MDOT MVA Driver Record Monitoring (DBM) Integration Guide

API Specification

Version 2.9

Contents

Introduction

The Driver Batch Monitoring (DBM) service, facilitated by Tyler 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 use this service, users must be authorized within the Federal Driver Privacy Protection Act (DPPA) scope 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.

> **Changes in this document:**
>
> - Updates to Driver Record pricing, page 6

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 securing and transmitting 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. For authentication, the customer passes their username and password as parameters in each service call to the DBM service.

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

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

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

New Customer IDs added are matched against the MDOT MVA records based on key fields: Driver's License Number, Maryland ID, FEIN, and Date of Birth. The service rejects records that do not match these keys, and the customer receives an error response for that Customer ID.

The service processes driver files Monday through Friday, nightly between 6:00 PM ET and 7:00 AM ET. Any actions sent via the interface after 6:00 PM ET are 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 are sent to customers advising that records are ready to retrieve.

Maintenance Windows

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

Program Guidelines

Driver Monitoring Submissions

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 are processed Tuesday – Saturday and are available after 7:00 AM EST. Updates to driver data are sent by the DBM system based on customer preference and account settings. Only Maryland-issued Customer IDs can be monitored.

Violation Codes

Violation codes included in the DBM program are related to suspensions, withdrawals, cancellations, revocations, restrictions, and moving violations. Updated records will be produced if the MDOT MVA creates, deletes, or modifies a violation code. When 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)) are included in the resulting record regardless of whether the violation codes are included in the DBM monitoring program. 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 are 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 for non-government entities. Effective

September 1, 2024, each record is delivered to non-government entities for $15.00 per record. Government entities receive these records at no cost.

A driving record entry update and the PBJ record entry update are considered a partial record update and, effective September 1, 2024, are priced accordingly at $0.53/record. There are no minimum fees. Government entities receive these records at no cost.

Tyler Maryland generates and emails invoices 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, including suspension and termination, may occur if Tyler Maryland does not receive the subscriber's payment within 20 days of the invoice date. If payment is received following a termination, Tyler Maryland determines eligibility for reinstatement.

Anniversary Date for Monitored Drivers

When the subscriber adds a new Customer ID to the monitoring program, the _Customer ID enrollment date_ is the anniversary date for that monitored driver. _For all Customer IDs enrolled before May 21, 2019, the company enrollment date into the MDOT MVA program remains the anniversary date._

Upon receipt of a new Customer ID submitted for monitoring, the system returns a complete driving record. Subsequently, on the anniversary date of each Customer ID, the Driver's License Number, Maryland ID, and/or FEIN(s) being monitored will cause the generation of a complete driving record.

Driver Record Types and Frequency

Record Type	Description	Frequency
Complete	It contains the full history of the driver and any available PBJ or MedCert information.	Upon enrollment and anniversary date
36-month (3-year)	Contains a 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 inquiry, please call the Tyler Maryland Help Desk at (888) 4MD-HELP or email mdhelp@tylertech.com and explain the nature of the problem. The support staff will request your information and 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 Tyler Maryland in writing. Either party may terminate the contract with thirty (30) days written notice.

Endpoints

- Production Rest API: https://egov.maryland.gov/mva/dbm/rest/v1/*FunctionName*
- Test Rest API: https://stage.egov.maryland.gov/mva/dbm/rest/v1/FunctionName

> **Note:**
> The test environment returns only fictitious driver and vehicle records. Customers are not charged for transactions conducted against the test system. To access the test environment, customers must contact Tyler Maryland's Technical Support team for credentials.
>
> The test and production DBM systems are maintained to ensure consistency between the service interfaces. Accordingly, the integration code developed against the test system will function correctly when pointed toward the production service endpoint address.

HTTPS Method

Authentication

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

HTTPS Request Format

All requests must be formatted as JSON and are controlled via the Content-Type request header. For example, {"CompanyCode":"0123M"}.

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	

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	
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 Response codes

Submitting Records

The DBM web service interface consists of three service methods used to manage the roster of monitored Customer IDs. To administer a driver enrollment in the program, a submission can consist of one or more submission types. Submission types are outlined below, and examples of each are in the submission examples below.

Functionality Name	Description	Function Name
Submit Input File (Legacy)	This allows legacy customers to quickly transition to the REST API using the same file layout as	Submitinputfile

	previously offered. However, this function may be deprecated in a future release. Therefore, migrating to the new "Submit" method is strongly encouraged.	
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 roll back any driver submitted in error before MDOT MVA processes it.	CancelSubmissions

Table 3: Submission Types

Please note that 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 using your company code. 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 before processing, current driver lists waiting to be processed by MDOT MVA will be overwritten.
> - Any new entries are added to the list of drivers pending to be processed by MDOT MVA.
> - Drivers submitted after the daily cut-off time are processed and delivered the next business day.
> - To cancel a submission, use the CancelChanges API method (see below for example). Canceling is not available after MDOT MVA starts processing the driver.

Submission Types

Below are Submission Types and examples of each function format. A submission may contain multiple types for the same company. Each submission type is expected to include the company code and then list the Customer IDs and actions to be taken.

Submission Type	Description
Add	Allows one or more driver licenses to be added for monitoring

Submission Type	Description
Change	Utilized when converting a driver's license to CDL or to no longer be CDL. It is also used to enable or disable the receiving of annual records.
Delete	Customer IDs submitted with a "Delete" indicator are removed from monitoring.

Submission examples and types are provided below.

SubmitInputFile

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

This method allows legacy customers to quickly transition to the REST API using the same file layout as previously offered. However, this may be deprecated in a future release. Therefore, migrating to the new "Submit" method is strongly encouraged.

```
SubmitInputFile Request Example:

{
  "CompanyCode": "000M",
  "FileContents": "
        MD11111111111980-07-01AYN
        MD11111111111985-06-20ANY
        MD11111111111965-12-18ANY
        MD11111111111978-09-05DNY
        MD11111111111980-07-01CYN"
}
```

SubmitInputFile Request Properties:

Property Name	Data Type	Format	Length
CompanyCode	ALPHA-NUMERIC	XXXX	4
FileContents	STRING *(See Table 5)*	MD11111111111YYYY-MM-DDXX	26
			30 Positions

Table 3: SubmitInputFile Submission Request Properties

SubmitInputFile FileContents Format:

Parameter	Data Type	Format	Length
Customer ID (Driver License Numbers, Maryland ID)	ALPHA-NUMERIC	MD11111111111	13
Date of Birth	DATE	YYYY-MM-DDXX	10
Transaction Type	ALPHA	A = Add C = Change	1

Parameter	Data Type	Format	Length
		D = Delete	
CDL Indicator	ALPHA	Y = Yes (CDL)	1
		N = No (Non-CDL)	
Anniversary Indicator	APLHA	Y = Yes	
		N = No (Required for CDL)	1
			26 Positions

Table 4: SubmitInputFile FileContents Format

```
SubmitInputFile Response Example:

{
  "FailCount": 2,
  "SuccessCount": 2,
  "HttpStatus": 200,
  "IsSuccess": true,
  "FailureReason": "",
  "Warnings": [],
  "ValidationErrors": [],
  "ResponseData": [
    {
      "Index": 0,
      "CustomerID": "MD23456789002",
      "Success": true,
      "FailReason": "",
      "Warning": ""
    },
    {
      "Index": 1,
      "CustomerID": "MD23456789011",
      "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 2* 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.		MD23456789002, Index locations: 0,3"]
ValidationErrors	For each Customer ID, lists the reason for failing validation. e.g. Returns HttpStatus Code 400 *(See table 2 for Response Codes)*	STRING	ValidationErrors": []
ResponseData	Lists the results of each driver's submission *(Table 7).*	ARRAY	ResponseData":

Table 5: SubmitInputFile Response properties

ResponseData Properties

Property Name	Description	Data Type	Format
Index	A zero-based index of the submitted driver's license is used by the Warnings section to identify the driver's license or line item.	NUMERIC	"Index": 0
CustomerID	The Driver's License Number or Maryland ID	STRING	"C123456789002" "MD00000000000" "12345679"
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's license *(e.g., In Table 9)*	STRING	"Warning":""

Table 6: ResponseData properties

Submit

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

{
  "CompanyCode": "034M",
  "Drivers": [
    {
      "CustomerID": "MD23456789001",
      "DateofBirth": "1999-10-23T00:00:00",
      "MonitorAsCdl": true,
      "AnniversaryEnabled":true,
      "SubmissionType": "Change"
    },
    {
      "CustomerID": "MD23456789003",
      "DateofBirth": "1985-10-23T00:00:00",
      "MonitorAsCdl": true,
      "AnniversaryEnabled":true,
      "SubmissionType": "Delete"
    }
  ]
}
```

Property Name	Data Type	Max Length	Description
CompanyCode	String	4	4-character code provided by MDOT MVA.
Drivers	Driver		An array of drivers you wish to submit to MDOT MVA.
Driver.CustomerID	String	13	DLN: 1 Letter followed by 12 numbers. MD ID: 2 letters followed by 11 numbers. FEIN: 9 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, set it to false.
Driver.AnniversaryEnabled	String	1	Y = Yes N = No (Required for CDL)
Driver.SubmissionType	String	10	Submission Type to be performed on this driver. • **Add** – Add 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 8: Submit Format properties

Submit Response Example:

```
{
  "FailCount": 2,
  "SuccessCount": 2,
  "HttpStatus": 200,
  "IsSuccess": true,
  "FailureReason": "",
  "Warnings": [],
  "ValidationErrors": [],
  "ResponseData": [
    {
      "Index": 0,
      "CustomerID": "MD23456789002",
      "Success": true,
      "FailReason": "",
      "Warning": ""
    },
    {
      "Index": 1,
      "CustomerID": "MD23456789011",
      "Success": true,
      "FailReason": "",
      "Warning": ""
    }
  ]
}
```

Property Name	Data Type	Description
FailCount	Integer	The number of submitted drivers that failed to save. Reasons will be provided for each driver (*see FailReason*).
SuccessCount	Integer	The number of submitted drivers that were saved successfully.
Warnings	String array	This list contains 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, missing or invalid values, or Status Code (*see Table 2).*
ResponseData	Result array	Lists the results of each driver's submission

Property Name	Data Type	Description
Result.Index	Integer	Zero-based index of the submitted driver. Used by the Warnings section to identify the driver.
Result.CustomerID	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.

Table 9: Submit Response properties

CancelSubmissions

- **Stage Location:** https://stage.egov.maryland.gov/mva/dbm/rest/v1/CancelSubmissions
- **PROD 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 roll back any driver submitted in error before MDOT MVA processes it.

```
Cancel Submissions Request Example:

{
  "CompanyCode": "034M",
  "Drivers": ["MD23456789001", "C123456789003"]
}
```

Property Name	Data Type	Max Length	Description
CompanyCode	String	4	4-character code provided by MDOT MVA.
Drivers	String array	13 characters (each item)	An array of license numbers, Maryland IDs and/or FEINs you wish to cancel a submission request.

Table 10: Cancel Submission Sample

```
Cancel Submissions Response Example:
{
  "FailCount": 0,
  "SuccessCount": 2,
  "HttpStatus": 200,
  "IsSuccess": true,
  "FailureReason": "",
  "Warnings": [],
```

```
  "ValidationErrors": [],
  "ResponseData": [
    {
      "Index": 0,
      "CustomerID": "MD23456789001",
      "Success": true,
      "FailReason": ""
    },
    {
      "Index": 1,
      "CustomerID": "C123456789003",
      "Success": true,
      "FailReason": ""
    }
  ]
}
```

Property Name	Data Type	Description
FailCount	Integer	Number of submitted drivers that fail to be saved. Reasons will be provided for each driver.
SuccessCount	Integer	The number of submitted drivers that were saved successfully.
Warnings	String array	This list contains drivers that were duplicated in your request. Each warning contains the license number and 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: C123456789002, Index locations: 0,3,8"],
ValidationErrors	String array	Lists each failed driver's reason for failing validation. Reasons may include missing or invalid fields, values, or Status Codes (*see Table 2*).
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.CustomerID	String	The license number, Maryland ID, or FEIN submitted.
Result.Success	Boolean	
Result.FailReason	String	Short description of the failure, such as "Duplicate"
Result.Warning	String	The operation was successful, but there is a warning that should be noted or fixed.

Table 11: Cancel Response Sample

Validation Errors:

- An array or list of drivers is required.
- MD23456789000: Driver's License Number must start with a letter followed by 12 numbers. Maryland ID must start with MD followed by 11 numbers. FEIN is nine (9) numbers.

Warnings and Failures per Driver's license number:

Description	Success	Warning or Failure
Nothing to cancel. This driver could not be found in MDOT MVA's system.	True	Warning
Nothing to cancel. There is no pending change request for this driver.	True	Warning
MDOT MVA is already processing a change request for this driver.	False	Failure
Unexpected error trying to update this driver.	False	Failure

Table 12: Warnings and Failures

Driver Action Errors

Errors may occur when submitting drivers for monitoring. Below is a list of driver action submission errors. If you need assistance with an error received, please get in touch with the Tyler Maryland Help Desk at mdhelp@tylertech.com or (888) 9MD-EGOV and explain the nature of the problem. The support staff will request information and work with you to resolve the issue.

Description
Unexpected error trying to update this driver's license
This line is an exact duplicate and will not be processed.
The MDOT MVA is already processing a change request for this driver's license.
Duplicate CustomerID: 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 13: Driver Action Errors

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 arise when processing drivers for monitoring. If you need assistance with

an error received, please contact the Tyler Maryland Help Desk at mdhelp@tylertech.com or (888) 9MD-EGOV and explain the nature of the problem. The support staff will request information and work with you to resolve the issue.

Field Validation Errors

Parameter	Description
FileContents	The 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.
Customer ID	The Driver's License Number must start with a letter and be followed by twelve (12) numbers. The Maryland ID must begin with MD followed by 11 numbers, and the FEIN must be nine (9) numbers.
Customer ID	The Customer ID is a duplicate with conflicting values.
Customer ID	The CustomerID 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.
Anniversary Indicator	The AnniversaryEnabled property is required.
Anniversary Indicator	Invalid Anniversary Enabled Flag
	A change request for this driver is already in progress by MDOT MVA.
	Unexpected error trying to update this driver

Table 74: Response ValidationErrors values

Retrieving A List of Monitored Drivers

The DBM web service interface includes a service method for retrieving a list of enrolled driver's license(s).

Retrieve Enrolled Driver Licenses: Returns list of 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 Licenses	Returns list current and pending drivers enrolled for monitoring	retrieveenrolleddrivers

Request:

RetrieveEnrolledDrivers Request Example:

{ "CompanyCode": "000M" }

RetrieveEnrolledDrivers Request Properties:

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

RetrieveEnrolledDrivers Response Example:

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

  "ResponseData": [

    {
      "CustomerId": " C123456789001",
      "PreviousCustomerId": "",
      "CustomerIdChangedDate": null,
      "FullName": "Doe Doe",
      "DateofBirth": "2010-11-01T00:00:00.000",
      "MonitorAsCdl": true,
       "AnniversaryEnabled":true,
      "DateEnrolled": "2020-02-02T00:00:00.000",
      "Status": "Active"
    }
    ,{
      "DriverLicenseNumber": "C123456789001",
      "FullName": "Jane Doe",
      "DateofBirth": "1983-08-01T00:00:00.000",
      "MonitorAsCdl": true,
       "AnniversaryEnabled":true,
      "DateEnrolled": "2020-03-29T00:00:00.000",
      "Status": "Pending Addition"
    }
] }
```

Retrieve EnrolledDrivers Response Properties

Parameter	Description	Data Type	Example
HttpStatus	200 = Success	NUMERIC	"HttpStatus": 200

Parameter	Description	Data Type	Example
	See *Table 2* for values		
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 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 85: Retrieve EnrolledDrivers Response properties

Retrieve EnrolledDrivers ResponseData Properties:

Property Name	Description	Data Type	Format
CustomerID		STRING	
PreviousCustomerId		STRING	May be blank
CustomerIdChangedDate		DATE	It may be blank. YYYY-MM-DDTHH:MM:SS
Full Name		STRING	255 characters
DateOfBirth		DATE	YYYY-MM-DDTHH:MM:SS
MonitorAsCdl	Y = Yes (CDL) N = No (Non-CDL)	ALPHA	13 characters
DateEnrolled	If available, the date this driver was enrolled for monitoring. May be blank	DATE	YYYY-MM-DDTHH:MM:SS
Status	The status of the Driver's license being monitored	STRING	

Property Name	Description	Data Type	Format
	(See below *ResponseData Status Descriptions* for values)		

Table 16: Retrieve EnrolledDrivers ResponseData properties

ResponseData Status Descriptions:

Status	Description
Active	CustomerID is currently being monitored in the DBM program.
Pending Addition	Pending the MDOT MVA to process this addition. The customer can change or cancel this record until the daily submission cutoff time.
Pending Change	Pending the MDOT MVA to process this change. The customer is allowed to change or cancel this record up to the daily submission cutoff time.
Pending Deletion	Pending the MDOT 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 MDOT MVA has received and is in the process of adding this driver. The customer cannot change or cancel this record.
Change InProgress	The MDOT MVA has received and is in the process of changing this driver. The customer cannot change or cancel this record.
Deletion InProgress	The MDOT MVA has received and is in the 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 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 for 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:**

- **PROD Location:**

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 17: RetrieveResultsbyDateRange request properties

```
RetrieveResultsByDateRange Response Example:

 {
  "HttpStatus": 200,
  "IsSuccess": true,
  "FailureReason": "",
  "ValidationErrors": [
  ],
  "Warnings": [
  ],
  "ResponseData": [
    {
      "FileName": "OUT-FTPLIS10-034M",
      "Description": "Initial Complete Records File",
      "DeliveredDate": "2021-10-27T07:27:24.653",
      "Contents":
"{\"CompanyCode\":\"034M\",\"DriverRecord\":[{\"InitialRecord\":false,\"CustomerID
\":\"[truncated]":null}]}"
    },

    {
      "FileName": "OUT-PBJLIS10-034M",
      "Description": "Initial PBJ Records File",
      "DeliveredDate": "2021-10-27T07:28:44.147",
      "Contents":
"{\"CompanyCode\":\"034M\",\"DriverRecord\":[{\"InitialRecord\":false,\"CustomerID
\":\"[truncated]":null}]}"
```

```
    }
   ]
}
```

Retrieve Results Response Properties

Parameter	Description	Data Type	Example
HttpStatus	200 = Success *See Table 2*	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 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 18: 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
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

Property Name	Description	Data Type	Format
Contents	The actual contents of the driving record in plain text.	STRING	Varies Except for error records, the content will be a **JSON** string representation of the record.

Table 99: Retrieve Results ResponseData properties

RetrieveLatestResults

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

Returns results identical to ResultsByDateRange, except it behaves as follows:
- Searches the previous five (5) calendar days for results. Use RetrieveResultsByDateRange if files older than five (5) days are needed.
- Retrieves results for records received within the last five (5) calendar days.

Example: Assume today is the 10th of the month. If you receive 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

File Names

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.
PBJ	Related to Probation Before Judgement and CDL Medical Certification information.
FTPS010B	Reports error information about the driver being monitored (may be blank). Daily, Weekly, and Monthly Error files are deprecated.

Filename Contains	File Description
ANN	Anniversary files. Complete records are delivered each year when 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
```

Error File:

```
OUT-FTPS010B-XXXX

OUT-FTPS010B = 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
```

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)

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)

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)

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)

File Contents and Layout

Files within the same family but with different schedules or frequencies have the same layout. All files are now formatted as JSON data. The exception is the Initial Error file (OUT-FTPS010B-XXXX) due to its unique situation of providing the error status of drivers submitted for addition, changes, or deletion. Index files and daily, weekly, and monthly error files are deprecated.

Full Record Files (Non-PBJ)

Record files are formatted as JSON data.

3-Year / Complete Example:

```json
{{
    "CompanyCode": "034M",
    "DriverRecord": [
        {
            "InitialRecord": false,
            "CustomerID": "B000000000000000",
            "PreviousCustomerID: "B000000000000000",
            "CustomerIDChangedDate": "09-19-2029",
            "Name": "DOE, JOHN",
            "Height": "5-11",
            "Weight": "160",
            "Race": "BLACK",
            "Sex": "MALE",
            "DOB": "1000-00-11T00:00:00",
            "ResidentialAddress": {
                "Street1": "1278 RD",
                "Street2": "",
                "Unit": "",
                "UnitType": "",
                "City": "FT WASHINGTON",
                "State": "MD",
                "Zip": "21111"
            },
            "NCLStatus": "DRVVLD",
            "CDLStatus": "",
            "DriversLicense": [
                {
                    "LicenseClass": "NCLC",
                    "GLSType": "0",
                    "LicenseType": "REN",
                    "Duplicate": "",
                    "Document": "REALID",
                    "IssueDate": "08-30-2021",
                    "ExpirationDate": "09-19-2029",
                    "Endorsements": "",
                    "Restrictions": "",
                    "SpecialRestriction": "",
                    "SpecialRestrictions": null
                }
            ],
            "AddressChanges": null,
            "NameChanges": null,
            "CustomerIDChanges": null,
            "Violations": [
                {
                    "ViolationDate": "2019-10-13T00:00:00",
                    "ConvictionDate": "2020-02-19T00:00:00",
                    "Summary": "VA VAX1907",
                    "Description": "OOS CONVICTION",
                    "Points": 0,
```

```
                "PointsActive": false
            },
            {
                "ViolationDate": "2021-08-30T00:00:00",
                "ConvictionDate": null,
                "Summary": "MD21CR091815",
                "Description": "NEW LIC/ID ISSUED - PREVIOUS LIC/ID RECEIVED AND
DESTROYED",
                "Points": 0,
                "PointsActive": false
            }
        ],
        "TotalPoints": 0,
        "MailingAddress": null
    },
    {
        "InitialRecord": false,
        "CustomerID": "K0000000000",
        "Name": "DOE, JANE",
        "Height": "5-4",
        "Weight": "150",
        "Race": "WHITE",
        "Sex": "FEMALE",
        "DOB": "1111-00-11T00:00:00",
        "ResidentialAddress": {
            "Street1": "50 PATTISON AVE",
            "Street2": "",
            "Unit": "",
            "UnitType": "",
            "City": "ANYTOWN",
            "State": "MD",
            "Zip": "21522"
        },
        "NCLStatus": "DRVVLD",
        "CDLStatus": "",
        "DriversLicense": [
            {
                "LicenseClass": "NCLC",
                "GLSType": "0",
                "LicenseType": "REN",
                "Duplicate": "",
                "Document": "REALID",
                "IssueDate": "09-11-2020",
                "ExpirationDate": "10-08-2028",
                "Endorsements": "",
                "Restrictions": "",
                "SpecialRestriction": "",
                "SpecialRestrictions": null
            }
        ],
        "AddressChanges": [
            {
                "Date": "2018-08-20T00:00:00",
                "Description": "ADDRESS CHANGE (RESIDENTIAL)"
            }
        ],
        "NameChanges": [
```

```
                    {
                        "Date": "2018-08-20T00:00:00",
                        "Description": "NAME CHANGE"
                    }
                ],
                "CustomerIDChanges": [
                    {
                        "Date": "2018-08-20T00:00:00",
                        "Description": "CUSTOMER ID CHANGE"
                    }
                ],
                "Violations": [
                    {
                        "ViolationDate": "2019-05-28T00:00:00",
                        "ConvictionDate": null,
                        "Summary": "WEB",
                        "Description": "WEB",
                        "Category": "Sanction",
                        "Details": "",
                        "Points": 0,
                        "PointsActive": false
                    }
                ],
                "TotalPoints": 0,
                "MailingAddress": null
            }
        ]
}
```

Full Probation Before Judgement Files

Full PBJ Record Example:

```
{
    "CompanyCode": "034M",
    "DriverRecord": [
        {
            "InitialRecord": false,
            "CustomerID": "AB00000000000",
            "PreviousCustomerId: "B000000000000000",
            "CustomerIdChangedDate": "09-19-2029",
            "Name": "DOE, JON",
            "Height": "5-5",
            "Weight": "180",
            "Race": "BLACK",
            "Sex": "MALE",
            "DOB": "12-12-1000",
            "ResidentialAddress": {
                "Street1": "1112 APT A",
                "Street2": "",
                "Unit": "",
                "UnitType": "",
                "City": "BALTIMORE",
                "State": "MD",
```

```
                    "Zip": "21239"
                },
                "MailingAddress": {
                    "Street1": "5632 APT A",
                    "Street2": "",
                    "Unit": "",
                    "UnitType": "",
                    "City": "BALTIMORE",
                    "State": "MD",
                    "Zip": "21239"
                },
                "NCLStatus": "DRVVLD",
                "CDLStatus": "DRVVLD",
                "DriversLicense": [
                    {
                        "LicenseClass": "CDLB",
                        "GLSType": "0",
                        "LicenseType": "REN",
                        "Duplicate": "",
                        "Document": "REALID",
                        "IssueDate": "07-20-2021",
                        "ExpirationDate": "09-24-2026",
                        "Endorsements": "SP",
                        "Restrictions": "",
                        "SpecialRestriction": ""
                    }
                ],
                "PBJViolations": [
                    {
                        "ViolationDate": "09-13-2012",
                        "TrialDate": "11-26-2012",
                        "Summary": "0X10EGV ",
                        "LicenseRestrictions": "",
                        "Judge": "",
                        "Jurisdiction": "",
                        "Section": "21",
                        "SubSection": "801",
                        "Paragraph": "",
                        "Violation": "2930",
                        "ExpirationDate": "",
                        "Description": "EXCEEDING MAXIMUM SPEED LIMIT BY 10 MPH(MV)",
                        "Category": "Sanction",
                        "Details": ""

                    },
                    {
                        "ViolationDate": "12-10-2020",
                        "TrialDate": "",
                        "Summary": "",
                        "LicenseRestrictions": "",
                        "Judge": "",
                        "Jurisdiction": "",
                        "Section": "",
                        "SubSection": "",
                        "Paragraph": "",
                        "Violation": "",
                        "ExpirationDate": "",
```

```
                    "Description": "MEDCERT EXPIRED",
                    "Category": "CDL Medical Certificate",
                    "Details": ""
                }
            ],
            "CDLMedCert": {
                "CertificateRestrictionCode": [
                ],
                "CertificateStatusCode": "CERTIFIED",
                "ExaminerInformation": {
                    "FirstName": "CARD",
                    "FirstNameTransliteratedCode": "0",
                    "FirstNameTruncatedCode": "0",
                    "LastName": "JOE",
                    "LastNameTransliteratedCode": "0",
                    "LastNameTruncatedCode": "0",
                    "LicenseNumber": "D0063451",
                    "LicensingJurisdictionCode": "MD",
                    "MiddleName": "",
                    "MiddleNameTransliteratedCode": "0",
                    "MiddleNameTruncatedCode": "0",
                    "NationalRegistryNumber": "7418819217",
                    "PhoneNumber": "4101111111",
                    "SpecialtyCode": "MD",
                    "Suffix": ""
                },
                "ExpirationDate": "12-01-2021",
                "IssueDate": "12-01-2020",
                "SelfCertificationCode": "NI",
                "SkillsPerformanceEvaluationExpirationDate": "",
                "SkillsPerformanceEvaluationStartDate": "",
                "WaiverExpirationDate": "",
                "WaiverStartDate": "",
                "WaiverTypeCode": ""
            }
        }
    ]
}
```

Partial Record Updates (Non-PBJ)

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

Partial Record Update Example:
```
{
    "CompanyCode": "034M",
    "CompanyName": "ACME INC",
    "Driverrecord": [
        {
            "CustomerID": "M26000000007",
            "PreviousCustomerId: "B000000000000000",
            "CustomerIDChangedDate": "09-19-2029",
            "Name": "DOE, JANE L",
```

```
        "DOB": "1997-06-22T00:00:00",
        "ResidentialAddress": {
            "Street1": "2807 CLEARVIEW RD",
            "Street2": "",
            "Unit": "",
            "UnitType": "",
            "City": "FINKSBURG",
            "State": "MD",
            "Zip": "210482316"
        },
        "Violations": [
            {
                "ViolationCode": "5805",
                "Text": "Points Warning",
                "Category": "Warning",
                "Details": "",
                "ViolationDate": "2019-09-19T00:00:00",
                "DispositionDate": null,
                "TicketNumber": "",
                "Points": 0,
                "PointsActive": false,
                "Message": "RECORD CHANGED"
            }
        ]
    }
  ]
}
```

Probation Before Judgement Partial Record Updates

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

Probation Before Judgement Record Updates Example:
```
{
    "CompanyCode": "034M",
    "CompanyName": "ACME INC",
    "DriverRecord": [
        {
            "CustomerID": "D0000000222",
            "PreviousCustomerId: "B000000000000000",
            "CustomerIdChangedDate": "09-19-2029",
            "Name": "DOE, JANE L",
            "DOB": "1968-04-28T00:00:00",
            "ResidentialAddress": {
                "Street1": "3079 WAY",
                "Street2": "",
                "Unit": "",
                "UnitType": "",
                "City": "EDGEWOOD",
                "State": "MD",
                "Zip": "21040"
            },
            "PBJViolations": [
                {
                    "ViolationCode": "",
```

```
                    "TicketNumber": "",
                    "StateCodeSection": "",
                    "StateCodeSubSection": "",
                    "Court": "",
                    "BeginDate": null,
                    "EndDate": null,
                    "Judge": "",
                    "ViolationDate": "2021-10-20T00:00:00",
                    "FRA": "",
                    "Paragraph": "",
                    "Section": "",
                    "Line": "",
                    "Message": "RECORD ADDED",
                    "Description": "MEDCERT EXPIRED",
                    "Category": "Notice",
                    "Details": ""

                }
            ]
        }
    ]
}
```

Errors

All errors have been consolidated into one error file and delivered daily. Each line has a maximum width of 120 characters.

Initial Errors Example:

```
034MACMI INC                        J525840000000JANE ANNE DOE                       DPDNO MATCH ON SDX SVCUSTMR-REC
034MACMI INC                        A000008001002C000000009002                      DPASDX CROSS REFERENCE - SEE NAME
034MACMI INC                        B123456000000JOHN DOE JR                         DPANO STORE OWNER RECORD EXISTS
```

Error Layout

Name	Length	Description
Company Code	4	
Company Name	35	
Customer Id	13	
Full Name Or New Customer Id	35	For SDX CROSS REFERENCE errors, the full name will be replaced with the new Customer Id.
Frequency	1	D = Daily W = Weekly M = Monthly
Price Type	1	F = Free P = Paid
Trans Type	1	A = Add C = Change

Name	Length	Description
		D = Delete
Message	30	

Table 20: Cancel Response Sample

Error Messages

Error Message	Description
SDX CROSS REFERENCE - SEE NAME	This driver has been assigned a new driver's 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 MDOT MVA records.
COMPANY INACTIVE	MDOT MVA has your Company Code listed as inactive.
NO STORE OWNER RECORD EXISTS	The submitted Customer ID is already being monitored.
NO MATCH ON OWNER RECORD	This Customer ID could not be found.
NO MATCH ON SDX SVCUSTMR-REC	This Customer ID IS NOT currently being monitored.
NO MATCH ON DOB SVPERSON-REC	The submitted birthday for the Driver's license number does not match the birthday on file with MDOT MVA.

Table 21: Error Messages

Appendix A – All available filenames and descriptions

Filename Pattern	Description
OUT-FTPLIS10-XXXX	Initial 3-year or Complete Record File
OUT-PBJLIS10-XXXX	Initial PBJ Complete Record File
OUT-FTPS010B-XXXX	Initial 3-year or Complete Error File
OUT-FTPLIS30-XXXX	Daily 3-year or Complete Record File
OUT-FTPRPA30-XXXX	Daily Update Record File
OUT-PBJLIS30-XXXX	Daily PBJ Complete Record File
OUT-PBJLIS35-XXXX	Daily PBJ Complete Record File
OUT-PBJRPA35-XXXX	Daily PBJ Partial Record Updates File
OUT-FTPANNLIS30-XXXX	Daily Anniversary Complete Record File
OUT-PBJANNLIS30-XXXX	Daily Anniversary Complete PBJ File
OUT-FTPLIS40-XXXX	Weekly 3-year or Complete Record File
OUT-FTPRPA40-XXXX	Weekly Update Record File
OUT-PBJLIS45-XXXX	Weekly PBJ Complete Record File
OUT-PBJRPA45-XXXX	Weekly PBJ Partial Record Updates File
OUT-FTPANNLIS40-XXXX	Weekly Anniversary Complete Record File
OUT-PBJANNLIS40-XXXX	Weekly Anniversary Complete PBJ File
OUT-FTPLIS50-XXXX	Monthly 3-year or Complete Record File
OUT-FTPRPA50-XXXX	Monthly Update Record File
OUT-PBJLIS55-XXXX	Monthly PBJ Complete Record File
OUT-PBJRPA55-XXXX	Monthly PBJ Record Line Entry Record File
OUT-FTPANNLIS50-XXXX	Monthly Anniversary Complete Record File
OUT-PBJANNLIS50-XXXX	Monthly Anniversary Complete PBJ File

Table 22: Filenames

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

Driver Record Codes	Description
A	License Class
A/A	Administrative Adjudication
A/C	Air Conditioning
A/R	Alcohol Related
ABEY	Abeyance

Driver Record Codes	Description
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

Driver Record Codes	Description
CR	Credit
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

Driver Record Codes	Description
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
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

Driver Record Codes	Description
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
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

Driver Record Codes	Description
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
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

Driver Record Codes	Description
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

Table 23: Driver Record Codes

License Type Codes

Type	Description
CNVUPD	Upgrade/Downgrade (Converted)
COR	Administrative Correction
DUP	Duplicate
DWNGRD	Downgrade
NEW	New
PMTCRT	Permit Correction
REN	Renewal
TEMP	Temporary
TRNSFR	Transferring a professional license from one linked business to another
UPGRAD	Upgrade from a permit to a full license

Table 24: Driver License Type Codes

Restriction Codes

Code	Restriction Meaning/Purpose
A	May not be used to purchase a firearm
B	Corrective Lenses
C	Special Brakes, Hand Control, or Others
C01	Hand Controls
C02	Left Foot Accelerator
C03	Pedal Extension
C04	Foot Controls
C05	Power Steering
C06	Power Brakes and Steering
C07	Steering Knob
C08	Directional Signals
C09	Outside Mirror Each Side (OMES)
C10	Bioptic Telescopic Lenses
C11	Chest Strap
C12	Tripin Steering Device
C13	Remote Functions
C14	Convex Mirrors
C15	Pedal Block
C16	Electronic Steering
C17	Electronic Steering Device

Code	Restriction Meaning/Purpose
C18	Panoramic Mirror
C19	Right Lower Leg Prosthetic
D	Prosthetic Aid
E	No Manual Transmission Equipped CMV/Automatic Transmission
E01	Automatic Transmission
E02	No Manual Transmission Equipped CMV
F	Outside Mirror
G	Limited to Daylight Driving Only
H	Limited
H01	Employment Purposes Only
H02	Employer's Vehicle Employment Only
H03	Employment Purposes Only – Child Support Enforcement
H04	Alcohol Prevention/Treatment Only (OAH)
H05	Employment and Educational Purposes (OAH)
H06	Obtaining Health Care Treatment
I	Limited
I01	Class A - Restricted to test purposes only (Examiners)
I02	Class A & B - Restricted to test purposes only (Examiners)
I03	Class M Testing purposes only
J	Driver Enforcement
J01	Educational Purposes Only
J02	Alcohol
J03	Ignition Interlock Device Required
J04	Ignition Interlock Device Required or Employer's Exemption
J05	Alcohol - Medical Advisory Board (DWS)
J06	Employment & Educational Purposes Only (DWS)
J07	Ignition Interlock Device Required (DWS)
J08	Three-Wheeled Motorcycle
J09	Valid in Maryland Only
J10	Under 21 Alcohol Restricted
J11	Mandatory Restraints All Occupants
J12	Court Ordered Ignition Interlock
J13	RV and Motor Homes Only
J14	Court Ordered Alcohol
J15	3 Year Alcohol
J16	Vehicles 10,000 Lbs or Less
J17	No P, S or H Endorsements
J18	Non-Commercial Class C Only
J19	Mandatory Ignition Interlock
J20	Drug

Code	Restriction Meaning/Purpose
J21	Alcohol and Drug
J22	Requires Rehab Instructor Only
J23	Requires Driving Instructor Only
J24	No Highway/Interstate
J25	Driving Range 5 Miles
J26	Driving Range 10 Miles
J27	Driving Range 15 Miles
J28	Requires Rehab/Driving Instructor Only
J29	Ignition Interlock - Repeat Offender
J30	Nighttime Driving Requires Rehab/Driving Instructor
J31	Non-Commercial Class A Authorized
J32	Other
K	Intrastate Only
L	No Air Brake Equipped CMV
M	No Class A Passenger Vehicle
N	No Class A or B Passenger Vehicle
O	No Tractor Trailer CMV
P	No Passengers in CMV Bus
R	Warning - ID Theft Victim - Verify ID
T	Limit Term Temporary
U	Not Acceptable for Federal Purposes
V	Medical Variance
X	No Cargo in CMV Tank Vehicle
Z	Hearing/Speech Impaired, Air Brakes
Z01	No Full Air Brake Equipped CMV
Z02	Hearing Impaired
Z03	Speech Impaired
Z04	Hearing and Speech Impaired

Table 25: License Restriction Codes

License Class Codes

Type	Description
CDLA	Commercial Class A
CDLAM	Commercial Class A & Motorcycle
CDLB	Commercial Class B
CDLBM	Commercial Class B & Motorcycle
CDLC	Commercial Class C
CDLCM	Commercial Class C & Motorcycle
CDPA	Commercial Class A Permit
CDPB	Commercial Class B Permit

Type	Description
CDPC	Commercial Class C Permit
LGCLPA	Legacy Commercial Class A Permit
LGCLPB	Legacy Commercial Class B Permit
LGCLPC	Legacy Commercial Class C Permit
NCLA	Non-Commercial Class A
NCLAM	Non-Commercial Class A & Motorcycle
NCLB	Non-Commercial Class B
NCLBM	Non-Commercial Class B & Motorcycle
NCLC	Non-Commercial Class C
NCLCM	Non-Commercial Class C & Motorcycle
NCLCP	Non-Commercial C Provisional
NCLCPM	Non-Commercial Class C Provisional & Motorcycle
NCLM	Non-Commercial Class M
NCLMP	Non-Commercial M Provisional
NCPA	Non-Commercial Class A Permit
NCPB	Non-Commercial Class B Permit
NCPC1	Non-Commercial Class C GLS Permit
NCPC2	Non-Commercial Class C Non GLS Permit
NCPM1	Non-Commercial Class M GLS Permit
NCPM2	Non-Commercial Class M Non GLS Permit
NCPMOP	Non-Commercial Moped Permit
TMP45	Temporary 45 Day License
TMP90	Temporary 90 Day License
SIC	State ID

Table 26: License Class Codes

Race Codes

Code	Description
ASIAN	Asian
BLACK	Black/African American
ISLAND	Native Hawaiian or other Pacific Islander
MULTI	Multiracial
NATIVE	American Indian or Alaska Native
WHITE	White/Caucasian

Table 27: Driver Race Codes

County Codes

Value	Description
MD001	Allegany County

Value	Description
MD003	Anne Arundel County
MD005	Baltimore
MD009	Calvert County
MD011	Caroline County
MD013	Carroll County
MD015	Cecil County
MD017	Charles County
MD019	Dorchester County
MD021	Frederick County
MD023	Garrett County
MD025	Harford County
MD027	Howard County
MD029	Kent County
MD031	Montgomery County
MD033	Prince George's County
MD035	Queen Anne's County
MD037	St. Mary's County
MD039	Somerset County
MD041	Talbot County
MD043	Washington County
MD045	Wicomico County
MD047	Worcester County
MD510	Baltimore City

Table 28: Maryland County Codes

Accident Severity Codes

Value	Description
1	Fatal Accident
2	Incapacitating Injury Accident
3	Non-incapacitating Injury Accident
4	Possible Injury Accident
5	Non-injury Accident (i.e. property damage only)
8	Code is passed along from other states, has no meaning for Maryland drivers and should be ignored.
9	Unknown

Table 29: Accident Severity Codes

License Doc Types

Type	Description
REALID	Real ID
NRID	Non-Real ID
TEMP	Temporary License

Table 30:Driver License Document Codes

Gender Codes

Value	Description
FEMALE	Female
MALE	Male
UNK	Unknown
UNSPEC	Unspecified

Table 31: Driver Gender Codes

GLS Codes

Type	Graduated License Type Descriptions
1	GLS
2	Non-GLS

Table 32: GLS Codes

Accident Codes

Code	Accident Descriptions
X	Driver contributed to an accident
Y	Driver contributed to a fatal accident
(blank)	No Accident

Table 33: Accident Codes

License Status Descriptions

Code	License Status Descriptions (NCL or CDL)
DRVCANELG	Driving privilege or credential is canceled, but this driver is eligible to re-apply
DRVCANNOT	Driving privilege or credential is canceled, and the driver is not eligible to re-apply currently
DRVDSQ	Disqualified from commercial driving privilege
DRVDWN	Driving privilege has been downgraded.
DRVELG	Driver is eligible to apply.
DRVEXP	License is expired
DRVIID	Must clear the Ignition Interlock Unit
DRVMAB	Must clear the Medical Unit
DRVNOT	The driver is not eligible for this driving privilege. Check indicators for more information.
DRVRFS	Driver refused licensure

Code	License Status Descriptions (NCL or CDL)
DRVRPD	This customer has been reported deceased.
DRVRVK	Driving privilege or eligibility to apply is revoked.
DRVSUS	Driving privilege or eligibility to apply is suspended.
DRVVLD	License is valid
DRVVPV	The provisional license is valid.

Table 34: Driver License Status Description Codes

Surname Suffix Descriptions

Code	Suffix Descriptions
1ST	1ST
2ND	2ND
3RD	3RD
4TH	4TH
5TH	5TH
6TH	6TH
7TH	7TH
8TH	8TH
9TH	9TH
DDS	DDS
ESQ	ESQ
II	II
III	III
IV	IV
IX	IX
JD	JD
JR	JR
MD	MD
PDH	PDH
SR	SR
V	V
Vi	Vi
VII	VII
VIII	VIII
VM	VM
X	X

Table 35: Driver Suffixes

Unit Type Descriptions

Code	Unit Type Descriptions
#	#

Code	Unit Type Descriptions
APT	APARTMENT
BLDG	BUILDING
BSMT	BASEMENT
DEPT	DEPARTMENT
FL	FLOOR
FRNT	FRONT
HNGR	HANGAR
LBBY	LOBBY
LOT	LOT
LOWR	LOWER
NUM	NUM
OFC	OFFICE
PH	PENTHOUSE
PIER	PIER
REAR	REAR
RM	ROOM
SIDE	SIDE
SLIP	SLIP
SPC	SPACE
STE	SUITE
STOP	STOP
TRLR	TRAILER
UNIT	UNIT
UPPR	UPPER

Table 36: Unit Type Codes

Conviction Category

Conviction Category	Conviction Description
AAD Administrative Action	
Accounts Receivable	
Admin Per Se	
Admin Per Se (Reporting)	
Administrative/Court Ordered Sanction	
Arrest Warrant	
CDL Medical Certificate	
Certificate	
Converted Information	
Converted Verdict	
Conviction	Convicted in Maryland
DWS Administrative Action	

Conviction Category	Conviction Description
Fatal	
Hazmat Application	
Hearing	
Juvenile Verdict	
Knowledge Exam	
Notice	
NRVC Report	
Other Information	
Out of State Conviction	Conviction out of state
Out of State Withdrawal	
Probation Before Judgement	
Returned Mail	
Restriction Management	
Sanction	
Sanction Reinstatement	
Sanction Stay	

Table 37: Conviction Codes

Conviction Detail

Conviction Detail Value	Conviction Detail Descriptions
BAC	Blood alcohol content: e.g., 0.13 (4 chars) Relevant only to DUI-related violations
Speed	Posted Speed (3 chars) + Violation Speed (3 chars) e.g. 060069 (6 chars) Relevant only to speed-related violations
Underlying Violation	AAMVA Code Dictionary (ACD) Code, e.g. B20 (chars) Relevant to failure to appear/comply/pay violations

Table 38: Conviction Detail Values

Conviction and Sanction Descriptions

MDOT MVA has a thorough list of legacy and newly implemented codes and descriptions for Convictions and Sanctions. That list can be found at https://egov.maryland.gov/mva/ under Resources.