The D20 Data Dictionary presents model data definitions for use by Motor Vehicle Agencies and their partners. AAMVA collects these data definitions and publishes this information in this document. This document presents the JSON data types of the elements.
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This release of this document was prepared on Thursday, July 6, 2023.

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1 DOCUMENT INTRODUCTION

1.1 DOCUMENT PURPOSE

This data dictionary presents a common set of coding instructions for data elements which are part of the D20 standard for Traffic Records Systems. The D20 standard focuses on data elements related to highway safety, driver licensing, and vehicle registration.

Motor Vehicle Agencies (MVAs) in the U.S. are required to use some of the D20 elements in their computer systems, to remain in compliance with various U.S. Department of Transportation rules. Other organizations who communicate with MVAs are encouraged to adopt the D20 data definitions to reduce the number of data transformations needed.

This document is available in the public domain and may be used by anyone who wishes to use the D20 data definitions.

1.1.1 Implementation Data Types

The primary purpose of this dictionary is to describe business data elements. While the high level business definitions of elements are mostly the same across different implementations, there are differences in the descriptions of elements at the physical implementation level in how the data is formatted.

D20 has traditionally been presented with the data types for the AMIE protocol. While AMIE is still used, a growing number of data exchanges use web-services with JSON data types. So AAMVA now publishes editions of D20 that support the AMIE and JSON definitions. This edition presents the JSON definitions used in REST web-service exchanges.
2 D20 Standard

2.1 D20 Overview

The Data Element Dictionary for Traffic Records Systems (herein referred to as D20, or the Dictionary) provides standard terminology and coding instructions designed to facilitate representations of data elements communicated between jurisdictions. As the use of computerized data systems for the administration of programs related to motor vehicles increases, the need for the transfer of data among systems and jurisdictions also steadily rises. The Dictionary is intended to promote uniformity in the transmission of records in the following areas:

- Motor Vehicle Registration and Titling
- Driver and Commercial Drivers Licensing
- Highway Inventory and Traffic
- Crashes and Emergency Medical Services
- Motor Vehicle Inspection
- Motor Vehicle Insurance
- Traffic Law Enforcement

With the addition of communication standards, the data may be rapidly interchanged by jurisdictions to improve the operational functions they are developed to serve. Through this exchange, driver and registration information will be available to assure the issuance of accurate licenses, registration, and titles. D20 is designed to facilitate continued coordination among data system developers. It is not intended or anticipated that any single user will incorporate all of the elements listed in this dictionary into a single system. However, for both new systems and for system modification, developers are encouraged to use data elements in D20 whenever possible. D20 element definitions are used in:

- Electronic systems communicating Licensing, Titling, Registration and Motor Carrier information over AAMVAnet.
- Electronic systems outside AAMVA, such as the Model Impaired Driver Records Information System (MIDRIS).
- Other standards, such as the National Information Exchange Model (NIEM) which utilize some of the D20 element definitions.

Terminology and codes used in the Dictionary come from many sources. Wherever possible, D20 uses standards approved by ANSI or issued as Federal Information Processing Standards (FIPS). For elements related to traffic crashes, many definitions are from the National Safety Council’s Manual on Classification of Motor Vehicle Traffic Accidents (ANSI D16), and many codes are based on, or inspired by, the Fatal Accident Reporting System (FARS) and other systems operated by the National Highway Traffic Safety Administration (NHTSA). Sources also include the Accident Record Data Dictionary for National Governors’ Association (NGA) Motor Carrier Accident Data Elements. Several elements related to the roadway environment are based on elements from the Federal Highway Administration’s Highway Performance Monitoring System (HPMS). Finally, the AAMVA repository of electronic data interchange applications used by the Motor Vehicle Agencies in the U.S. and Canada for driver licensing, vehicle registration and titling, and motor carrier registration business have become a major source of new definitions.

2.2 D20 History

A need for standardized definitions of terms and data definitions for traffic safety, was identified as early as 1922, when National Safety Council published standard police and driver accident report forms. A number of standards developed over the years, but they were not always consistent with each other.

With the introduction of computers in the 1960s it became apparent there was a need for standardized data definitions to enable the efficient sharing of data. The Highway Safety Act of 1966 (23 USC §148), required states receiving federal highway safety funds to develop better systems for collecting and processing Traffic Records to be used in operating safety programs. Traffic Records in this context refer to records related to motor vehicle registration, driver licensing, highway design and operations, crashes, financial responsibility, motor vehicle inspection, commercial vehicle reciprocity, traffic law enforcement, emergency medical services, etc.
First Edition - With funding and computer services provided by NHTSA and FHWA and under the leadership of AAMVA, several hundred persons from more than eighty public and private organizations participated in compiling the dictionary. The deliverables from this effort are D16.1 Manual on Classification of Motor Vehicle Traffic Accidents and D20 State's Model Motorist Data Base. The D20 work on specific tasks was delegated to the sub-committees:

- D20.1 - Data Directory Technical Committee
- D20.2 - Vehicle Data Technical Committee (which built on the work of the ANSI D19 Vehicle Procedures committee).
- D20.3 - Driver Data Technical Committee
- D20.4 - Highway Data Technical Committee
- D20.5 - Accident Data Technical Committee (extending the ANSI D15, D16 and D17 standards).
- D20.6 - Financial Responsibility Data
- D20.7 - Vehicle Inspection Data (extending the ANSI D7 and D18 standards).
- D20.8 - Reciprocity Data
- D20.9 - Communications Systems and Data Exchange
- D20.10 - Model Motorist Data Base Design
- D20.11 - Traffic Enforcement and Adjudication
- D20.12 - Emergency Medical Services

The areas covered by the sub-committees are reflected in the content covered by dictionary. The first edition of the dictionary was issued in 1979 as American National Standard ANSI D20.1-1979.

The D20 Parent Committee was dissolved and responsibility for the maintenance of the D20 dictionary was transferred to AAMVA’s Standing Committee on Motor Vehicle Information Systems (MVIS) after a 1984 ballot of the D20 Parent Committee. On May 6, 1986, MVIS formally submitted a request to ANSI that AAMVA be accredited as the sponsor charged with maintenance of the D20 Dictionary. In a letter dated August 28, 1986, ANSI notified AAMVA by that the request was approved.


Third Edition - The third edition was published in 1998 as the Data Element Dictionary for Traffic Records Systems, ANSI D20-1998. Many of the data definitions for Roadway and Accident data were removed from D20 because they were being managed by other organizations who had active subject matter experts.

The D20-1998 edition, synchronizes the Dictionary with the AAMVA data repository. The AAMVA repository was developed using as a source of reference, the different AAMVA Electronic Data Interchange applications used by the AAMVA community on a national basis. These applications encompass the driver licensing, vehicle registration and titling, and motor carrier registration business areas of the U.S. and Canadian Departments of Motor Vehicles. It is important to note that most of these applications were initially developed using D20 as a reference. New elements were created in the AAMVA repository only if the data elements did not meet the application’s exact requirements.

Fourth Edition - The fourth edition was published in April 2003 as the Data Element Dictionary for Traffic Records Systems, ANSI D20-2003. This was a minor revision, it only introduced a few updates, which were needed to keep some element definitions current with their revised uses.
**Fifth Edition** - The fifth edition was published in May 2009 as the Data Element Dictionary for Traffic Records Systems, ANSI D20-2009. This is a minor revision, it only contained a few updates, which were needed to keep some element definitions current with their revised uses.

**Sixth Edition** - The sixth edition was published in 2016 and was published without ANSI accreditation and the ANSI label have also been dropped.

When D20 was first established, the ANSI process for developing standards through consensus was selected. The ANSI name not only provided a respected label, but also provided a mechanism for creating a standard that supports data definitions used across Industry, Federal and Jurisdictional organizations. Since it was created, D20 has lagged behind the latest data definition standards and new editions merely introduced updates which were already widely in use. This was a result of the drivers of updates not being able to accommodate the ANSI process, which resulted in D20 just collecting and publishing previously approved changes. AAMVA dropped the ANSI process with the aim of allowing D20 to be updated more frequently so it can reflect data definitions currently being used.

The business applications and services that AAMVA provides support the exchange of driver and vehicle data, but not the exchange of accident/crash and roadway data. As a result, AAMVA has been unable to keep the D20 updated with this type of information. AAMVA has therefore acknowledged this limitation by restricting the scope of the D20 content so that this new edition and all futures editions will no longer include data definitions for accident/crash and roadway data. This edition also contains a few updates, which were needed to keep some element definitions current with their revised uses.

A minor revision was published in 2017, as release 6.1. It contained a few updates, which were needed to keep some element definitions current with their revised uses.

**Seventh Edition** - This edition was published in 2020. Besides the update to reflect revised definitions, the definitions of data used in CDL Tests (Driving Test, Examiner & Test Organization) by CSTIMS and ROOSTR applications was added.

**Eighth Edition** - This edition was published in 2023. It includes updates to reflect current business definitions. To support current technologies, two copies of D20 are now available. The AMIE version is a continuation of the earlier editions of D20. A new JSON version of D20 is now also available, which presents data formats more suited to technologies like web-services.

Earlier release of the document contained group elements with the sub-elements separated by spaces. The space separated sub-elements, is not a practice used in current systems. So updates were also made to these group fields to support their use in JSON data definitions.

### 2.3 D20 Maintenance Procedures

This Standard is the product of a dynamic environment and it is expected that improvements to the Standard may be necessary on a regular basis.

The terminology and codes used in the D20 dictionary come from many sources. Whenever possible definitions from other standards, practices and rules are used to maintain consistency.

Most requests to enhance D20, originate from Motor Vehicle Agency systems, because the D20 data definitions are used in the exchange of data between these systems. Within these systems the changes are often driven by federal mandates or come from the Working-group responsible for overseeing these systems.

However, D20 is an open standard, therefore any interested party may submit a request to update D20. Requests should be emailed to AAMVA Enterprise Architecture (EnterpriseArchitecture@aamva.org).

### 2.4 References by D20

The following standards contain provisions which, through reference in this text, may constitute provisions of this standard. All standards are subject to revision, and parties to agreements based on this standard are encouraged to investigate the possibility of applying the most recent edition of the standards indicated below.

2.5 REFERENCES TO D20

The following standards reference content in D20.

2.5.1 Federal Regulations

Some Federal Regulations specify data requirements which indirectly call for the definitions described in D20. For example: Driver History Record (see Driver Control Record (on page 24)) defined by AAMVA for CDLIS, is a collection of data elements documented in D20. The following federal regulations reference the Driver History Record:
• 23 CFR 1327.2
• 49 CFR 384.225

Note: The regulations for the Highway Safety Act of 1966 (23 USC §148), originally required motor vehicle agencies to develop systems that could exchange data in a standard form. This requirement led to the establishment of D20. By 2012 these systems had been developed so this clause was removed from the regulations.

2.5.2 DL/ID Card Standard

The DL/ID Card Standard is a best practice published by AAMVA for North American driver licensing agencies to design their Driver License and ID Cards. The data elements in the standard share business definitions with the elements in D20. However the physical formats used for an elements on a messages and on a card standard are different. Elements with code lists do however match and the standard references the definitions D20 for these elements:

<table>
<thead>
<tr>
<th>Bar Code</th>
<th>D20 Element</th>
</tr>
</thead>
<tbody>
<tr>
<td>Header #6</td>
<td>BJUCDE - Jurisdiction Code</td>
</tr>
<tr>
<td>DCN</td>
<td>DDLEND - Driver License Endorsement Code</td>
</tr>
<tr>
<td>DCO</td>
<td>DDLRSC - Driver License Restriction Code</td>
</tr>
<tr>
<td>DAY</td>
<td>DDEVYE - Driver Eye Color</td>
</tr>
<tr>
<td>DAZ</td>
<td>DDVHCL - Driver Hair Color</td>
</tr>
<tr>
<td>DCL</td>
<td>DDVRAC - Driver Race And Ethnicity</td>
</tr>
</tbody>
</table>

2.5.3 Model Minimum Uniform Crash Criteria MMUCC

To encourage greater uniformity, the National Highway Traffic Safety Administration (NHTSA) and the Governors Highway Safety Association (GHSA) developed a voluntary data collection guideline. The MMUCC guideline identifies a minimum set of motor vehicle crash data elements and their attributes that States should consider collecting and including in their State crash data system.

MMUCC describes data elements collected at a crash scene. Some elements in MMUCC include mapping to the equivalent element in D20:

<table>
<thead>
<tr>
<th>MMUCC 6th Edition Element</th>
<th>D20 Element</th>
</tr>
</thead>
<tbody>
<tr>
<td>C1. Crash Date</td>
<td>Crash Date (DACDAT)</td>
</tr>
<tr>
<td>C4. County or Equivalent</td>
<td>Crash County (DACCOU)</td>
</tr>
<tr>
<td>D2. Driver Address</td>
<td>Driver Residence Address (DDVRAD)</td>
</tr>
<tr>
<td>D4. Driver License Number</td>
<td>Driver License Number (DDLNUM)</td>
</tr>
<tr>
<td>D9. Violation Codes</td>
<td>ACD*</td>
</tr>
<tr>
<td>P2. Name of Person Involved</td>
<td>Driver Name (DDVNAM)</td>
</tr>
<tr>
<td>P3. Date of Birth</td>
<td>Driver Date Of Birth (DDVDOB)</td>
</tr>
<tr>
<td>P7. Injury Status</td>
<td>Crash Severity Code (DAVSEV)</td>
</tr>
<tr>
<td>V10. Motor Vehicle Make</td>
<td>Vehicle Make (VVHMAK)</td>
</tr>
<tr>
<td>V11. Motor Vehicle Model Year</td>
<td>Vehicle Model Year (VVHYME)</td>
</tr>
<tr>
<td>V12. Motor Vehicle Model</td>
<td>Vehicle Model (VVHMNA)</td>
</tr>
<tr>
<td>V13. Motor Vehicle Body Type Category</td>
<td>Vehicle/Vessel Body Type (VVHST)</td>
</tr>
<tr>
<td></td>
<td>Vehicle Number Of Seats (VVHNSE)</td>
</tr>
<tr>
<td>V14 Power Unit Gross Vehicle Weight Rating (GVWR)</td>
<td>Gross Vehicle Weight Rating (VVHGWR)</td>
</tr>
<tr>
<td>V16. Hazardous Materials Involvement (subfield 1)</td>
<td>Driver Crash HAZMAT Indicator (DDAHAZ)</td>
</tr>
<tr>
<td>-----------------------------</td>
<td>----------------------------------</td>
</tr>
<tr>
<td>V2. Vehicle Identification Number (VIN)</td>
<td>Vehicle Identification Number (V VHVIN)</td>
</tr>
<tr>
<td>V4. Vehicle Owner and Address</td>
<td>Registrant Name (VRG050)  Registrant Address, Mailing (VRG030)</td>
</tr>
<tr>
<td>V5. Motor Carrier or Responsible Entity Identification</td>
<td>Carrier Jurisdiction &amp; Number Group (MMCJUN)  Carrier US DOT Number (MMCD02)</td>
</tr>
<tr>
<td>V7. Motor Carrier or Responsible Entity Name and Address</td>
<td>Carrier Doing Business As Name (MMCDNM)  Carrier Legal Name (MMCLNM)</td>
</tr>
<tr>
<td>V8. Motor Vehicle Registration State</td>
<td>Registration Jurisdiction (VRGJUR)</td>
</tr>
<tr>
<td>V9. Motor Vehicle License Plate Number</td>
<td>Plate Number (VRGPLN)</td>
</tr>
</tbody>
</table>

*Note: ACD is not an element, but a standardized list of codes used to identify safety related traffic violations. For more information see https://www.aamva.org/technology/technology-standards/acd.*

### 2.5.4 National Information Exchange Model (NIEM)

NIEM is a common vocabulary that enables efficient information exchange. NIEM was built to support XML exchanges and holds its definitions in XML Schema. While NIEM is sponsored by federal and state agencies it is intended for communication across diverse public and private organizations. As a subject matter expert, AAMVA contributed D20 driver and vehicle data element definitions to NIEM. NIEM references a number of D20 code lists.

### 2.6 Personally Identifiable Information (PII)

PII is any data that could potentially identify a specific individual. The National Institute of Standards and Technology (NIST) Special Publication 800-122 defines personally identifying information as "any information about an individual maintained by an agency, including:

1. any information that can be used to distinguish or trace an individual’s identity, such as name, social security number, date of birth, place of birth, mother’s maiden name, or biometric records; and
2. any other information that is linked or linkable to an individual, such as medical, educational, financial, and employment information." So, for example, a user’s IP address is not classed as PII on its own, but is classified as a linked PII.

The following data, often used for the express purpose of distinguishing individual identity, clearly classify as personally identifiable information (under the definition used by the NIST):

- Driver License Number
- Social Security Number
- Passport Number
- Alien Registration Number
- Bank account numbers
- Credit card numbers

The following are less often used to distinguish individual identity, because they are traits shared by many people. However, they are potentially PII, because they may be combined with other personal information to identify an individual.

- Full Name
- Date Of Birth
- Sex or Race
- Home Address (Street, City, State, Postcode, Country)
- Telephone Number
- Last 4 digits of SSN
- Web cookie

PII protection is mandated by a number of laws:
The U.S. Privacy Act of 1974 (Pub. L. 93–579, 88 Stat. 1896, 5 USC § 552a), establishes a Code of Fair Information Practice that governs the collection, maintenance, use, and dissemination of personally identifiable information about individuals that is maintained in systems of records by federal agencies.

The U.S. Driver’s Privacy Protection Act of 1994 (DPPA) (18 USC § 2725), prohibits the disclosure of personal information without the express consent of the person to whom such information applies, with the exception of certain circumstances. These rules also imposes record-keeping requirements on the "authorized recipients". Personal information means information that identifies an individual. It does not include information on vehicular accidents, driving violations, and driver’s status, but this law does classify the following data as Personal information:

- Social Security Number
- Driver License Number
- Name
- Address (but not the 5-digit zip code)
- Telephone Number
- Photograph (Digital Image)
- Medical information
- Disability information

The U.S. Health Insurance Portability and Accountability Act of 1996 (HIPAA) (45 CFR 160 and 164), includes provisions to protect a patient’s Protected Health Information (PHI), which is similar to PII.

Title 18 USC § 1028d(7) specifies rules about fraud and related activity in connection with identification documents (which contain PII), authentication features, and information.

The U.S. Freedom of Information Act (FOIA), (5 USC § 552) grants public access to government records. However the law contains a clause which excludes information that is prohibited from disclosure by another federal law, so the U.S. laws listed above take precedence over FOIA on the protection of PII.

California:
- The California state constitution declares privacy an inalienable right in Article 1, Section 1.
- California Online Privacy Protection Act (OPPA) of 2003 has requirements for commercial websites handling PII, to include a privacy policy.
- California SB 1386 requires organizations to notify individuals when PII (in combination with one or more additional, specific data elements) is known or believed to be acquired by an unauthorized person.
- The California State Supreme Court in 2011, ruled that a person’s ZIP code is PII.

Massachusetts:
- Massachusetts 201 CMR 17.00: Standards for The Protection of Personal Information of Residents of the Commonwealth.
- The Massachusetts Supreme Court in 2013 ruled that ZIP codes are PII.

Nevada: Nevada Revised Statutes 603A - Security of Personal Information.

The U.S. Senate has proposed but not yet passed a number of additional laws relating to PII and public concern could lead to other new legislation. It is important to monitor new federal and state legislation.

When data is stored or exchanged, PII can be classified as sensitive or non-sensitive.

Sensitive PII is information which, when disclosed, could result in harm to the individual whose privacy has been breached. It is recommended that sensitive PII should be encrypted in transit and when data is at rest. Such information includes unique identifiers (such as license, passport or Social Security numbers), a combination of fields that identify a person, biometric information, medical information and/or personally identifiable financial information (PIFI),

Non-sensitive PII has a lower level of requirements for protection, as its release would not result in harm to the individual. Non-sensitive PII can be easily gathered from public records, phone books, corporate directories and websites.
Appendix A: DATA DICTIONARY

A.1 DATA DICTIONARY INTRODUCTION

This data dictionary describes the data elements, their business description, format, and implementation names.

This dictionary is organized with:

- **Referenced Material**—presenting the information which is referenced by the elements.
- **Data Element Definitions**—including all the elements ordered by their six character identifier, to make it easy to reference an element. The elements are grouped by the object in which they belong. This grouping is possible because the first three characters of the element identifiers are coded by object (e.g. all the Jurisdiction Elements have an identifier starting with "BJU" so can be grouped under the Jurisdiction object).

You also can use the dictionary to find an element by its identifier or by its clear name.

The following image shows the information included in the definition of an element:

Each element includes:

1. A clear name
3. The source definition, which describes where the definition came from.
4. The source of data, which describes where the data originates.
5. The logical format, provides a non-implementation definition of the data type and size.
6. The element identifier is a six character code that may be used to reference an element.
7. The implementation details include the physical format and the label used to identify the element in a given implementation.

When the following are applicable to an element they are also included:

8. Synonym list other names by which the element may be known.
9. Values and Descriptions list code values that are used on code elements.
10. Usage Notes provide information on how the element is used (this is not shown in the example above because it is not applicable to the element).

A.1.1 Implementation Details

At the implementation level, the details of an element will vary according to the needs of the computer environment where the element is being used. AAMVA primarily supports implementations using the AMIE, NIEM and REST formats. REST was developed to provide a standard framework for elements using JSON. So the dictionary includes:

- The **JSON tag** used to identify the element. In JSON exchanges, fields belonging to a common group, will have a parent element for the group and the fields are then listed as child elements within the group. The tag names for elements, follow industry conventions and do not repeat the parent name in the child names, e.g. a Vehicle Length element will have a tag of "length", under the "vehicle" parent:

  "vehicle": {


• The data type of the element.

JSON was defined to support certain data types. OpenAPI (Swagger) describes a JSON payload but it has some differences in the way it describes the data types. In AAMVA documentation, the type descriptions are extended to provide even more detail.

<table>
<thead>
<tr>
<th>AAMVA Description</th>
<th>OpenAPI</th>
<th>JSON</th>
</tr>
</thead>
<tbody>
<tr>
<td>boolean: a true/false indicator represented as &quot;true&quot; or &quot;false&quot;</td>
<td>boolean: a true/false indicator represented as &quot;true&quot; or &quot;false&quot;</td>
<td>boolean: a true/false indicator represented as &quot;true&quot; or &quot;false&quot;</td>
</tr>
<tr>
<td>number: a decimal number</td>
<td>number: an integer or a decimal number</td>
<td>number: an integer or a decimal number</td>
</tr>
<tr>
<td>number-integer: a number without decimal places</td>
<td>integer: a number without decimal places</td>
<td></td>
</tr>
<tr>
<td>string: alpha numeric characters</td>
<td>string: alpha numeric characters</td>
<td>string: alpha numeric characters</td>
</tr>
<tr>
<td>string-base64: String data that has been encoded as base-64.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>string-code: String data that holds a specified code value.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>string-date: String data that holds a date in CCYY-MM-DD form.</td>
<td>string: and may include &quot;format&quot;: &quot;date&quot;</td>
<td></td>
</tr>
<tr>
<td>string-date-time: String data that holds a date-time stamp in ISO 8601 ccyy-mm-ddThh:mm:ssZ form.</td>
<td>string: and may include &quot;format&quot;: &quot;date-time&quot;</td>
<td></td>
</tr>
<tr>
<td>group: a collection of sub-elements</td>
<td>object: a set of name-value pairs,</td>
<td>object: a set of name-value pairs,</td>
</tr>
<tr>
<td></td>
<td>array: a set of repeating element(s).</td>
<td>array: a set of repeating element(s).</td>
</tr>
<tr>
<td></td>
<td>Null is not used (though a nullable attribute could be used).</td>
<td>null: an empty element</td>
</tr>
</tbody>
</table>

**A.1.2 Organization of D20 Data Elements**

The D20 data elements are presented in the D20 Elements section of this document. The data elements are grouped with associated elements and each group is presented in a sub-section, e.g. the data elements used to describe a motor vehicle crash are in the Crash Elements sub-section.

The following diagram shows the groups used in this document and the primary relationships between the groups. The relationship lines have crow foot icons. The narrow end points to the parent and the splayed end the children.
The shading indicates the business areas where use of these groups of data are most commonly used:

- Purple objects: Driver Licensing (i.e. AAMVA applications: CDLIS/SPEXS & PDPS)
- Blue objects: Vehicle recording which is sub-divided
  - Light Blue: Vehicle Titling (i.e. AAMVA applications: NMVTIS & ELT)
  - Dark Blue: Vehicle Registration (i.e. AAMVA applications: BPEVR)

A.2 REFERENCED MATERIAL

This section presents the information which is referenced by the elements in the dictionary.

A.2.1 AAMVA Person Name Rule

1. Rules for Delimiting Components within the Name Field

The Name field contains the following sub-fields:

- First Name (required)
- Middle Name(s) (optional)
- Last Name (required)
- Suffix Code (optional)

2. Format Rules

a) All of the Name fields
   i. All characters are in upper case.
ii. All letters must be part of the English alphabet. Letters from other alphabets must be transformed to their English equivalents (see Printable Characters).

iii. If a person only has a one word name, the name is coded in both the Last Name and First Name components.

b) Last Name component

The Last Name component contains only alphabetic characters and up to one embedded hyphen. Characters such as second hyphens, apostrophes, or spaces must be deleted when the Last Name component is coded.

The following illustrates these rules:

<table>
<thead>
<tr>
<th>Case</th>
<th>Source Name</th>
<th>Encoded Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>i) Only one embedded hyphen allowed</td>
<td>Last-Name</td>
<td>LAST-NAME</td>
</tr>
<tr>
<td>ii) No leading hyphen allowed</td>
<td>-LastName</td>
<td>LASTNAME</td>
</tr>
<tr>
<td>iii) No trailing hyphen allowed</td>
<td>LastName-</td>
<td>LASTNAME</td>
</tr>
<tr>
<td>iv) No apostrophes allowed</td>
<td>La'Name</td>
<td>LANAME</td>
</tr>
<tr>
<td>v) No spaces allowed</td>
<td>Last Name</td>
<td>LASTNAME</td>
</tr>
<tr>
<td>vi) No numbers allowed</td>
<td>Last9Name</td>
<td>LASTNAME</td>
</tr>
</tbody>
</table>

c) First Name component

The First Name component contains only alphabetic characters. Any non-alphabetic characters, such as hyphens, apostrophes, and spaces, must be deleted when the First Name component is coded.

The following illustrates these rules:

<table>
<thead>
<tr>
<th>Case</th>
<th>Source Name</th>
<th>Encoded Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>i) No hyphens allowed</td>
<td>First-Name</td>
<td>FIRSTNAME</td>
</tr>
<tr>
<td>ii) No apostrophes allowed</td>
<td>First'Name</td>
<td>FIRSTNAME</td>
</tr>
<tr>
<td>iii) No spaces allowed</td>
<td>First Name</td>
<td>FIRSTNAME</td>
</tr>
<tr>
<td>iv) No numbers allowed</td>
<td>First9Name</td>
<td>FIRSTNAME</td>
</tr>
</tbody>
</table>

d) Middle Name component

The Middle Name component, if submitted, contains only alphabetic characters and spaces. Single or multiple middle names may be coded. Use one space between multiple middle names. Other characters such as apostrophes or hyphens must be deleted when the Middle Name component is coded.

The following illustrates these rules:

<table>
<thead>
<tr>
<th>Case</th>
<th>Source Name</th>
<th>Encoded Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>i) One space between middle names required</td>
<td>MidNameOne MidNameTwo</td>
<td>MIDNAMEONE MIDNAMETWO</td>
</tr>
<tr>
<td>ii) Hyphen not allowed</td>
<td>Mid-Name</td>
<td>MIDNAME</td>
</tr>
<tr>
<td>iii) Apostrophe not allowed</td>
<td>Mid'Name</td>
<td>MIDNAME</td>
</tr>
<tr>
<td>iv) Numbers not allowed</td>
<td>Mid9Name</td>
<td>MIDNAME</td>
</tr>
</tbody>
</table>

e) Suffix Code component
The Suffix Code component, if submitted, can contain only one of the Suffix Codes shown in the following table.

<table>
<thead>
<tr>
<th>Suffix</th>
<th>Meaning or Synonym</th>
</tr>
</thead>
<tbody>
<tr>
<td>JR</td>
<td>Junior</td>
</tr>
<tr>
<td>SR</td>
<td>Senior or Esquire</td>
</tr>
<tr>
<td>1ST</td>
<td>First</td>
</tr>
<tr>
<td>2ND</td>
<td>Second</td>
</tr>
<tr>
<td>3RD</td>
<td>Third</td>
</tr>
<tr>
<td>4TH</td>
<td>Fourth</td>
</tr>
<tr>
<td>5TH</td>
<td>Fifth</td>
</tr>
<tr>
<td>6TH</td>
<td>Sixth</td>
</tr>
<tr>
<td>7TH</td>
<td>Seventh</td>
</tr>
<tr>
<td>8TH</td>
<td>Eighth</td>
</tr>
<tr>
<td>9TH</td>
<td>Ninth</td>
</tr>
</tbody>
</table>

3. Field Length and Truncation Rules:
The components of the name can have the following lengths

- Last Name: 1 to 33 characters
- First Name: 1 to 33 characters
- Middle Name: 0 to 31 characters
- Suffix Code 0, 2 or 3 characters

A name may be shortened when non-allowable characters are dropped by rule 2 above. If the length of a source Name component still exceeds the maximum size, trailing characters must be truncated.

A.2.2 AAMVA Person Name Rule 2008

This new Person Name Rule replaces the earlier edition of the name rule. The main difference between them, is the earlier rule used a single field with "@" characters delimiting the components of the name and this new rule uses separate sub-fields for each component of the name.

Components of the Name

Each part of the name is held in an individual component field as described below. Note that the labels on the fields in the structure column are generic identifiers. The example column shows the labels used in one of the groups of name elements:

<table>
<thead>
<tr>
<th>Structure</th>
<th>Length</th>
<th>Example Elements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group_Name: all the components in a name</td>
<td></td>
<td>Person Name Group (BPENGP)</td>
</tr>
<tr>
<td>First_Name</td>
<td>up to 40</td>
<td>Person First Name (BPENFT)</td>
</tr>
<tr>
<td>Middle_Name(s)</td>
<td>up to 35</td>
<td>Person Middle Name (BPENMD)</td>
</tr>
<tr>
<td>Last_Name</td>
<td>up to 40</td>
<td>Person Last Name (BPENLT)</td>
</tr>
<tr>
<td>Suffix</td>
<td>up to 5</td>
<td>Person Suffix (BPENSX)</td>
</tr>
<tr>
<td>Truncation_Code for the First_Name</td>
<td>1</td>
<td>Person First Name Truncation Code (BPENTF)</td>
</tr>
<tr>
<td>Truncation_Code for the Middle_Name(s)</td>
<td>1</td>
<td>Person Middle Name Truncation Code (BPENTM)</td>
</tr>
<tr>
<td>Truncation_Code for the Last_Name</td>
<td>1</td>
<td>Person Last Name Truncation Code (BPENTL)</td>
</tr>
<tr>
<td>Transliteration_Code for the First_Name</td>
<td>1</td>
<td>Person First Name Transliteration (BPENRF)</td>
</tr>
<tr>
<td>Transliteration_Code for the Middle_Name(s)</td>
<td>1</td>
<td>Person Middle Name Transliteration (BPENRM)</td>
</tr>
<tr>
<td>Transliteration_Code for the Last_Name</td>
<td>1</td>
<td>Person Last Name Transliteration (BPENRL)</td>
</tr>
</tbody>
</table>
The following rules apply to these fields:

1. Name components that are longer than the allowed field lengths are truncated as described in the Truncation section below.
2. If an individual has only a single name, the name is stated in the Last_Name field and the First and Middle Name fields are omitted.
3. The Truncation_Code for the First_Name field is present if and only if the First_Name field is present.
4. The Truncation_Code for the Last_Name field is present if and only if the Last_Name field is present.
5. The Truncation_Code for the Middle_Name(s) field is present if and only if the Middle_Name(s) field is present.
6. The Transliteration_Code for the First_Name field is present if and only if the First_Name field is present.
7. The Transliteration_Code for the Last_Name field is present if and only if the Last_Name field is present.
8. The Transliteration_Code for the Middle_Name(s) field is present if and only if the Middle_Name(s) field is present.
9. Any field not used is omitted.

**Allowable Characters**

1. The First_Name, Last_Name and Middle_Name(s) fields, use a subset of the AAMVA Printable Characters. Within these names the following characters can be used:
   a. Letters: a to z and A to Z.
      - Uppercase, lowercase and mixed cases are allowed (e.g. the First_Name fields "John", "JOHN" or "john" are all valid and have the same meaning).
      - Only letters from the Latin (i.e. English) alphabet are allowed. Non-Latin letters are transliterated to Latin letters, see the Printable Characters section for more details. Any remaining non-Latin letter must be dropped.
   b. Numeric Digits: 0 to 9.
   c. Special characters: The following special characters may be used in a name. Any other character must be dropped from the names.

<table>
<thead>
<tr>
<th>Name</th>
<th>Character</th>
<th>Name</th>
<th>Character</th>
<th>Name</th>
<th>Character</th>
</tr>
</thead>
<tbody>
<tr>
<td>Space</td>
<td></td>
<td>Plus sign</td>
<td>+</td>
<td>Commercial at</td>
<td>@</td>
</tr>
<tr>
<td>Exclamation mark</td>
<td>!</td>
<td>Comma</td>
<td>,</td>
<td>Reverse solidus</td>
<td>\</td>
</tr>
<tr>
<td>Quotation mark</td>
<td>&quot;</td>
<td>Hyphen-minus</td>
<td>-</td>
<td>Low line</td>
<td>_</td>
</tr>
<tr>
<td>Number sign</td>
<td>#</td>
<td>Full stop / Period</td>
<td>•</td>
<td>Grave accent</td>
<td>'</td>
</tr>
<tr>
<td>Percent sign</td>
<td>%</td>
<td>Solidus</td>
<td>/</td>
<td>Left curly bracket</td>
<td>(</td>
</tr>
<tr>
<td>Ampersand</td>
<td>&amp;</td>
<td>Colon</td>
<td>:</td>
<td>Vertical line</td>
<td></td>
</tr>
<tr>
<td>Apostrophe</td>
<td>'</td>
<td>Semicolon</td>
<td>;</td>
<td>Right curly bracket</td>
<td>)</td>
</tr>
<tr>
<td>Left parenthesis</td>
<td>(</td>
<td>Equals sign</td>
<td>=</td>
<td>Tilde</td>
<td>~</td>
</tr>
<tr>
<td>Right parenthesis</td>
<td>)</td>
<td>Greater-than sign</td>
<td>&gt;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Asterisk</td>
<td>*</td>
<td>Question mark</td>
<td>?</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

2. Spaces in the First_Name, Last_Name, Middle_Name(s) and Suffix fields:
   a. Trailing spaces are allowed but have no meaning. A trailing character is the character that appears at the rightmost position in a field.
   b. Leading spaces are not allowed. A leading character is the character that appears at the leftmost position in a field.
   c. Except for trailing spaces, a space character may not appear adjacent to another space character.

3. The following formatting rules apply to the Suffix field:
When present, this field may only contain one of the values shown in the following table.

<table>
<thead>
<tr>
<th>Suffix</th>
<th>Meaning or Synonym</th>
</tr>
</thead>
<tbody>
<tr>
<td>JR</td>
<td>Junior</td>
</tr>
<tr>
<td>SR</td>
<td>Senior or Esquire</td>
</tr>
<tr>
<td>1ST</td>
<td>First</td>
</tr>
<tr>
<td>2ND</td>
<td>Second</td>
</tr>
<tr>
<td>3RD</td>
<td>Third</td>
</tr>
<tr>
<td>4TH</td>
<td>Fourth</td>
</tr>
<tr>
<td>5TH</td>
<td>Fifth</td>
</tr>
<tr>
<td>6TH</td>
<td>Sixth</td>
</tr>
<tr>
<td>7TH</td>
<td>Seventh</td>
</tr>
<tr>
<td>8TH</td>
<td>Eighth</td>
</tr>
<tr>
<td>9TH</td>
<td>Ninth</td>
</tr>
</tbody>
</table>

4. The following formatting rules apply to the Truncation and Transliteration Code fields:

When present, this field may only contain one of the values shown in the following table.

<table>
<thead>
<tr>
<th>Code</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>T</td>
<td>Field content Truncated/Transliterated</td>
</tr>
<tr>
<td>N</td>
<td>Field content not Truncated/Transliterated</td>
</tr>
<tr>
<td>U</td>
<td>Unknown whether or not the field content was altered. This value is used when transitioning from an older name rule where the information is not available.</td>
</tr>
</tbody>
</table>

**Field Length and Truncation Rules**

For all name fields, characters are eliminated from a field in the following order until the name fits into the field:

- Starting from the right and moving to the left, eliminate spaces adjacent to hyphens
- Starting from the right and moving to the left, eliminate apostrophes
- Starting from the right and moving to the left, eliminate any remaining special characters, excluding:
  - Hyphens
  - Remaining spaces
  - Characters immediately following a hyphen or a space

Example: If a person’s middle names are "V'Erylongmiddlename01 V'Erylongmiddlename02 Marie – Louise" (58 characters), the truncation sequence will progress as follows:

- Remove spaces adjacent to hyphens, resulting in "V'Erylongmiddlename01 V'Erylongmiddlename02 Marie–Louise" (56 characters)
- Remove apostrophes, resulting in "V'Erylongmiddlename01 V'Erylongmiddlename02 Marie–Louise" (54 characters)
- Remove other characters as allowed, resulting in "V'Erylongmiddlename01 V'Erylongmi M–L" (35 characters)

**A.2.3 Address Format**

The address contains a number of sub-fields for holding the components of an address.

Different lengths have been specified for use by specific address elements. Individual elements specify if they use the short address or the long address format.

The components of both formats are:
Appendix A: Data Dictionary

<table>
<thead>
<tr>
<th>Element</th>
<th>Format</th>
<th>Presence on US Address</th>
<th>Presence on Foreign Address</th>
<th>Long address Max Size</th>
<th>Short address Maxi Size</th>
<th>Tag</th>
</tr>
</thead>
<tbody>
<tr>
<td>Street Address Line 1</td>
<td>AN</td>
<td>Required</td>
<td>Required</td>
<td>35</td>
<td>20</td>
<td>line1</td>
</tr>
<tr>
<td>Street Address Line 2</td>
<td>AN</td>
<td>Optional</td>
<td>Optional</td>
<td>35</td>
<td>20</td>
<td>line2</td>
</tr>
<tr>
<td>City (and/or foreign country)</td>
<td>AN</td>
<td>Required</td>
<td>Required</td>
<td>20</td>
<td>15</td>
<td>city</td>
</tr>
<tr>
<td>State Code</td>
<td>AN</td>
<td>Required</td>
<td>Optional</td>
<td>2</td>
<td>2</td>
<td>stateCode</td>
</tr>
<tr>
<td>ZIP Code</td>
<td>AN</td>
<td>Required</td>
<td>Optional</td>
<td>5</td>
<td>5</td>
<td>postalCode</td>
</tr>
<tr>
<td>ZIP+4</td>
<td>AN</td>
<td>Optional</td>
<td>Optional</td>
<td>4</td>
<td>4</td>
<td>postalExtensionCode</td>
</tr>
</tbody>
</table>

### A.2.4 Driver Addresses

Most people live and receive their mail at the same address, but some people do not have a fixed residence, or have multiple residences. Many but not all jurisdictions have residency regulations for receiving a license or ID Card, a person must live at a fixed residence.

To be able to support all jurisdictions, a jurisdictions Driver History Record has two addresses, a Mailing and a Residence Address. To minimize the data exchanged in electronic messages:

- The Mailing Address is always sent.
- The Residence Address is only sent if it is different to the Mailing Address.

Examples:

<table>
<thead>
<tr>
<th>Condition</th>
<th>Mailing Address</th>
<th>Residence Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>One address. <em>(The most common case)</em>.</td>
<td>12 MAIN ST BANGOR ME 04401</td>
<td>12 MAIN ST BANGOR ME 04401</td>
</tr>
<tr>
<td>Alternate mailing address, for a snowbird.</td>
<td>12 SUNNY RD MIAMI BEACH FL 33140</td>
<td>12 MAIN ST BANGOR ME 04401</td>
</tr>
<tr>
<td>No fixed address, using a mail service.</td>
<td>C/O MY RV MAIL 12 MAIN ST</td>
<td>C/O MY RV MAIL 12 MAIN ST</td>
</tr>
<tr>
<td>Use of PO Box when no mail delivery to rural home.</td>
<td>PO BOX 21 BANGOR ME 04401</td>
<td>16 MILES NORTH OF RT 2 BANGOR ME 04401</td>
</tr>
<tr>
<td>Homeless.</td>
<td>GENERAL DELIVERY HELENA MT 59601</td>
<td>UNDER THE WEST END OF THE EAST STREET BRIDGE HELENA MT 59601</td>
</tr>
</tbody>
</table>

One address will always be printed on the front of a Driver License Card:

- FMCSA regulations for CDLs, require the Mailing Address be printed on the card.
- REAL ID Act (section 37.17) require the Residence Address be printed on the card, but allows exceptions including DMV procedures which permit the display of an alternative address.

Different jurisdictions have adopted the rules to different extents, so while the address on a card tends to be the residence address, this is not always the case.

The practices for handling address changes varies from jurisdiction to jurisdiction. The most common practice is:

- Residents are required to report address changes to the motor vehicle agency. The agency records the address change in their Driver History Record. A new license or ID Card is only issued if the person wishes to pay to have a new card issued.
A.2.5  ACD

The AAMVA Code Dictionary (ACD) is a set of codes used to identify:

- The type of driver conviction, or
- The reason for a driver withdrawal


Usage Note: Individual jurisdictions may or may not use ACD codes within their systems but all jurisdictions use the ACD codes when communicating offense data with each other.

Without ACD every jurisdiction would need to understand the native convictions of every other jurisdiction. With ACD a jurisdiction only needs to know their own convictions and the comparable conviction in ACD. So ACD serves as a common language for exchanging conviction and withdrawals.

Example: For an offense of "Speeding, 16-20 mph over speed limit"

Jurisdictions do not need to know all the native state codes (LA:449, OR:S16, VA:B46.2-870, etc.) used in other jurisdictions. They only need to convert conviction codes between their native code and ACD (S16).

A.2.6  Brand Code Values

A two character code providing information about the brand applied to the title or odometer.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description of Title Brands</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>Clear - No brand exists for the vehicle.</td>
</tr>
<tr>
<td>01</td>
<td>Flood damage - Vehicle damaged by freshwater flood (or it is unknown whether the damage was caused by fresh water or salt water).</td>
</tr>
<tr>
<td>02</td>
<td>Fire damage - Vehicle damaged by fire.</td>
</tr>
<tr>
<td>03</td>
<td>Hail damage - Vehicle damaged by hail.</td>
</tr>
<tr>
<td>04</td>
<td>Salt water damage - Vehicle damaged by saltwater flood.</td>
</tr>
<tr>
<td>05</td>
<td>Vandalism - Vehicle damaged by vandals.</td>
</tr>
<tr>
<td>06</td>
<td>Kit - A Vehicle that has been built by combining a chassis with a different (non-matching VIN) frame, engine, and body parts. The VIN on the chassis is used as the vehicle's VIN.</td>
</tr>
<tr>
<td>07</td>
<td>Dismantled - The vehicle can only be sold as parts and cannot be legally driven.</td>
</tr>
<tr>
<td>08</td>
<td>Junk - The vehicle is incapable of safe operation for use on the roads or highways and has no resale value except as a source of parts or scrap, or the vehicle's owner has irreversibly designated the vehicle</td>
</tr>
<tr>
<td>Code</td>
<td>Description of Title Brands</td>
</tr>
<tr>
<td>------</td>
<td>----------------------------</td>
</tr>
<tr>
<td>09</td>
<td>Rebuilt - The vehicle, previously branded &quot;salvage&quot;, has passed anti-theft and safety inspections, or other jurisdiction procedures, to ensure the vehicle was rebuilt to required standards. Also known as prior salvage (salvaged).</td>
</tr>
<tr>
<td>10</td>
<td>Reconstructed - A vehicle that has been permanently altered from original construction by removing, adding, or substituting major components.</td>
</tr>
<tr>
<td>11</td>
<td>Salvage--Damage or Not Specified - Any vehicle which has been wrecked, destroyed or damaged, to the extent that the total estimated or actual cost of parts and labor to rebuild or reconstruct the vehicle to its pre-accident condition and for legal operation on roads or highways exceeds a jurisdiction-defined percentage of the retail value of the vehicle. The retail value of the vehicle is determined by a current edition of a nationally recognized compilation (to include automated data bases) of retail values. Salvage--Damage or Not Specified also includes any vehicle to which an insurance company acquires ownership pursuant to a damage settlement, or any vehicle that the vehicle's owner may wish to designate as a salvage vehicle by obtaining a salvage title, without regard to extent of the vehicle's damage and repairs, or any vehicle for which the jurisdiction cannot distinguish the reason the vehicle was designated salvage.</td>
</tr>
<tr>
<td>12</td>
<td>Test Vehicle - The vehicle is built and retained by the manufacturer or has been retrofitted by a third party for testing and may not be considered roadworthy after testing is complete.</td>
</tr>
<tr>
<td>13</td>
<td>Refurbished - Any vehicle modified by the installation of a new cab and chassis for the existing coach which has been renovated, resulting in a vehicle of greater value or a vehicle with a new style.</td>
</tr>
<tr>
<td>14</td>
<td>Collision - Vehicle damaged by collision.</td>
</tr>
<tr>
<td>15</td>
<td>Reserved. Eliminated in favor of code 09. Code 15 was &quot;Prior Salvage.&quot;</td>
</tr>
<tr>
<td>16</td>
<td>Salvage Retention - The vehicle is branded salvage and is kept by the owner.</td>
</tr>
<tr>
<td>17</td>
<td>Prior Taxi - Vehicle previously registered as a taxi.</td>
</tr>
<tr>
<td>18</td>
<td>Prior Police - Vehicle previously registered as a police vehicle.</td>
</tr>
<tr>
<td>19</td>
<td>Original Taxi - Vehicle is currently registered as a taxi.</td>
</tr>
<tr>
<td>20</td>
<td>Original Police - Vehicle is currently registered as a police vehicle.</td>
</tr>
<tr>
<td>21</td>
<td>Re-manufactured - Vehicle was reconstructed by the manufacturer.</td>
</tr>
<tr>
<td>22</td>
<td>Reserved. Eliminated - Has been replaced by brands '45' and '46', as of 6/25/01</td>
</tr>
<tr>
<td>23</td>
<td>Warranty Return - Vehicle returned to the manufacturer because of a breach in the warranty.</td>
</tr>
<tr>
<td>24</td>
<td>Antique - The vehicle is over 50 years old.</td>
</tr>
<tr>
<td>25</td>
<td>Classic - The vehicle is over 20 years old and adheres to other jurisdiction-specific criteria, e.g., vehicle make, condition, etc.</td>
</tr>
<tr>
<td>26</td>
<td>Agricultural Vehicle - The vehicle will primarily be operated on private roads for agricultural purposes.</td>
</tr>
<tr>
<td>27</td>
<td>Logging Vehicle - The vehicle will primarily be operated on private roads for logging purposes.</td>
</tr>
<tr>
<td>28</td>
<td>Street Rod - The vehicle has been modified to not conform with the manufacturer's specifications, and the modifications adhere to jurisdiction-specific criteria.</td>
</tr>
<tr>
<td>29</td>
<td>Vehicle Contains Reissued VIN - The chassis VIN has been reissued, i.e. the same VIN is reused.</td>
</tr>
<tr>
<td>30</td>
<td>Replica - A vehicle with a body built to resemble and be a reproduction of another vehicle of a given year and given manufacturer.</td>
</tr>
<tr>
<td>31</td>
<td>Totaled - A vehicle that is declared a total loss by a jurisdiction or an insurer that is obligated to cover the loss or that the insurer takes possession of or title to.</td>
</tr>
<tr>
<td>32</td>
<td>Owner Retained - A vehicle that has been declared by the insurance company to be a total loss but the owner maintains possession and ownership of the vehicle.</td>
</tr>
<tr>
<td>Code</td>
<td>Description of Title Brands</td>
</tr>
<tr>
<td>------</td>
<td>-----------------------------</td>
</tr>
<tr>
<td>33</td>
<td>Reserved. Eliminated. Bond Posted - The insurance company has issued a bond on the vehicle because the ownership of the vehicle cannot be proven; this allows the vehicle to be sold and titled. Note: This brand is not valid after January 17, 2003.</td>
</tr>
<tr>
<td>34</td>
<td>Memorandum Copy - The title document is a facsimile title and not the active (original or duplicate) title document.</td>
</tr>
<tr>
<td>35</td>
<td>Reserved. Eliminated. Parts Only - The vehicle may only be used for parts. This code is no longer used, use '07 - Dismantled'.</td>
</tr>
<tr>
<td>36</td>
<td>Recovered Theft - The vehicle was previously titled as salvage due to theft. The vehicle has been repaired and inspected (or complied with other jurisdiction procedures) and may be legally driven.</td>
</tr>
<tr>
<td>37</td>
<td>Undisclosed Lien - The vehicle has entered the titling jurisdiction from a jurisdiction that does not disclose lien-holder information on the title. The titling jurisdiction may issue a new title without this brand if no notice of a security interest in the vehicle is received, within a jurisdiction defined time frame. <strong>Note:</strong> This brand is not valid after January 17, 2003.</td>
</tr>
<tr>
<td>38</td>
<td>Prior Owner Retained - A vehicle that was previously branded owner retained and was sold. The new owner's title contains this brand.</td>
</tr>
<tr>
<td>39</td>
<td>Vehicle Non-conformity Uncorrected - A non-safety defect reported to the jurisdiction by the vehicle manufacturer remains uncorrected.</td>
</tr>
<tr>
<td>40</td>
<td>Vehicle Non-conformity Corrected - A non-safety defect reported to the jurisdiction by the vehicle manufacturer has been corrected.</td>
</tr>
<tr>
<td>41</td>
<td>Vehicle Safety Defect Uncorrected - A safety defect reported to the jurisdiction by the vehicle manufacturer remains uncorrected.</td>
</tr>
<tr>
<td>42</td>
<td>Vehicle Safety Defect Corrected - A safety defect reported to the jurisdiction by the vehicle manufacturer has been corrected.</td>
</tr>
<tr>
<td>43</td>
<td>VIN replaced by a new state assigned VIN. A title should not be issued for the VIN. This brand can be issued for rebuilt vehicles.</td>
</tr>
<tr>
<td>45</td>
<td>Gray Market - Vehicle was manufactured for use outside the United States and has been brought into the United States. The vehicle is not in compliance with applicable federal standards.</td>
</tr>
<tr>
<td>46</td>
<td>Gray Market - Vehicle was manufactured for use outside the United States and has been brought into the United States. The vehicle is in compliance with applicable federal standards.</td>
</tr>
<tr>
<td>47</td>
<td>Manufacturer Buy Back - A vehicle that has been bought back by the manufacturer under jurisdiction-defined regulations or laws, such as lemon laws. For example, the manufacturer could be obligated to buy back the vehicle when a specified number of repair attempts fails to correct a major problem on a new vehicle, or if a new vehicle has been out of service for repair for the same problem for a cumulative period of 30 days or more, within one year of purchase.</td>
</tr>
<tr>
<td>48</td>
<td>Former Rental</td>
</tr>
<tr>
<td>49</td>
<td>Salvage--Stolen - Any vehicle the reporting jurisdiction considers salvage because an insurance company has acquired ownership pursuant to a settlement based on the theft of the vehicle.</td>
</tr>
<tr>
<td>50</td>
<td>Salvage--Reasons Other Than Damage or Stolen - Any vehicle the reporting jurisdiction considers salvage based on criteria, such as abandonment, not covered by the Salvage--Damage or Not Specified and Salvage--Stolen brands. <strong>Note.</strong> - Percent of damage is not reported with brand code 50.</td>
</tr>
<tr>
<td>51</td>
<td>Disclosed Damage - The vehicle has sustained damage to the extent that the damage is required to be disclosed under the jurisdiction's damage disclosure law.</td>
</tr>
<tr>
<td>52</td>
<td>Prior Non-Repairable / Repaired - A vehicle constructed by repairing a vehicle that has been destroyed or declared to be non-repairable or otherwise declared to not be eligible for titling because of the extent of damage to the vehicle but has been issued a title pursuant to state law after falling within this criterion with this brand on the face of the certificate of title.</td>
</tr>
<tr>
<td>53</td>
<td>Crushed - The frame or chassis of the vehicle has been crushed or otherwise destroyed so that it is physically impossible to use it in constructing a vehicle.</td>
</tr>
</tbody>
</table>
### Data Dictionary

**54**  
**Inoperable Vehicle** - A motor vehicle that is substantially disassembled and for this reason is mechanically unfit or unsafe to be operated or moved upon a public street, highway, or public vehicular area. An "inoperable vehicle" has not been identified as either "junk" or "salvage". Inoperable vehicles may be titled, but no registration may be issued until such time that the vehicle has been determined roadworthy according to state regulations.

**55**  
**Hazardous Substance Contaminated Vehicle** - The jurisdiction has determined that the vehicle has been contaminated by a 'hazardous substance' and is unsafe for use. Excluding flood damaged vehicles. A 'hazardous substance' is any substance that could diminish the safety of the vehicle or cause injury to its occupants. The 'hazardous substance' has one or more, but is not limited to the following intrinsic 'hazardous properties':
- Explosiveness
- Flammability
- Ability to oxidize (accelerate a fire)
- Human toxicity (acute or chronic)
- Corrosiveness (to human tissue or metal)
- Eco toxicity (with or without bioaccumulation)
- Capacity, on contact with air or water, to develop one or more of the above properties.

**56**  
**Export Only Vehicle** - A salvage or junk vehicle determined for exportation outside of the United States and/or its territories, is not eligible for re-title/re-registration for on-road use in the United States.

### Odometer Brands

<table>
<thead>
<tr>
<th>Code</th>
<th>Description of Odometer Brands</th>
</tr>
</thead>
<tbody>
<tr>
<td>68</td>
<td>Actual - The true mileage for the vehicle. The odometer has not been tampered with, reached its mechanical limits, or been altered.</td>
</tr>
<tr>
<td>69</td>
<td>Not Actual - The odometer reading is known to be other than the true mileage for the vehicle.</td>
</tr>
<tr>
<td>70</td>
<td>Not Actual - Odometer tampering verified - The odometer reading is known to be other than the true mileage for the vehicle, due to tampering.</td>
</tr>
<tr>
<td>71</td>
<td>Exempt from Odometer Disclosure - The vehicle falls within criteria that allow it to change ownership without disclosure of the odometer reading.</td>
</tr>
<tr>
<td>72</td>
<td>Exceeds Mechanical Limits - The odometer reading is less than the true mileage of the vehicle because the odometer cannot display the total number of true miles.</td>
</tr>
<tr>
<td>73</td>
<td>Odometer may be Altered - The titling authority has reason to believe that the odometer reading does not reflect the true mileage of the vehicle because of an alteration to the odometer.</td>
</tr>
<tr>
<td>74</td>
<td>Odometer Replaced - The odometer in the vehicle is not the odometer put in the vehicle when manufactured.</td>
</tr>
<tr>
<td>75</td>
<td>Reading at Time of Renewal - The odometer reading was recorded when the registration was renewed.</td>
</tr>
<tr>
<td>76</td>
<td>Odometer Discrepancy - The titling authority has reason to believe that the odometer reading does not reflect the true mileage of the vehicle because of known previous recorded values of odometer for the vehicle.</td>
</tr>
<tr>
<td>77</td>
<td>Call Title Division - The titling authority knows of some problem with the odometer reading that it cannot print on a title. Titling authority will discuss the problem (manual process) with authorized inquirers.</td>
</tr>
<tr>
<td>78</td>
<td>Rectify Previous Exceeds Mechanical Limits Brand - A state other than the brander corrected brand 72.</td>
</tr>
</tbody>
</table>
Code | Description of Reports from Organizations other than Motor Vehicle Agencies
---|---
90 | Pending Junk Automobile - CARS.gov - The National Highway Traffic Safety Administration (NHTSA) Consumer Assistance to Recycle and Save (CARS) program is processing an application which, if approved, will render this vehicle incapable of operating on public streets, roads, and highways. The vehicle will have no value except as a source of parts or scrap, shall be crushed or shredded within a specified time period (including the engine block), and shall not be exported prior to crushing or shredding. For additional information concerning the CARS program visit CARS.gov.

91 | Junk Automobile - CARS.gov - Pursuant to the Consumer Assistance to Recycle and Save Act of 2009 (CARS) this vehicle is incapable of operating on public streets, roads, and highways. The vehicle has no value except as a source of parts or scrap, shall be crushed or shredded within a specified time period (including the engine block), and shall not be exported prior to crushing or shredding. For additional information concerning the CARS program visit CARS.gov.

A.2.7 Date Format

Most dates are represented by a composite field that contains the century, year, month and day. Assume the following format is being used, unless an element explicitly states a different format is used.

From left to right, the date is composed of four numeric digits to represent the century and year, a hyphen, two digits to represent the number of the month, a hyphen, and two digits to represent the number of the day (4/N, "-" 2/N, ":" 2/N). Numbers are always right-justified. Use leading zeros when necessary.

Example: The fourth of March in 2001 is held as "2001-03-04".

A.2.8 Driver License Statuses

A Driver History Record has two statuses, one a Commercial Status and the other a Non-commercial Status (for base licenses). The following table shows which combinations are valid and the cases where a CDL may be issued:

<table>
<thead>
<tr>
<th>Non-commercial</th>
<th>Commercial</th>
<th>Valid Combination</th>
<th>OK to Issue CDL</th>
</tr>
</thead>
<tbody>
<tr>
<td>ELG</td>
<td>ELG</td>
<td>Yes</td>
<td>No - The commercial status indicates they are eligible, however a person must have a base license before getting a CDL.</td>
</tr>
<tr>
<td>ELG</td>
<td>LIC</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>ELG</td>
<td>NOT</td>
<td>Yes</td>
<td>No - The commercial status indicates they are not eligible.</td>
</tr>
<tr>
<td>ELG</td>
<td>RPD</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>LIC</td>
<td>ELG</td>
<td>Yes</td>
<td>OK</td>
</tr>
<tr>
<td>LIC</td>
<td>LIC</td>
<td>Yes</td>
<td>OK</td>
</tr>
<tr>
<td>LIC</td>
<td>NOT</td>
<td>Yes</td>
<td>No - The commercial status indicates they are not eligible.</td>
</tr>
<tr>
<td>LIC</td>
<td>RPD</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>NOT</td>
<td>ELG</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>NOT</td>
<td>LIC</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>NOT</td>
<td>NOT</td>
<td>Yes</td>
<td>No - The commercial status indicates they are not eligible.</td>
</tr>
<tr>
<td>NOT</td>
<td>RPD</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>RPD</td>
<td>ELG</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>RPD</td>
<td>LIC</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>RPD</td>
<td>NOT</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>RPD</td>
<td>RPD</td>
<td>Yes</td>
<td>No - They are deceased.</td>
</tr>
</tbody>
</table>
## A.2.9 Commercial Motor Vehicle

A Commercial Motor Vehicle (CMV) is any motor vehicle used to transport passengers or property for compensation. Many states classify any vehicle titled or registered to a commercial enterprise as being a CMV. Definitions of a CMV in the Federal Regulations vary to cover the requirements of specific parts of the rules.

<table>
<thead>
<tr>
<th>49 CFR 383.91 used for Driver License and Permit Classes</th>
<th>49 CFR 350.105 used for MCSAP</th>
<th>49 CFR 390.5 used for</th>
</tr>
</thead>
<tbody>
<tr>
<td>The commercial motor vehicle groups are as follows:</td>
<td>Commercial motor vehicle (CMV) means a motor vehicle that has any of the following characteristics:</td>
<td>Commercial motor vehicle means any self-propelled or towed motor vehicle used on a highway in interstate commerce to transport passengers or property when the vehicle:</td>
</tr>
<tr>
<td>(1) Combination vehicle (Group A) Any combination of vehicles with a gross combination weight rating (GCWR) of 26,001 pounds or more provided the GVWR of the vehicle(s) being towed is in excess of 10,000 pounds.</td>
<td>(1) A gross vehicle weight (GVW), gross vehicle weight rating (GVWR), gross combination weight (GCW), or gross combination weight rating (GCWR) of 10,001 pounds or more.</td>
<td>(1) Has a gross vehicle weight rating or gross combination weight rating, or gross vehicle weight or gross combination weight, of 10,001 pounds or more, whichever is greater; or</td>
</tr>
<tr>
<td>(2) Heavy Straight Vehicle (Group B) Any single vehicle with a GVWR of 26,001 pounds or more, or any such vehicle towing a vehicle not in excess of 10,000 pounds GVWR.</td>
<td>(2) Regardless of weight, is designed or used to transport 16 or more passengers, including driver.</td>
<td>(2) Is designed or used to transport more than 8 passengers (including the driver) for compensation; or</td>
</tr>
<tr>
<td>(3) Small Vehicle (Group C) Any single vehicle, or combination of vehicles, that meets neither the definition of Group A nor that of Group B as contained in this section, but that either is designed to transport 16 or more passengers including the driver, or</td>
<td>(3) Regardless of weight, is used in the transportation of hazardous materials as defined in 49 CFR 383.5.</td>
<td>(3) Is designed or used to transport more than 15 passengers, including the driver, and is not used to transport passengers for compensation; or</td>
</tr>
<tr>
<td>is used in the transportation of hazardous materials as defined in 49 CFR 383.5.</td>
<td>(3) Regardless of weight, is used in the transportation of hazardous materials and is required to be placarded pursuant to 49 CFR 172, subpart F.</td>
<td>(4) Is used in transporting material found by the Secretary of Transportation to be hazardous under 49 USC 5103 and transported in a quantity requiring placarding under regulations prescribed by the Secretary under 49 CFR, subtitle B, chapter I, sub-chapter C.</td>
</tr>
</tbody>
</table>

The following table illustrates the requirements for trucks and their trailers based on their weights. It is primarily intended to illustrate the classes by weight, so only some of the conditions for buses and HAZMAT are shown.
### A Commercial Class Definition

A Commercial Motor Vehicle (CMV) is any motor vehicle used to transport passengers or property for compensation. Section 49 CFR 383.91 of the federal regulations defines classifications for commercial vehicles and the licenses required for operating them.

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
</table>
| A     | Class "A" vehicles [49 CFR 383.91(a)(1)]  
- any combination of vehicles with a GCWR of 26,001 or more pounds, provided the GVWR of the vehicle(s) being towed is in excess of 10,000 pounds.  
(Holders of a Class A license may with the appropriate endorsement operate all Class B & C vehicles). |
| B     | Class "B" vehicles [49 CFR 383.91(a)(2)]  
- any single vehicle with a GVWR of 26,001 or more pounds, or  
- any such vehicle towing a vehicle not in excess of 10,000 pounds GVWR.  
(Holders of a Class B license may with the appropriate endorsement, operate all Class C vehicles). |
| C     | Class "C" vehicles [49 CFR 383.91(a)(3)]  
- any single commercial vehicle, or  
- combination of vehicles,  
that meets neither the definition of group A nor that of group B, but that either:  
- is designed to transport 16 or more passengers including the driver, or  
- is used in the transportation of materials found to be hazardous for the purposes of the Hazardous Materials Transportation Act and which require the motor vehicle to be placarded under the Hazardous Materials Regulations (49 CFR part 172, subpart F). |

The following examples illustrate a few of the vehicle combinations that are categorized in a particular class, there are many other configurations that can be assigned a particular commercial class.
Note sections 49 CFR 350.105 and 49 CFR 390.5 define a CMV as having a weight of 10,000 lb or more. There is no class code for a CMV weighing 10,000 lb to 26,000 lb, unless the vehicle is used to transport passengers or Hazardous Materials. So a base license can be used to operate these light CMVs.

### A.2.11 Driver Control Record

The Driver Control Record is the data a license issuer keeps about a driver and their license. The data that must be held or derivable must include:

1. Elements mandated by federal regulations for commercial license cards (49 CFR 383.153). If a jurisdiction prints information on a card, the jurisdiction should keep an electronic record of the card information.
2. Elements mandated by federal regulations for REAL ID compliant credential cards (6 CFR 37.17)
3. Elements required for the exchange of Driver History Records (DHR). The Driver History Record (DHR) is a group of elements that a driver license issuer provides in response to a driver history request. The license issuer maintains their data in any way they want, as long as they can meet the transmission standards for the DHR. The DHR is composed of a common group of elements, however individual applications may specify some variations from the DHR. See the CDLIS/SPEXS or PDPS specification for requirements of an individual application. (23 CFR 1327.2 and 49 CFR 384.225)
4. Elements required by agreements and compacts (i.e. DLC requires the DHR elements, the DLA elements are listed below).
5. Elements required for the states own rules and regulations.

The following table lists the driver record elements and identifies the requirements for the mandatory elements. The elements tagged as Required have to be present, the other elements must be included in the DHR when they are available.

<table>
<thead>
<tr>
<th>Element</th>
<th>49 CFR 383.153</th>
<th>6 CFR 37.17</th>
<th>DHR</th>
<th>DLA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driver Name</td>
<td>Required</td>
<td>Required</td>
<td>Required</td>
<td>Required</td>
</tr>
<tr>
<td>Driver Date of Birth</td>
<td>Required</td>
<td>Required</td>
<td>Required</td>
<td>Required</td>
</tr>
<tr>
<td>AKA Name &amp; DOB (up to 3)</td>
<td>If available</td>
<td>If available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Addresses, Mailing and/or Residence</td>
<td>Residence Reqd</td>
<td>Mailing Reqd</td>
<td>Required</td>
<td></td>
</tr>
<tr>
<td>Driver Sex</td>
<td>Required</td>
<td>Required</td>
<td>If available</td>
<td>Required</td>
</tr>
<tr>
<td>Driver Height</td>
<td>Required</td>
<td></td>
<td>If available</td>
<td></td>
</tr>
<tr>
<td>Driver Weight</td>
<td></td>
<td></td>
<td>If available</td>
<td></td>
</tr>
<tr>
<td>Driver Eye Color</td>
<td></td>
<td></td>
<td>If available</td>
<td></td>
</tr>
<tr>
<td>Driver SSN</td>
<td></td>
<td></td>
<td>If available</td>
<td></td>
</tr>
<tr>
<td>AKA SSN</td>
<td></td>
<td></td>
<td>If available</td>
<td>Required</td>
</tr>
<tr>
<td>Element</td>
<td>49 CFR 383.153</td>
<td>6 CFR 37.17</td>
<td>DHR</td>
<td>DLA</td>
</tr>
<tr>
<td>---------------------------------------------</td>
<td>---------------</td>
<td>-------------</td>
<td>-----</td>
<td>-----</td>
</tr>
<tr>
<td>Issuing Jurisdiction</td>
<td>Required</td>
<td>Required</td>
<td>Required</td>
<td></td>
</tr>
<tr>
<td>Driver License Number</td>
<td>Required</td>
<td>Required</td>
<td>Required</td>
<td>Required</td>
</tr>
<tr>
<td>AKA Issuing Jurisdiction &amp; DLN (up to 3)</td>
<td>Required</td>
<td></td>
<td>If available</td>
<td></td>
</tr>
<tr>
<td>Document Type</td>
<td>Required</td>
<td>Required</td>
<td>If available</td>
<td></td>
</tr>
<tr>
<td>REAL ID Compliant</td>
<td>Required</td>
<td>Required</td>
<td>If available</td>
<td></td>
</tr>
<tr>
<td>Issue Date</td>
<td>Required</td>
<td>Required</td>
<td>Required</td>
<td>Required</td>
</tr>
<tr>
<td>Expiration Date</td>
<td>Required</td>
<td>Required</td>
<td>Required</td>
<td>Required</td>
</tr>
<tr>
<td>Licensed Vehicle Class(es)</td>
<td>Required</td>
<td>Required</td>
<td>Required</td>
<td>Required</td>
</tr>
<tr>
<td>Endorsements, if any</td>
<td>Required</td>
<td>Required</td>
<td>Required</td>
<td>Required</td>
</tr>
<tr>
<td>Restrictions, if any</td>
<td>Required</td>
<td>Required</td>
<td>Required</td>
<td>Required</td>
</tr>
<tr>
<td>Driving Status</td>
<td>Required</td>
<td></td>
<td></td>
<td>Required</td>
</tr>
<tr>
<td>Any other unique identifier</td>
<td></td>
<td></td>
<td>If available</td>
<td></td>
</tr>
<tr>
<td>Permit information, including permit</td>
<td></td>
<td></td>
<td>If available</td>
<td></td>
</tr>
<tr>
<td>endorsements and restrictions</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>List of crashes and details for each crash, if any (optional)</td>
<td></td>
<td></td>
<td>If available</td>
<td>If available</td>
</tr>
<tr>
<td>List of convictions and details for each conviction, if any</td>
<td></td>
<td></td>
<td>If available</td>
<td>If available</td>
</tr>
<tr>
<td>List of withdrawals and details for each withdrawal, if any</td>
<td></td>
<td></td>
<td>If available</td>
<td>If available</td>
</tr>
<tr>
<td>For each withdrawal, linkages to the underlying convictions (if any) for each withdrawal</td>
<td></td>
<td></td>
<td>If available</td>
<td></td>
</tr>
<tr>
<td>Signature</td>
<td>Required</td>
<td>Required</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Photo</td>
<td>Required</td>
<td>Required</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

The data retention rules for the driver record come from the various sources:

- CDLIS and PDPS: Require a person’s record be held while the pointer files have a record of the person. A person will have a pointer if they:
  - They are a commercial driver.
  - Have been identified as a problem driver for CDLIS (according to FMCSA rules) or for PDPS (according to NHTSA rules). The ACD Manual provides direction for retention (from 6 months to a lifetime) based on the individual infractions committed by the person.
- SPEXS: Requires a person’s record held while the person holds a license, permit or ID card.
- DLC: Requires the record held for a minimum of ten years for specified convictions and three years for all other convictions and for crashes.

### A.2.12 Hazardous Material Class

The U.S. DOT divides regulated hazardous materials into nine classes, some of which are further subdivided. Hazardous materials in transportation must be placarded and have specified packaging and labeling. Some materials must always be placarded, others may only require placarding in certain circumstances.

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Explosives</td>
</tr>
<tr>
<td>1.1</td>
<td>Explosives with a mass explosion hazard</td>
</tr>
<tr>
<td>1.2</td>
<td>Explosives with a projection hazard</td>
</tr>
<tr>
<td>1.3</td>
<td>Explosives with predominantly a fire hazard</td>
</tr>
</tbody>
</table>
### Appendix A: Data Dictionary

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.4</td>
<td>Explosives with no significant blast hazard</td>
</tr>
<tr>
<td>1.5</td>
<td>Very insensitive explosives with a mass explosion hazard</td>
</tr>
<tr>
<td>1.6</td>
<td>Extremely insensitive articles</td>
</tr>
<tr>
<td>2</td>
<td>Gases</td>
</tr>
<tr>
<td>2.1</td>
<td>Flammable gases</td>
</tr>
<tr>
<td>2.2</td>
<td>Non-flammable, non-toxic gases</td>
</tr>
<tr>
<td>2.3</td>
<td>Toxic gases</td>
</tr>
<tr>
<td>3</td>
<td>Flammable liquids (and Combustible liquids [U.S.])</td>
</tr>
<tr>
<td>4</td>
<td>Flammable solids; Spontaneously combustible materials; and Dangerous when wet materials / Water-reactive substances</td>
</tr>
<tr>
<td>4.1</td>
<td>Flammable solids</td>
</tr>
<tr>
<td>4.2</td>
<td>Spontaneously combustible materials</td>
</tr>
<tr>
<td>4.3</td>
<td>Water-reactive substances / Dangerous when wet materials</td>
</tr>
<tr>
<td>5</td>
<td>Oxidizing substances and Organic peroxides</td>
</tr>
<tr>
<td>5.1</td>
<td>Oxidizing substances</td>
</tr>
<tr>
<td>5.2</td>
<td>Organic peroxides</td>
</tr>
<tr>
<td>6</td>
<td>Toxic substances and Infectious substances</td>
</tr>
<tr>
<td>6.1</td>
<td>Toxic substances</td>
</tr>
<tr>
<td>6.2</td>
<td>Infectious substances</td>
</tr>
<tr>
<td>7</td>
<td>Radioactive materials</td>
</tr>
<tr>
<td>8</td>
<td>Corrosive substances</td>
</tr>
<tr>
<td>9</td>
<td>Miscellaneous hazardous materials / Products, Substances or Organisms</td>
</tr>
</tbody>
</table>

The codes originate in the United Nations Globally Harmonized System of Classification and Labelling of Chemicals and have been included in U.S. federal regulation Title 49 Part 173. The Federal Motor Carrier Safety Administration (FMCSA) State Safety Data Quality (SSDQ) Program created the following guidance for law enforcement officers to identify Hazardous Materials. (Aka. Yellow Visor Card).

### Hazardous Material Classification

![Hazardous Material Classification Diagram](image)

A.2.13 **Inspection Result Code**
A code used to record if an item being inspected meets requirements.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>P</td>
<td>Pass (meets inspection criteria)</td>
</tr>
<tr>
<td>F</td>
<td>Fail (does not pass inspection criteria)</td>
</tr>
<tr>
<td>A</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

**A.2.14 Jurisdiction Code Values**

A jurisdiction is an organization with power, right or authority to interpret and apply the law, or the limit or territory within which authority may be exercised. The codes listed describe all the values used within the scope of AAMVA systems. A given element may specify a sub-set of the codes is used (i.e. "only U.S. state codes").

<table>
<thead>
<tr>
<th>Value</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>AK</td>
<td>Alaska</td>
</tr>
<tr>
<td>AL</td>
<td>Alabama</td>
</tr>
<tr>
<td>AR</td>
<td>Arkansas</td>
</tr>
<tr>
<td>AZ</td>
<td>Arizona</td>
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<td>CA</td>
<td>California</td>
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<tr>
<td>CO</td>
<td>Colorado</td>
</tr>
<tr>
<td>CT</td>
<td>Connecticut</td>
</tr>
<tr>
<td>DC</td>
<td>District of Columbia</td>
</tr>
<tr>
<td>DE</td>
<td>Delaware</td>
</tr>
<tr>
<td>FL</td>
<td>Florida</td>
</tr>
<tr>
<td>GA</td>
<td>Georgia</td>
</tr>
<tr>
<td>HI</td>
<td>Hawaii</td>
</tr>
<tr>
<td>IA</td>
<td>Iowa</td>
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<tr>
<td>ID</td>
<td>Idaho</td>
</tr>
<tr>
<td>IL</td>
<td>Illinois</td>
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<td>IN</td>
<td>Indiana</td>
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<td>Massachusetts</td>
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<tr>
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<td>Maryland</td>
</tr>
<tr>
<td>ME</td>
<td>Maine</td>
</tr>
<tr>
<td>MI</td>
<td>Michigan</td>
</tr>
<tr>
<td>MN</td>
<td>Minnesota</td>
</tr>
<tr>
<td>MO</td>
<td>Missouri</td>
</tr>
<tr>
<td>MS</td>
<td>Mississippi</td>
</tr>
<tr>
<td></td>
<td>United States</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Value</th>
<th>Meaning</th>
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<td>British Columbia</td>
</tr>
<tr>
<td>MB</td>
<td>Manitoba</td>
</tr>
<tr>
<td>NB</td>
<td>New Brunswick</td>
</tr>
<tr>
<td>NF</td>
<td>Newfoundland and Labrador</td>
</tr>
<tr>
<td>NT</td>
<td>Northwest Territory</td>
</tr>
<tr>
<td>NS</td>
<td>Nova Scotia</td>
</tr>
<tr>
<td>NU</td>
<td>Nunavut</td>
</tr>
<tr>
<td>ON</td>
<td>Ontario</td>
</tr>
<tr>
<td>PE</td>
<td>Prince Edward Island</td>
</tr>
<tr>
<td>QC</td>
<td>Quebec</td>
</tr>
<tr>
<td>SK</td>
<td>Saskatchewan</td>
</tr>
<tr>
<td>YT</td>
<td>Yukon Territory</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Value</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>MX</td>
<td>Mexico (United Mexican States)</td>
</tr>
<tr>
<td>AG</td>
<td>Aguascalientes</td>
</tr>
<tr>
<td>BA</td>
<td>Baja California</td>
</tr>
<tr>
<td>BJ</td>
<td>Baja California Sur</td>
</tr>
<tr>
<td>CE</td>
<td>Campeche</td>
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<tr>
<td>CH</td>
<td>Chihuahua</td>
</tr>
<tr>
<td>CI</td>
<td>Chiapas</td>
</tr>
<tr>
<td>CL</td>
<td>Colima</td>
</tr>
<tr>
<td>CU</td>
<td>Coahuila de Zaragoza</td>
</tr>
<tr>
<td>DF</td>
<td>Distrito Federal Mexico</td>
</tr>
<tr>
<td>DO</td>
<td>Durango</td>
</tr>
<tr>
<td>EM</td>
<td>Estado de Mexico (the state within the country)</td>
</tr>
<tr>
<td>GR</td>
<td>Guerrero</td>
</tr>
<tr>
<td>GU</td>
<td>Guanajuato</td>
</tr>
<tr>
<td>HL</td>
<td>Hidalgo</td>
</tr>
<tr>
<td>JL</td>
<td>Jalisco</td>
</tr>
<tr>
<td>MC</td>
<td>Michoacan de Ocampo</td>
</tr>
<tr>
<td>MR</td>
<td>Morelos</td>
</tr>
<tr>
<td>NA</td>
<td>Nayarit</td>
</tr>
<tr>
<td>NL</td>
<td>Nuevo Leon</td>
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<td>Oaxaca</td>
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<td>PB</td>
<td>Puebla</td>
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<tr>
<td>QR</td>
<td>Quintana Roo</td>
</tr>
<tr>
<td>QU</td>
<td>Queretaro de Arteaga</td>
</tr>
<tr>
<td>SI</td>
<td>Sinaloa</td>
</tr>
<tr>
<td>SL</td>
<td>San Luis Potosi</td>
</tr>
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</table>

<table>
<thead>
<tr>
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<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Mexico</td>
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</table>

Appendix A: Data Dictionary
### A.2.15 Jurisdiction Mail Abbreviation Values

Postal services in the U.S. and Canada use official two character abbreviations for the states, provinces and other jurisdictions belonging to their countries. The U.S. state and Canadian province values listed below share the same values as listed in the AAMVA jurisdiction codes. There are differences when it comes to the U.S. territories and government agencies.

#### United States

<table>
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<tr>
<td>MT</td>
<td>Montana</td>
</tr>
<tr>
<td>NC</td>
<td>North Carolina</td>
</tr>
<tr>
<td>ND</td>
<td>North Dakota</td>
</tr>
<tr>
<td>NE</td>
<td>Nebraska</td>
</tr>
<tr>
<td>NH</td>
<td>New Hampshire</td>
</tr>
<tr>
<td>NJ</td>
<td>New Jersey</td>
</tr>
<tr>
<td>NM</td>
<td>New Mexico</td>
</tr>
<tr>
<td>NV</td>
<td>Nevada</td>
</tr>
<tr>
<td>NY</td>
<td>New York</td>
</tr>
<tr>
<td>OH</td>
<td>Ohio</td>
</tr>
<tr>
<td>OK</td>
<td>Oklahoma</td>
</tr>
<tr>
<td>OR</td>
<td>Oregon</td>
</tr>
<tr>
<td>PA</td>
<td>Pennsylvania</td>
</tr>
<tr>
<td>RI</td>
<td>Rhode Island</td>
</tr>
<tr>
<td>SC</td>
<td>South Carolina</td>
</tr>
<tr>
<td>SD</td>
<td>South Dakota</td>
</tr>
<tr>
<td>TN</td>
<td>Tennessee</td>
</tr>
<tr>
<td>TX</td>
<td>Texas</td>
</tr>
<tr>
<td>UT</td>
<td>Utah</td>
</tr>
<tr>
<td>VA</td>
<td>Virginia</td>
</tr>
<tr>
<td>VT</td>
<td>Vermont</td>
</tr>
<tr>
<td>WA</td>
<td>Washington</td>
</tr>
<tr>
<td>WI</td>
<td>Wisconsin</td>
</tr>
<tr>
<td>WV</td>
<td>West Virginia</td>
</tr>
<tr>
<td>WY</td>
<td>Wyoming</td>
</tr>
</tbody>
</table>

#### U.S. Territorial Possessions

<table>
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</thead>
<tbody>
<tr>
<td>AS</td>
<td>American Samoa</td>
</tr>
<tr>
<td>FM</td>
<td>Federal States of Micronesia</td>
</tr>
<tr>
<td>GM</td>
<td>Guam</td>
</tr>
<tr>
<td>MH</td>
<td>Marshall Islands</td>
</tr>
<tr>
<td>MP</td>
<td>Northern Mariana Islands</td>
</tr>
<tr>
<td>PW</td>
<td>Palau (till 1994)</td>
</tr>
<tr>
<td>PZ</td>
<td>Panamanian Canal Zone (till 2001)</td>
</tr>
<tr>
<td>PR</td>
<td>Puerto Rico</td>
</tr>
<tr>
<td>VI</td>
<td>Virgin Islands</td>
</tr>
<tr>
<td>WK</td>
<td>Wake Island</td>
</tr>
</tbody>
</table>

#### U.S. Government Agencies

<table>
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<th>Value</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>D2</td>
<td>U.S. Department of Justice</td>
</tr>
<tr>
<td>DS</td>
<td>U.S. Department of State</td>
</tr>
<tr>
<td>DT</td>
<td>U.S. Department of Transportation</td>
</tr>
<tr>
<td>FH</td>
<td>Federal Motor Carrier Safety Administration</td>
</tr>
<tr>
<td>GS</td>
<td>General Services Administration (GSA)</td>
</tr>
<tr>
<td>IR</td>
<td>Internal Revenue Service (IRS)</td>
</tr>
<tr>
<td>TS</td>
<td>Transportation Security Administration (TSA)</td>
</tr>
</tbody>
</table>

#### Canada

<table>
<thead>
<tr>
<th>Value</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
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<td>AB</td>
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<td>British Columbia</td>
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<td>MB</td>
<td>Manitoba</td>
</tr>
<tr>
<td>NB</td>
<td>New Brunswick</td>
</tr>
<tr>
<td>NF</td>
<td>Newfoundland and Labrador</td>
</tr>
</tbody>
</table>

---

Appendix A: Data Dictionary
### Appendix A: Data Dictionary

#### 2.16 NCIC Vehicle Color Code Values

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
<th>Value</th>
<th>Description</th>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AME</td>
<td>Amethyst/Purple</td>
<td>DGR</td>
<td>Dark Green</td>
<td>PLE</td>
<td>Purple</td>
</tr>
<tr>
<td>BGE</td>
<td>Beige</td>
<td>GLD</td>
<td>Gold</td>
<td>PNK</td>
<td>Pink</td>
</tr>
<tr>
<td>BLK</td>
<td>Black</td>
<td>GRN</td>
<td>Green</td>
<td>RED</td>
<td>Red</td>
</tr>
<tr>
<td>BLU</td>
<td>Blue</td>
<td>GRY</td>
<td>Gray</td>
<td>SIL</td>
<td>Silver/Aluminum</td>
</tr>
<tr>
<td>BRO</td>
<td>Brown</td>
<td>LAV</td>
<td>Lavender</td>
<td>TAN</td>
<td>Tan</td>
</tr>
<tr>
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<td></td>
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</table>

<table>
<thead>
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<th>Value</th>
<th>Meaning</th>
<th>Value</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>CO</td>
<td>Colorado</td>
<td>NJ</td>
<td>New Jersey</td>
</tr>
<tr>
<td>CT</td>
<td>Connecticut</td>
<td>NM</td>
<td>New Mexico</td>
</tr>
<tr>
<td>DC</td>
<td>District of Columbia</td>
<td>NV</td>
<td>Nevada</td>
</tr>
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<td>Delaware</td>
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<td>New York</td>
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<td>WV</td>
<td>West Virginia</td>
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<td></td>
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<td>US Territorial Possessions</td>
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<td>VI</td>
<td>Virgin Islands</td>
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#### US Government Agencies

<table>
<thead>
<tr>
<th>Agency</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>AA</td>
<td>Armed Forces America</td>
</tr>
<tr>
<td>AE</td>
<td>Armed Forces Europe, Canada, Africa &amp; Middle East</td>
</tr>
<tr>
<td>AP</td>
<td>Armed Forces Pacific</td>
</tr>
</tbody>
</table>

#### US Territorial Possessions

<table>
<thead>
<tr>
<th>Possession</th>
<th>Meaning</th>
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<tr>
<td>AS</td>
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<tr>
<td>VI</td>
<td>Virgin Islands</td>
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</tbody>
</table>

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**Note:** The color codes are used to represent different states and territories as well as government agencies within a data dictionary for vehicle information processing systems.
Appendix A: Data Dictionary

BRZ  Bronze
CAM  Camouflage
COM  Chrome/Stainless Steel
CRP  Copper
CRM  Cream
DBL  Dark Blue
LBL  Light Blue
LGR  Light Green
MUL  Multi-colored
MAR  Maroon/Burgundy
MVE  Mauve
ONG  Orange
TEA  Teal
TPE  Taupe/Brown
TRQ  Turquoise
WHI  White
YEL  Yellow

Usage Notes:

- A single color vehicle is described by just the Major Color.
- A two color vehicle is described by Major (top and front) Color and Minor (bottom and rear) Color.
- For Multi-colored, Major Color is set to "MUL" and Minor Color is set to "COL".

A.2.17 Printable Characters

All application data elements must contain printable characters that can be used in ASCII, UTF-8 and the default versions of EBCDIC. This means that non-printable bytes and non-English letters are not allowed in any message. This limitation has been imposed because different types of computers use different data encoding schemes. Therefore, to communicate across the network, only characters that are common on all the computers connected to the network can be used.

For example, IBM mainframes store character data in EBCDIC, while UNIX, Unisys, Windows and most other computer types store character data in an ASCII or a similar format. Translation between these code sets is performed as part of the network transmission to or from a given computer. The translation occurs by replacing a bit pattern from one code set with the corresponding bit pattern from the other code set. As the translation is performed on each byte of data traveling on the data path without regard to the content of the data, non-printable data would be corrupted when the bit patterns were translated.

The printable characters which are standardized in common encoding schemes are:

- space
- a to z
- A to Z
- 0 to 9
- ! " $ % & ' ( ) * + , - . / : ; < = > ? @ \ _ { } ~

Other characters must be excluded because they are not common to all encoding schemes (ASCII, UTF-8 and EBCDIC). The other characters can be dropped or substituted with a similar letter from the English alphabet. The table below describes these letter transliterations (i.e. the Spanish enye character (an "N" with a "~" above it ("Ñ")) is converted to the English letter "N").

- Some elements (such as a person name), call for the letters to be transliterated.
- For other elements, the users can determine if it would be more meaningful for the non-printable characters to be omitted or substituted for another character.

(Note: extended word processor characters like a "non-breaking space" must not be used, only the default characters are common to all encoding schemes and can be exchanged).

<table>
<thead>
<tr>
<th>Character</th>
<th>Transliteration</th>
<th>Description</th>
<th>Character</th>
<th>Transliteration</th>
<th>Description</th>
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<td>ÅOE</td>
<td>OE</td>
<td>ligature OE</td>
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</tr>
</tbody>
</table>
A.2.18 Vehicle Weight

Vehicle weights can specify a maximum capacity or a measured weight of a vehicle. The requirements of different federal and state regulations and practices relating to the inclusion of passengers, cargo and fluids, means there are many weight elements, each used to record a weight in a different category.

<table>
<thead>
<tr>
<th>Name</th>
<th>Acronym</th>
<th>Description</th>
<th>Cargo &amp; Passengers</th>
<th>Fluids &amp; Fuel</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cargo Carrying Capacity</td>
<td>CCC</td>
<td>A weight limit, or maximum load weight, as determined by the vehicle’s manufacturer.</td>
<td>Loaded</td>
<td>N/A</td>
</tr>
<tr>
<td>Dry Weight</td>
<td></td>
<td>The actual weight of a vehicle or trailer containing standard equipment, but excluding any fuel, fluids, cargo, passengers, or optional equipment.</td>
<td>None</td>
<td>N/A</td>
</tr>
<tr>
<td><strong>VVHGAW</strong> - Vehicle Gross Axle Weight Rating</td>
<td>GAWR</td>
<td>A value specified by the vehicle manufacturer as the load-carrying capacity of a single axle system, as measured at the tire-ground. The GAWR includes the weight of the vehicle (be it a car, truck or trailer), passengers, cargo and even trailer tongue weight (if applicable).</td>
<td>Loaded</td>
<td>Full</td>
</tr>
<tr>
<td><strong>VVHVWR</strong> - Gross Vehicle Weight Rating</td>
<td>GVWR</td>
<td>Gross Vehicle Weight Rating (GVWR) is the value specified by the manufacturer as the loaded weight of a single vehicle. It represents the greatest allowable load for that individual vehicle (be it a car, truck or trailer). There are a number of factors that determine the GVWR such as spacing of axles, number of tires, size of tires, capacity of the suspension and take into account the base curb weight of the vehicle plus the weight of any optional accessories, cargo, passengers and the tongue weight of a trailer.</td>
<td>Loaded</td>
<td>Full</td>
</tr>
<tr>
<td>Tongue Weight</td>
<td></td>
<td>The downward force that the tongue of the trailer applies to the hitch of the tow vehicle.</td>
<td>Loaded</td>
<td>N/A</td>
</tr>
<tr>
<td><strong>VVHCWR</strong> - Gross Combination Weight Rating</td>
<td>GCWR</td>
<td>A value specified by the manufacturer as the loaded weight of a combination vehicle. That is the sum of the GVWR values specified by the manufacturer for a loaded truck tractor and any loaded trailers it will tow.</td>
<td>Loaded</td>
<td>Full</td>
</tr>
<tr>
<td><strong>VVHCWE</strong> - Vehicle Gross Curb Weight</td>
<td></td>
<td>A weight of a motor vehicle with standard equipment; maximum capacity of engine fuel, oil, and coolant; and, if so equipped, air conditioning and additional weight optional engine. Passengers, cargo and other items are not included in this weight. In an RV, equipment fluids such as tanks of water and propane are counted in this weight.</td>
<td>None</td>
<td>Full</td>
</tr>
</tbody>
</table>
### Appendix A: Data Dictionary

#### VVH011 - Vehicle Gross Operating Weight

**Description:**
The unladen weight of the vehicle (e.g., single-unit truck, truck combination) plus the weight of the load being carried at a specific point in time.

**Also known as:**
- Operating weight

<table>
<thead>
<tr>
<th>Cargo &amp; Passengers</th>
<th>Fluids &amp; Fuel</th>
</tr>
</thead>
<tbody>
<tr>
<td>Some</td>
<td>Some</td>
</tr>
</tbody>
</table>

#### VVHNTR - Vehicle Nominal Ton Rate

**Description:**
An approximate maximum load weight intended for the vehicle to transport, commonly applied to vans, pickups and single-unit trucks. e.g., "half ton".

| Loaded | N/A |

#### VVHSW - Vehicle Ship Weight

**Description:**
The unladen weight of a vehicle when it is shipped from the manufacturer to the purchaser. It includes engine oil, coolant, brake fluid and a small quantity of fuel, as vehicles have traditionally been driven off the assembly line and these fluids were necessary to do so.

| None          | Some |

#### VVHUL2 - Vehicle Unladen Weight

**Description:**
Unladen or unloaded vehicle weight is the weight of a vehicle with maximum capacity of all fluids necessary for operation of the vehicle, but without cargo, occupants, or accessories that are ordinarily removed from the vehicle when they are not in use. In an RV, equipment fluids such as tanks of water and propane are not counted in this weight.

**Also known as:**
- Scale weight
- Net weight
- Empty weight.

| None | Full |

### A.3 Automobile Dealer

An Auto-dealer or Dealer is a business or person which sells new and/or used vehicles. Dealers are subject to some federal regulations and individual states may also have state regulations.

Some dealership operate in multiple states. However different states may have different regulations and procedures, so the dealer data may only apply to information about the parts of a dealership within a given state.

The dealer is identified by its EIN. Within a state a dealer may be identified by its state assigned Dealer Code.

For new vehicles, dealers receive a MCO from the manufacturer as proof of ownership of a vehicle. Dealers may exchange vehicles with other dealerships, this is known a reassignment. When a dealer sells a new vehicle, the MCO is surrendered and title is issued to the new owner.

A dealer may receive a title from the motor vehicle data center as a result of a request by a lienholder which releases its lien on the vehicle and requests that the title from the jurisdiction be sent directly to the dealer.

#### A.3.1 Dealer Code

An identifier a manufacturer assigns to identify the dealer to whom the vehicle is being shipped.

**VDLCOD**

- **manufacturerId**
  - type: string

**Source of Definition:** MCO

**Source of Data:** Manufacturer

**Logical Format (Type/Max Length):** AN/10

#### A.3.2 Dealer EIN / FID
A unique code that identifies the dealer with an EIN (Employer Identification Number) / FID (Federal ID).

**VDLEIN**

taxId  type: string

### A.3.3 Dealer Mailing Address

A mailing address of the auto-dealer involved with the purchase or sale of a vehicle.

See the **Address Format** (on page 15) for details of how the address components are held.

**VDLMAD**

mailingAddress  type: group: address

The address is composed of:

- line1  type: string
- line2  type: string
- city  type: string
- stateCode  type: string
- postalCode  type: string
- postalExtensionCode  type: string

### A.3.4 Dealer Name

A name of the dealer involved with the purchase/sale of a vehicle.

**VDLNAM**

organizationName  type: string

### A.3.5 Dealer Number

A jurisdiction-assigned number used to uniquely identify the dealership within the jurisdiction.

*Usage Note:* This field may contain part of the dealer's FID.

**VDLNUM**

jurisdictionId  type: string

### A.4 BUSINESS

An organization or person engaged in commerce. A Jurisdiction may enter into a commercial partnership a Business to dispense services.

### A.4.1 Employer Identification Number

Employer Identification Number as assigned by the Internal Revenue Service. Commonly referred to as "EIN" or "FEIN" where "F" is for

Source of Definition: IRS
Source of Data: IRS
Logical Format (Type/Max Length): AN/9

Source of Definition: MVA
Source of Data: NICB, MVA, Lien holder
Logical Format (Type/Max Length): AN/108

Source of Definition: MVA
Source of Data: NICB, Automobile dealer
Logical Format (Type/Max Length): AN/35

Source of Definition: Jurisdiction
Source of Data: Jurisdiction
Logical Format (Type/Max Length): AN/5

Source of Definition: MVAs.
Source of Data: Internal Revenue Service, Dept. of Treasury.
Federal. The Social Security Number is often used as a substitute for the Employer Identification Number.

### BBUIEIN

taxId type: string

#### A.4.2 Business Partner ID

A business partner ID is a jurisdiction-assigned code that identifies the business partner of the financial accumulator responsible for a specified subtotal amount in an electronic billing transaction.

#### VPBSID

jurisdictionId type: string

### A.5 Citation

An official summons, ticket, or other official document which requires the motorist to respond or appear (as before a court), issued to a driver for a traffic violation. Also known as a "traffic ticket".

Traffic citations are normally for offenses within a state and processed within that state. Offenses committed on Federal property are handled by the Central Violations Bureau (CVB) and District Courts, which may report the offense to a state motor vehicle agency.

A citation may result in a conviction which may impact the driving privileges.

#### A.5.1 Citation CDL Holder Indicator

A code determining whether or not the driver held a CLP/CDL at the time of the citation - if yes, then the conviction is subject to federal CDL regulations [49 CFR 383.51].

A CDL holder is one whose last jurisdiction-issued license was a CDL. This applies even if:

- The driver’s commercial privileges are withdrawn (even if the jurisdiction issues a non-CDL hardship license for the defined period of the suspension of the commercial privileges).
- The CDL has expired and no other license has been issued.

A CLP holder is one who held a valid (unexpired) CLP at the time of citation.

For a driver to be considered a non-CDL holder, either the driver or the SDLA must take some explicit action.

A CDL holder becomes a non-CDL holder when (1) he/she voluntarily surrenders his/her CDL, or (2) the SDLA downgrades the CDL to a non-CDL.

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Yes - The cited driver held a current CLP or CDL, or if no valid CLP/CDL, his/her previous license was a CDL or his/her CLP had been disqualified and the citation had been issued prior to the expiration date of the CLP.</td>
</tr>
<tr>
<td>2</td>
<td>No - The cited driver only has a current base license, has never held a license, or holds no current license and the previous license was a base license.</td>
</tr>
</tbody>
</table>
9 Unknown (This value is not always allowed, see the specification for any restrictions).

**DCICHI**

citationCdlHolderCode type: string-code

**A.5.2 Citation Date**

The date on which a citation was issued.

**DCIDCI**

citationDate type: string-date

**A.5.3 Citation Court Address State**

The state of the court that adjudicated the citation (and which may initiate nonresident violator compact (NRVC) action if the citation is for an out-of-state driver who did not comply with the terms of the citation).

See the Jurisdiction Mail Abbreviation Values (on page 28) for the list of valid codes.

**DCICST**

citationCourtJurisdiction type: string-code

**A.5.4 Citation Number**

A unique, controlled number printed on each traffic ticket or citation form.

**DCICIT**

citationNumber type: string

**A.5.5 Citation Trial Date**

The date for which appearance in court is set on a citation.

**DCITDT**

citationTrialDate type: string-date

**A.5.6 Parking Citation Bail Amount**

The bail amount for a single parking citation. The bail amount is set by the court for a citation.
A.7.7 Parking Citation Court Code

An identification number, of a court within a state, where the bail is due. This identifier is assigned by the agency responsible for a court.

Source of Definition: MVA.
Source of Data: Law Enforcement.

A.7.8 Parking Citation Number

The number of the citation issued.

Source of Definition: MVA.
Source of Data: MVA; Traffic Enforcement.

A.7.9 Parking Citation Violation Date

The date the parking citation was issued.

Source of Definition: MVA.
Source of Data: DMV, Traffic Enforcement.

A.6 Conviction

A conviction of a moving violation for a driver that was a result of a citation. It may or may not have been handled according to DLC procedures and may or may not have happened or been adjudicated in the home jurisdiction. Traffic infractions are also included within this definition for the jurisdictions that have decriminalized their traffic violations.

Usage Note: AAMVA applications require MVAs to be able to exchange Driver History Records (DHR). Many of the elements described in this section are part of the DHR. See the description of the Driver Control Record (on page 24) for details.

The Conviction Jurisdiction Court Report ID is the primary identifier of a conviction within a jurisdiction. Combinations of other elements and relationships may also be used to identify a conviction.

A conviction may impact the driving privileges of a driver and result in the withdrawal of the driving privileges.

A.6.1 Conviction Commercial Vehicle Indicator

An indicator of whether a commercial vehicle was being used when the offense was committed.

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Yes (commercial)</td>
</tr>
</tbody>
</table>
### Value Description

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>No (non-commercial)</td>
</tr>
<tr>
<td>9</td>
<td>Unknown (This value is not always allowed, see the specification for any restrictions)</td>
</tr>
</tbody>
</table>

**Usage Note:** Used to determine if a conviction is subject to federal CDL regulations [49 CFR 383.51].

### DCVCOM

<table>
<thead>
<tr>
<th>cmvCode</th>
<th>type: string-code</th>
</tr>
</thead>
</table>

#### A.6.2 Conviction Court City / Place

A town, city or named place where the convicting court is located.

**Source of Definition:** D20/79  
**Source of Data:** Abstracts of conviction provided by court

### DCV010

<table>
<thead>
<tr>
<th>courtLocation</th>
<th>type: string</th>
</tr>
</thead>
</table>

#### A.6.3 Conviction Court Type

The type of court which finalized the conviction.

**Source of Definition:** D20/79; AAMVA Data Dictionary/94 #41  
**Source of Data:** Abstracts of conviction furnished by the court

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADM</td>
<td>Administrative Adjudication</td>
<td>MAG</td>
<td>Magistrate Court</td>
</tr>
<tr>
<td>CHA</td>
<td>Chancery Court</td>
<td>MAY</td>
<td>Mayor's Court</td>
</tr>
<tr>
<td>CIR</td>
<td>Circuit Court</td>
<td>MUN</td>
<td>Municipal Court</td>
</tr>
<tr>
<td>CIT</td>
<td>City Court</td>
<td>POL</td>
<td>Police Court</td>
</tr>
<tr>
<td>CIV</td>
<td>Civil Court</td>
<td>SJC</td>
<td>Special Justice Court</td>
</tr>
<tr>
<td>COC</td>
<td>County Court</td>
<td>SPL</td>
<td>Special Court Martial</td>
</tr>
<tr>
<td>COR</td>
<td>Corporation Court</td>
<td>SSP</td>
<td>State Supreme Court</td>
</tr>
<tr>
<td>CRI</td>
<td>Criminal Court</td>
<td>SUM</td>
<td>Summary Court Martial</td>
</tr>
<tr>
<td>DIS</td>
<td>District Court</td>
<td>SUP</td>
<td>Superior Court</td>
</tr>
<tr>
<td>DOT</td>
<td>Secretary USDOT</td>
<td>TJC</td>
<td>Trial Justice Court</td>
</tr>
<tr>
<td>FED</td>
<td>U.S. District Court</td>
<td>TRA</td>
<td>Traffic Court</td>
</tr>
<tr>
<td>GEN</td>
<td>General Court Martial</td>
<td>TRI</td>
<td>Tribal Court</td>
</tr>
<tr>
<td>HUS</td>
<td>Hustings Court</td>
<td>TWN</td>
<td>Town Court</td>
</tr>
<tr>
<td>JPC</td>
<td>Justice of Peace Court</td>
<td>UNK</td>
<td>Unknown</td>
</tr>
<tr>
<td>JUS</td>
<td>Justice Court</td>
<td>USC</td>
<td>U.S. Commissioner</td>
</tr>
<tr>
<td>JUV</td>
<td>Juvenile Court</td>
<td>USM</td>
<td>U.S. Magistrate Court</td>
</tr>
<tr>
<td>LEC</td>
<td>Law and Equity Court</td>
<td>USS</td>
<td>U.S. Supreme Court</td>
</tr>
</tbody>
</table>

### DCVCRT

<table>
<thead>
<tr>
<th>courtCategoryCode</th>
<th>type: string-code</th>
</tr>
</thead>
</table>

#### A.6.4 Conviction Date

Logical Format (Type/Max Length): AN/3
The date that an individual was convicted.

**DCVDCV**

- **activityDate** type: string-date

A.6.5 **Conviction Fine**

A payment assessed by a judge, or the amount of forfeited bond or collateral, in whole dollars, arising from a traffic violation conviction. The fine is tracked in U.S. in dollars (any pennies are rounded to the nearest dollar).

**DCVO30**

- **fineAmount** type: number-Integer

A.6.6 **Conviction HAZMAT Indicator**

For a specific conviction of a driver, a determination of whether the violation occurred while the driver was carrying hazardous materials (that required a placard) in a commercial vehicle.

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Yes (hazardous materials)</td>
</tr>
<tr>
<td>2</td>
<td>No (no hazardous materials)</td>
</tr>
<tr>
<td>9</td>
<td>Unknown (This value is not always allowed, see the specification for any restrictions).</td>
</tr>
</tbody>
</table>

**Usage Note:** Used to determine if a conviction is subject to federal CDL regulations [49 CFR 383.51].

**DCVHAZ**

- **hazMatCode** type: string-code

A.6.7 **Conviction Jail Sentence Length**

A sentence of the court in days, arising from conviction of a traffic violation.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>000</td>
<td>None</td>
</tr>
<tr>
<td>nnn</td>
<td>Sentence in days (Up to the Maximum Sentence Provided by Law)</td>
</tr>
</tbody>
</table>

**DCVO40**

- **sentenceTerm** type: number-integer

A.6.8 **Conviction Judge Identification Number**

A unique number assigned to each judge or administrative adjudication officer.

**Usage Note:**

- Source of Definition: D20 /79.
- Source of Data: Court or DMV.
- Logical Format (Type/Max Length): 3/AN.
**DCV050**

judicialRegistrationId type: string

**A.6.9 Conviction Jurisdiction Court Report ID**

The Jurisdiction of Conviction’s unique identifier for an individual conviction of a driver. The identifier may be a summons number, a reference to a record in a file, a database, a microfilm, or any other reference assigned by the jurisdiction of conviction. The identifier is unique within the jurisdiction and enables the jurisdiction to look up the original record of the conviction.

The element is sometimes referred to as the "Conviction Offense Locator Reference".

**DCVCLO**

locatorReference type: string

**A.6.10 Conviction Jurisdiction Offense Code**

The Jurisdiction of Conviction’s native code for the type of offense committed by the driver.

*Usage Note:* Typically, a reference to a statute within a jurisdiction.

**DCVCOR**

offenseText type: string

**A.6.11 Conviction Offense ACD Code**

A code describing an offense for which an individual was convicted.


**DCVCCA**

acdCode type: string-code

**A.6.12 Conviction Points, Violation Demerit**

The demerit points assessed for a specific conviction of a traffic violation.

*Usage Note:* Only used in states that have a point system.

**DCV060**

demeritPoints type: number-integer

**A.6.13 Conviction Suspended Sentence**

The length of time (in days) of a suspended sentence arising from a conviction for a traffic violation.

---

**Table: Conviction Suspended Sentence**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Source of Data</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>D20/79</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Source of Data: Assigned by DMV from abstracts of convictions furnished by the court.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Logical Format (Type/Max Length): N/2</td>
</tr>
</tbody>
</table>

**Source of Definition:** D20/79.
A crash describes a traffic incident in which people are injured or property sustained damage due to an accident or crash. It may also describe an incident where control of a vehicle was lost, but no injury or damage was sustained (e.g. skidding onto grass at the side of the road). In the context of a traffic incident, using the term "accident" does not imply the event was unavoidable. So the terms Accident and Crash may be used synonymously (e.g. the Crash Date is used for "the date when a driver drove his car into a tree (a crash)" and would also be used for "the date when a tree fell on a parked car (an accident)").
History Note, on the terms Accident and Crash: As early as 1914, members of the National Safety Council’s Public Safety Section were developing standard Accident Data Forms for state and city use. AAMVA started to formally use ‘accident’ in its element definitions in 1979 when the 1st edition of D20 was defined by the AAMVA membership. In 1997 NHTSA proposed replacing the term Accident with Crash, because the term Accident implied no one was responsible for the incident. In 2019 AAMVA switched to using the term ‘crash’. The computer applications used by AAMVA’s membership still label traffic incident data elements as Accident data. So while AAMVA’s policy is to: use Crash in place of Accident, at the software implementation level, the term ‘accident’ may still be encountered.

Emergency responders and insurance carriers are the entities who capture these details and they use many of the same elements when recording information about a traffic incident, be it an accident or a crash. Emergency responders file information about the traffic incident, in the jurisdictions where the incident occurred.

Crash information is recorded for each driver involved in the incident and linked to the driver via their driver license record.

The elements included under Crash in D20, are the elements shared in a Driver’s History. There are definitions for a number of additional Crash data elements defined in other standards such as D16 and MMUCC.

A.7.1 Crash Involving Commercial Vehicle

The Federal Motor Carrier Safety Administration (FMCSA) State Safety Data Quality (SSDQ) Program created the following guidance for law enforcement officers to identify Truck and Bus Crashes Reportable to FMCSA. (Aka. Blue Visor Card).

<table>
<thead>
<tr>
<th>Report A Traffic Crash If It Involves</th>
</tr>
</thead>
<tbody>
<tr>
<td>Any truck that has a gross vehicle weight rating (GVWR) of more than 10,000 pounds or a gross combination weight rating (GCWR) of more than 10,000 pounds used on public highways</td>
</tr>
<tr>
<td>...AND results in</td>
</tr>
<tr>
<td>A fatality: any person(s) killed in or outside of any vehicle (truck, bus, car, etc.) involved in the crash or who dies within 30 days of the crash as a result of an injury sustained in the crash</td>
</tr>
</tbody>
</table>

A.7.2 Crash Citation

A code indicating whether a citation was issued as a result of a crash.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Not crash related</td>
</tr>
<tr>
<td>1</td>
<td>Crash related</td>
</tr>
<tr>
<td>9</td>
<td>Unknown</td>
</tr>
</tbody>
</table>

Source of Definition: D20/79.
Source of Element: Officer Knowledge.

DACACC
citationCode  type: string-code

A.7.3 Crash County

Appendix A: Data Dictionary
The code identifying the county (or equivalent sub-division of a state) in which a crash occurred.

This list used to be published by NIST as FIPS 6-4, it is now maintained by the U.S. Census Bureau. See the ANSI Codes for County Subdivisions at https://www.census.gov/library/reference/code-lists/ansi.html#cousub

### A.7.4 Driver Crash Commercial Vehicle Indicator

A determination of whether the crash occurred while the driver was operating a commercial vehicle.

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Yes (commercial)</td>
</tr>
<tr>
<td>2</td>
<td>No (non-commercial)</td>
</tr>
<tr>
<td>9</td>
<td>Unknown</td>
</tr>
</tbody>
</table>

### A.7.5 Driver Crash HAZMAT Indicator

A determination of whether the crash occurred while the driver was operating a commercial vehicle that was carrying hazardous materials (that required a placard).

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Yes (hazardous materials)</td>
</tr>
<tr>
<td>2</td>
<td>No (no hazardous materials)</td>
</tr>
<tr>
<td>9</td>
<td>Unknown (This value is not always allowed, see the specification for any restrictions)</td>
</tr>
</tbody>
</table>

### A.7.6 Crash Date

The date on which a crash occurred.

Source of Definition: D20/79; AAMVA Data Dictionary/94 #49
Source of Data: Officer Knowledge; Crash report; Emergency response unit report
Synonyms: Accident Date; Collision Date; Wreck Date.
### A.7.7 Crash Jurisdiction Code

A code identifying the state or province in which a crash took place. See the Jurisdiction Code Values (on page 27) for the list of valid codes.

**Source of Definition:** AAMVA Data Dictionary/94 #50

**Source of Data:** Crash report; Driver data base.

**Synonyms:** Accident State.

| DACJUR | licensingJurisdictionCode | type: string-code |

### A.7.8 Crash Locator Reference

A reference number for the organization that keeps crash records.

**Source of Definition:** AAMVA Data Dictionary 1994-#54.

**Source of Data:** Internal coding system for filing documents of jurisdiction reporting crash.

| DACLOC | locatorReference | type: string |

### A.7.9 Crash Severity Code

The severity of a crash, based on the most intense injury to any person or, if none were injured, so designating.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Fatal crash</td>
</tr>
<tr>
<td>2</td>
<td>Incapacitating injury crash</td>
</tr>
<tr>
<td>3</td>
<td>Non incapacitating evident injury crash</td>
</tr>
<tr>
<td>4</td>
<td>Possible injury crash</td>
</tr>
<tr>
<td>5</td>
<td>Non injury crash (property-damage-only crash)</td>
</tr>
<tr>
<td>9</td>
<td>Unknown</td>
</tr>
</tbody>
</table>

**Source of Definition:** D20/79; ANSI D16/89, 3.4.1.

**Source of Data:** Crash report.

**Synonyms:** Accident classification; Accident severity code; Accident severity classification.

| DACSEV | crashSeverityCode | type: string-code |

### A.7.10 Crash Care By Non Response Unit

The type of immediate or emergency medical service provided at the crash site by anyone other than a member of an emergency medical response unit.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>NON</td>
<td>None</td>
</tr>
<tr>
<td>AID</td>
<td>First aid</td>
</tr>
<tr>
<td>RES</td>
<td>Resuscitation</td>
</tr>
<tr>
<td>EXT</td>
<td>Extrication</td>
</tr>
<tr>
<td>ARE</td>
<td>First aid and resuscitation</td>
</tr>
</tbody>
</table>

**Source of Definition:** D20/79.

**Source of Data:** Emergency medical organization.

**Synonyms:** On Site Care; Non Response Unit Care; Emergency Location Treatment; Accident Site Service.
AEX First aid and extrication
REX Resuscitation and extrication
OTH Other

**DAC010**
careCode type: string

---

### Appendix A: Data Dictionary

#### A.8 CREDIT CARD

Organizations charge fees for services and credit cards may be used to pay these fees. The following are high-level data definitions of the card fields. A charge to a card, will also contain information about the transactions, see the **Fee** (on page 97) data elements for details.

Credit card charges are made by interfacing with the card provider or a broker, check with the vendor for the details of their API.

Any credit card data stored or transmitted should conform with the Payment Card Industry Data Security Standard (PCI DSS).

##### A.8.1 Credit Card Authorization Code

A code issued by a credit card company that indicated if a credit card charge is accepted or rejected.

**VCCACD**
authorizationCode type: string

##### A.8.2 Credit Card Number And Expire Date

An element containing two fields that have been combined and encrypted. The encryption process is desired for the security of the credit card number.

**VCCNED**
expires type: string

##### A.8.3 Credit Card Reference

A unique assignment that appears on the client’s statement to identify the charge.

**VCCREF**
reference type: string

##### A.8.4 Credit Card Type

A code for the company issuing the credit card.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>MasterCard</td>
</tr>
<tr>
<td>2</td>
<td>Visa</td>
</tr>
</tbody>
</table>
### A.9 Driver

A person who has ever held a driver license or is recorded on the MVA database.

**History Note:** D20 was originally focused on Driver Licenses so information about people got classified as Driver information. Today MVAs still issue Driver Licenses, but many also issue State ID Cards to individuals who do not drive. The original element definitions remain in D20, however it should be recognized that the Driver data elements may also be used to convey information about a person who is not authorized drive.

**Usage Note:** AAMVA applications require MVAs to be able to exchange Driver History Records (DHR). Many of the elements described in this section are part of the DHR. See the description of the [Driver Control Record](on page 24) for details.

#### A.9.1 Driver Date Of Birth

The birth date of a driver.

**Source of Definition:** D20/79; AAMVA Data Dictionary/94 #7

**Source of Data:** Driver license applicant; Driver license; Crash report

**Synonyms:** DOB

#### A.9.2 Driver Eye Color

The color of driver's eyes.

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>BLK</td>
<td>Black</td>
</tr>
<tr>
<td>BLU</td>
<td>Blue</td>
</tr>
<tr>
<td>BRO</td>
<td>Brown</td>
</tr>
<tr>
<td>DIC</td>
<td>Dichromatic</td>
</tr>
<tr>
<td>GRY</td>
<td>Gray</td>
</tr>
<tr>
<td>GRN</td>
<td>Green</td>
</tr>
<tr>
<td>HAZ</td>
<td>Hazel</td>
</tr>
<tr>
<td>MAR</td>
<td>Maroon</td>
</tr>
<tr>
<td>PNK</td>
<td>Pink</td>
</tr>
<tr>
<td>UNK</td>
<td>Unknown</td>
</tr>
</tbody>
</table>

**Source of Definition:** ANSI D20/79

**Source of Data:** License application

#### DDVEYE

Eye Color Description

A categorization of the color of the iris in a person's eyes. Tinted contact lenses should be removed before assessing the eye color.
### A.9.3 Driver Hair Color

Color of an individual driver’s hair.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>BAL</td>
<td>Bald</td>
</tr>
<tr>
<td>BLK</td>
<td>Black</td>
</tr>
<tr>
<td>BLN</td>
<td>Blond</td>
</tr>
<tr>
<td>BRO</td>
<td>Brown</td>
</tr>
<tr>
<td>GRY</td>
<td>Gray</td>
</tr>
<tr>
<td>RED</td>
<td>Red/Auburn</td>
</tr>
<tr>
<td>SDY</td>
<td>Sandy</td>
</tr>
<tr>
<td>WHI</td>
<td>White</td>
</tr>
<tr>
<td>UNK</td>
<td>Unknown</td>
</tr>
</tbody>
</table>

**DDVHCL**

`hairColorCode` type: string-code

**Logical Format (Type/Max Length): A/3**

### A.9.4 Driver Height

The height in feet and inches of an individual driver. The first digit contains the number of feet and the last two digits contain the number of inches.

*Example:* If a driver is 5'8", the value of this field would = "508".

**DDVHGT**

`height` type: number-integer

**Logical Format (Type/Max Length): N/3**

### A.9.5 Driver Mailing Address

The mailing address of a driver (or a MVA customer).

The address contains a number of sub-fields for holding the components of an address. The components are:

<table>
<thead>
<tr>
<th>Element</th>
<th>Format</th>
<th>Presence</th>
<th>Maximum Size of a short address</th>
<th>Tag</th>
</tr>
</thead>
<tbody>
<tr>
<td>Street Address Line 1</td>
<td>string</td>
<td>Required</td>
<td>20</td>
<td>line1</td>
</tr>
<tr>
<td>Street Address Line 2</td>
<td>string</td>
<td>Optional</td>
<td>20</td>
<td>line2</td>
</tr>
</tbody>
</table>

**Source of Data:** Individual who applies for a driver license.

*Source of Data:* Individual who applies for a driver license.

*Source of Data:* Driver license applicant.

*Source of Data:* Motor Vehicle Agency; Driver
### Appendix A: Data Dictionary

#### Logical Format (Type/Max Length): AN/71

**DDVADD**

<table>
<thead>
<tr>
<th>Element</th>
<th>Format</th>
<th>Presence</th>
<th>Maximum Size of a short address</th>
<th>Tag</th>
</tr>
</thead>
<tbody>
<tr>
<td>City (and/or foreign country)</td>
<td>string</td>
<td>Required</td>
<td>15</td>
<td>city</td>
</tr>
<tr>
<td>State Code</td>
<td>string</td>
<td>Optional</td>
<td>2</td>
<td>stateCode</td>
</tr>
<tr>
<td>ZIP Code</td>
<td>string</td>
<td>Optional</td>
<td>5</td>
<td>postalCode</td>
</tr>
<tr>
<td>ZIP +4</td>
<td>string</td>
<td>Optional</td>
<td>4</td>
<td>postalExtensionCode</td>
</tr>
</tbody>
</table>

Usage Note: DPPA rule 18 USC § 2725 identifies this element as personal information that a Motor Vehicle Agency must keep secure.

**DDVNAM**

<table>
<thead>
<tr>
<th>Element</th>
<th>Format</th>
<th>Presence</th>
<th>Maximum Size of a short address</th>
<th>Tag</th>
</tr>
</thead>
<tbody>
<tr>
<td>personName</td>
<td>type: group: Name</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>givenName</td>
<td>type: string</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>middleName</td>
<td>type: string</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>surName</td>
<td>type: string</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>suffixCode</td>
<td>type: string</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Logical Format (Type/Max Length): AN/35

**DDVMED**

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>true</td>
<td>Medical file exists</td>
</tr>
<tr>
<td>false</td>
<td>No medical file</td>
</tr>
</tbody>
</table>

Source of Definition: DHR/90; AAMVA Data Dictionary/94 #19

Source of Data: Medical advisory board

Logical Format (Type/Max Length): AN/5

**Usage Note:** DPPA rule 18 USC § 2725 identifies this element as personal information that a Motor Vehicle Agency must keep secure.

Source of Definition: D20/79; AAMVA Data Dictionary/94 #2; SR22

Source of Data: Insurer; driver

Logical Format (Type/Max Length): AN/71

**Usage Note:** DPPA rule 18 USC § 2725 identifies this element as personal information that a Motor Vehicle Agency must keep secure.

**Logical Format (Type/Max Length): AN/71**

**DDVADD**

mailingAddress type: group: address

The address is composed of:

- **line1** type: string
- **line2** type: string
- **city** type: string
- **stateCode** type: string
- **postalCode** type: string
- **postalExtensionCode** type: string

**A.9.7 Driver Name**

The full name of the driver.

See the [AAMVA Person Name Rule](#) for the rules governing the format of a person's name.

**Usage Note:** DPPA rule 18 USC § 2725 identifies this element as personal information that a Motor Vehicle Agency must keep secure.
A.9.8 Driver Race And Ethnicity

Classification of an individual driver on the basis of a common history, nationality, geographical distribution, or social group of common religious linguistics, ancestral or physical characteristics.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AI</td>
<td>Alaskan or American Indian</td>
</tr>
<tr>
<td>AP</td>
<td>Asian or Pacific Islander</td>
</tr>
<tr>
<td>BK</td>
<td>Black</td>
</tr>
<tr>
<td>H</td>
<td>Hispanic Origin</td>
</tr>
<tr>
<td>O</td>
<td>Non-hispanic</td>
</tr>
<tr>
<td>U</td>
<td>Unknown</td>
</tr>
<tr>
<td>W</td>
<td>White</td>
</tr>
</tbody>
</table>

Usage Note: This element is being deprecated and will be gradually replaced by elements BPERAC - Person Race and by BPEETH - Person Ethnicity.

DDVRAC

raceCode type: string-code

A.9.9 Driver Residence Address

The place where the driver resides.

The address contains a number of sub-fields for holding the components of an address. The components are:

<table>
<thead>
<tr>
<th>Element</th>
<th>Format</th>
<th>Presence</th>
<th>Maximum Size of a short address</th>
<th>Tag</th>
</tr>
</thead>
<tbody>
<tr>
<td>Street Address Line 1</td>
<td>string</td>
<td>Required</td>
<td>20</td>
<td>line1</td>
</tr>
<tr>
<td>Street Address Line 2</td>
<td>string</td>
<td>Optional</td>
<td>20</td>
<td>line2</td>
</tr>
<tr>
<td>City (and/or foreign country)</td>
<td>string</td>
<td>Required</td>
<td>15</td>
<td>city</td>
</tr>
<tr>
<td>State Code</td>
<td>string</td>
<td>Optional</td>
<td>2</td>
<td>stateCode</td>
</tr>
<tr>
<td>ZIP Code</td>
<td>string</td>
<td>Optional</td>
<td>5</td>
<td>postalCode</td>
</tr>
<tr>
<td>ZIP +4</td>
<td>string</td>
<td>Optional</td>
<td>4</td>
<td>postalExtensionCode</td>
</tr>
</tbody>
</table>

Usage Note: DPPA rule 18 USC § 2725 identifies this element as personal information that a Motor Vehicle Agency must keep secure.

DDVRAA

residenceAddress type: group: address

The address is composed of:
- line1 type: string
- line2 type: string
- city type: string
- stateCode type: string
- postalCode type: string
- postalExtensionCode type: string
A.9.10  Driver Sex

The sex of a driver.

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Unknown</td>
</tr>
<tr>
<td>1</td>
<td>Male</td>
</tr>
<tr>
<td>2</td>
<td>Female</td>
</tr>
<tr>
<td>9</td>
<td>Not specified or Non-binary gender</td>
</tr>
</tbody>
</table>

**DDVSEX**

sexCode  type: string-code

**Source of Definition:** ISO 5219; D20/79; AAMVA Data Dictionary/94 #8

**Source of Data:** Individual; driver license; crash reports; conviction reports.

**Synonym:** Gender

A.9.11  Driver Social Security Number

The unique number assigned by the Social Security Administration to an individual, who is a driver. This field holds the nine numeric digits, no separators are included.

**Usage Note:** DPPA rule 18 USC § 2725 identifies this element as personal information that a Motor Vehicle Agency must keep secure.

**DDVSSN**

ssn  type: string

When the SSN is presented on a computer screen or even on the SSA issued card, the SSN is often shown with separators between the three parts of the number. For electronic representations, this field is held as a nine digit number without separators.

A.9.12  Driver Weight

The weight of a driver in pounds.

**Example:** 195

**DDVWGT**

weight  type: number-integer

A.9.13  Passport Number

An alpha-numeric identifier as given by the issuing jurisdiction to uniquely identify the document from all other machine readable travel documents issued by the jurisdiction.

**Usage Note:** In many countries (including the U.S.), the number on a passport identifies a document not a person, so when a passport is renewed a new number will be issued.
Most countries conform with the ICAO 9309 standard for travel documents, which specifies the passport number is 9 characters long.

**BFDPPN**

| passportNumber | type: string |

### Appendix A: Data Dictionary

#### A.9.14 U.S. Passport Number Format

Every United States passport has a "Passport Number" which identifies the passport document. Over time a person may have been issued a number of passports, with different numbers on each. Note, the number on an Emergency (replacement for a stolen) passport may be a recycled number which may be harder to verify.

U.S. Passport Number are composed of letters and numbers (and no other special characters). The formats include:

- For passports issued in 2021 and later:
  - "A" (in upper case), followed by eight numeric characters - for most new Passport Books (blue cover), including passports for No-fee military dependents. Other letters of the alphabet will be used once all book numbers beginning with "A" have been exhausted (although this is not expected to happen for many years).
  - "C" (in upper case), followed by eight numeric characters - this is used on current Passport Cards
  - "X" (in upper case), followed by eight numeric characters - for new Diplomatic Passport Books (black cover).
  - "Y" (in upper case), followed by eight numeric characters - for new Official Passport Books (maroon cover).
  - "Z" (in upper case), followed by eight numeric characters - for new Military Service Passport Books (gray cover).
  - Nine numeric digits - for certain Passport Books (blue cover), such as emergency passports and in regular passports issued in early 2021.

- For current passports issued in 2021 and earlier:
  - Nine numeric digits - the common format for Passport Books
  - "C" (in upper case), followed by eight numeric characters - this is used on current Passport Cards

- For expired passports: Six, seven and eight characters, have been used in the past. These are old formats and are no longer used on current passports.

Care must be taken with the letters in a passport number, because some systems are case sensitive.

#### A.9.15 Person Digital Image

A photograph or image of a person in a digital format.

Usage Note: There is no single rule for the photo, individual applications, standards and practices specify their own requirements. Requirements should be specified for:

- **Pose.** It is recommended that the photo should depict the face of the person in a full-face frontal pose with both eyes visible. This pose is ideal for facial recognition software processing.
- **Color.** A true color representation of the person’s face is recommended for the electronic photo data. (This data can then be used to print a color photo or a monochrome laser engraving).
• **Electronic data size.** The individual uses may specify a maximum and/or minimum number of bytes used for the electronic data. (A common maximum size is 32K). The data size requirement will need to be sufficient to support any requirements on the dimensions of the printed picture, or for facial recognition.

• **Electronic file format.** JPEG is the recommended format for holding the image electronically (JPEG is the most commonly used format). However other formats may be specified for individual uses.

• **Electronic exchange format.** The specifications for individual applications will specify the format used to exchange images between parties. This is often dictated by constraints in the exchange protocol (e.g. binary data (as used in a JPEG file) is not directly supported in XML so the file has to be encoded in a format like Base 64).

**BPEDIO**

`personDigitalImage` type: string-base64

**A.9.16 Person Ethnicity**

Classification of an individual’s ethnicity, related to having a Hispanic or Latino origin.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>H</td>
<td>Hispanic Origin</td>
</tr>
<tr>
<td>O</td>
<td>Non-hispanic</td>
</tr>
<tr>
<td>U</td>
<td>Unknown</td>
</tr>
</tbody>
</table>

*Usage Note:* The 2020 U.S. Census, included Mexican, Mexican American, Chicano, Puerto Rican, Cuban, Salvadoran, Dominican, Colombian, Guatemalan, Ecuadorian, Spaniard, etc. as Hispanic.

**BPEETH**

`ethnicityCode` type: string-code

**Logical Format (Type/Max Length):** A/1

**A.9.17 Person Last Complete Examination Date**

The date that an individual last took a complete driver’s examination.

*Usage Note:* Used to determine when a driver must be re-examined.

**BPE010**

`lastExamDate` type: string-date

**Logical Format (Type/Max Length):** Date

**A.9.18 Person Military Indicator**

This field contains a code to show whether the person is or was ever in military service.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Yes</td>
</tr>
<tr>
<td>2</td>
<td>No</td>
</tr>
</tbody>
</table>

**BPEMIL**

`militaryCode` type: string-code

**Logical Format (Type/Max Length):** A/1

**A.9.19 Person Nationality Code**
An identifier of the primary nationality of a person.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>USA</td>
<td>United States of America.</td>
</tr>
<tr>
<td>CAN</td>
<td>Canada</td>
</tr>
</tbody>
</table>

**BPENTC**

`nationalityCode`  type: string-code

**A.9.20 Person Name Group**

A group of components that make up a name of a person. This group contains elements:

- Person First Name (BPENFT)
- Person Middle Name (BPENMD)
- Person Last Name (BPENLT)
- Person Name Suffix (BPENSX)
- Person First Name Truncation Code (BPENTF)
- Person Middle Name Truncation Code (BPENTM)
- Person Last Name Truncation Code (BPENTL)
- Person First Name Transliteration Code (BPENRF)
- Person Middle Name Transliteration Code (BPENRM)
- Person Last Name Transliteration Code (BPENRL)

See the AAMVA Person Name Rule 2008 (on page 13) for the complete set of rules governing the format of a person’s name.

**BPENGP**

`name`  type: group: PersonName

**A.9.21 Person Points, Active Demerit**

The total number of active demerit points which the individual has accumulated.

**BPEPTQ**

`demeritPoints`  type: string

**A.9.22 Person Organ Donor Indicator**

An indication that shows if a person has volunteered to donate (some or all) of their organs or tissue.

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>true</td>
<td>Yes its true</td>
</tr>
<tr>
<td>false</td>
<td>No its false</td>
</tr>
</tbody>
</table>

**BPEODI**

`isOrganDonatorIndicator`  type: boolean

**A.9.23 Person Race**
Classification of a person on the basis of a common history, geographical distribution, ancestral or physical characteristics.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Asian</td>
</tr>
<tr>
<td>B</td>
<td>Black (African American)</td>
</tr>
<tr>
<td>I</td>
<td>Native American (Alaskan or American Indian)</td>
</tr>
<tr>
<td>O</td>
<td>Other</td>
</tr>
<tr>
<td>P</td>
<td>Native Hawaiian or Pacific Islander</td>
</tr>
<tr>
<td>U</td>
<td>Unknown</td>
</tr>
<tr>
<td>W</td>
<td>White (Caucasian)</td>
</tr>
<tr>
<td>X</td>
<td>Multi-racial</td>
</tr>
</tbody>
</table>

Usage Note: The data is often the individual's self identification of their race.

**BPERAC**

- **raceCode**
  - type: string-code

**A.9.24 Person Veteran Indicator**

An indication that shows if a person is a veteran of the U.S. military.

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>true</td>
<td>Yes its true</td>
</tr>
<tr>
<td>false</td>
<td>No its false</td>
</tr>
</tbody>
</table>

**BPEVTI**

- **isMilitaryVeteran**
  - type: boolean

**A.9.25 USCIS Alien Registration Number**

The alien registration number is assigned by the USCIS to a person who is not a citizen of the United States. The number is the identifier of the USCIS file for the alien.

Usage Note: When printed it appears as "A" followed by seven, eight or nine digits. In electronic form the "A" is omitted and the digits are right justified with leading zeros.

**BFDARN**

- **alienNumber**
  - type: string

**A.10 DRIVER EDUCATION AND IMPROVEMENT**

Driver Education and Improvement describes activates which a driver may take, typically to improve safe driving or qualify for a higher level of driving privileges. These improvement clinics may be voluntary or may be required if a driver has committed a driving offense.

**A.10.1 Driver Education Completion Date**
The date that the prescribed driver or motorcycle rider education course curriculum was completed.

**DDE001**

courseCompletedDate  type: string-date

**A.10.2 Driver Education Curriculum Type**

The type of driver or motorcycle rider education course that the license applicant has satisfactorily completed.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>None</td>
</tr>
<tr>
<td>1</td>
<td>Automobile driver</td>
</tr>
<tr>
<td>2</td>
<td>Motorcycle rider</td>
</tr>
<tr>
<td>3</td>
<td>Commercial Vehicle driver</td>
</tr>
<tr>
<td>7</td>
<td>Other (defensive driving, new driver orientation, etc.)</td>
</tr>
</tbody>
</table>

**DDE002**
curriculumTypeCode  type: string-code

**A.10.3 Driver Education Facility City/Place**

The location where the driver or motorcycle rider education course was completed.

**DDE003**
courselocation  type: string

**A.10.4 Driver Education Facility Type**

The type of facility which offered the driver or motorcycle rider education course that the license applicant has satisfactorily completed.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>None</td>
</tr>
<tr>
<td>1</td>
<td>Public High School</td>
</tr>
<tr>
<td>2</td>
<td>Non Public High School</td>
</tr>
<tr>
<td>3</td>
<td>Commercial Driving School</td>
</tr>
<tr>
<td>4</td>
<td>University or College</td>
</tr>
<tr>
<td>7</td>
<td>Other</td>
</tr>
</tbody>
</table>

**DDE004**

Source of Definition: D20/79.
Source of Data: A course completion certificate presented by the individual.
Synonyms: Motorcycle Rider Course Completion Date.
Logical Format (Type/Max Length): Date

Source of Definition: D20/79.
Source of Data: Driver license application or course completion certificate presented by the applicant.
Synonyms: Course Facility Type.
Logical Format (Type/Max Length): N/1

Source of Definition: D20/79.
Source of Data: Driver license application; Driver/rider education course certificate of completion.
Synonyms: Motorcycle Rider Course Location.
Logical Format (Type/Max Length): N/5

Source of Definition: D20/79.
Source of Data: Driver license application or course completion certificate presented by the applicant.
Synonyms: Motorcycle Rider Course Facility Type.
Logical Format (Type/Max Length): N/1
facilityTypeCode  type: string-code

A.10.5  Driver Improvement Analyst’s Recommendation

The recommendation of the driver improvement analyst after an interview with the driver.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAN</td>
<td>Canceled</td>
</tr>
<tr>
<td>CLN</td>
<td>Clinic</td>
</tr>
<tr>
<td>DEN</td>
<td>Denied</td>
</tr>
<tr>
<td>NON</td>
<td>No Action</td>
</tr>
<tr>
<td>PRB</td>
<td>Probation</td>
</tr>
<tr>
<td>REV</td>
<td>Revocation</td>
</tr>
<tr>
<td>SUR</td>
<td>Surrendered</td>
</tr>
<tr>
<td>SUS</td>
<td>Suspended</td>
</tr>
<tr>
<td>OTH</td>
<td>Other Action</td>
</tr>
</tbody>
</table>

Source of Definition: D20/79.  
Source of Data: Analyst’s report of interview.

DDVIMP

recommendationCode  type: string-code

Logical Format (Type/Max Length): A/3

A.10.6  Driver Improvement Clinic Assignment Date

The date that the individual driver must begin the driver improvement clinic course.

Source of Definition: D20/79.  
Source of Data: Driver improvement analyst’s report of the interview.

DDE010

improvementStartDate  type: string-date

Logical Format (Type/Max Length): Date

A.10.7  Driver Improvement Clinic City/Place

An identifier of the location where the driver improvement clinic will be held.

Source of Definition: D20/79.  
Source of Data: Analyst’s report of interview.

DDE011

clinicLocation  type: string

Logical Format (Type/Max Length): N/5

A.11  DRIVER LICENSE

A license issued by a Jurisdiction to an individual to operate a motor vehicle. This includes all licenses issued, not just those that are current. A Jurisdiction may also record "Dummy” license records to track unlicensed drivers and out-of-state offenders.

Many MVAs are responsible for issuing both Driver Licenses and ID Cards. Many of the following elements are described as Driver License elements, but they could also be used to hold ID Card data. In some MVAs, this data is referred to as Customer data.

A license may be a base license or a commercial license and have additional privileges authorized by the Class or Endorsement.
Usage Note: AAMVA applications require MVAs to be able to exchange Driver History Records (DHR). Many of the elements described in this section are part of the DHR. See the description of the Driver Control Record (on page 24) for details.

A license or an ID is usually identified by its Number. A number of states allow a person to hold both a license and an ID. In a few of these states, the same customer number is used on both credentials. For these cases the Number and Document Type are needed to uniquely identify the credential.

### A.11.1 CDL Medical Self Certification Code

A driver's self-certification of the driver's status regarding 49 CFR 390.3 and the type of driving.

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EA</td>
<td>Excepted Intrastate</td>
</tr>
<tr>
<td>EI</td>
<td>Excepted Interstate</td>
</tr>
<tr>
<td>NA</td>
<td>Non-excepted Intrastate</td>
</tr>
<tr>
<td>NI</td>
<td>Non-excepted Interstate</td>
</tr>
</tbody>
</table>

**Source of Definition:** FMCSA; 49 CFR 390.3  
**Source of Data:** The medical certificate prepared by an approved examiner.

---

### A.11.2 Driver License Advisory Letter Date

A date when an advisory letter was sent to a driver license holder.

**Source of Definition:** D20/79  
**Source of Data:** Departmental records; conviction abstracts.  
**Synonyms:** Warning Letter Date

---

### A.11.3 Driver License Advisory Letter Type Code

A purpose of an advisory letter which was sent to a driver license holder.

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>WAR</td>
<td>Warning</td>
</tr>
<tr>
<td>REV</td>
<td>Revocation</td>
</tr>
<tr>
<td>SUS</td>
<td>Suspension</td>
</tr>
<tr>
<td>CAN</td>
<td>Cancelation</td>
</tr>
<tr>
<td>DEN</td>
<td>Denial</td>
</tr>
<tr>
<td>HER</td>
<td>Hearing or Interview</td>
</tr>
<tr>
<td>PRB</td>
<td>Probation</td>
</tr>
<tr>
<td>CLN</td>
<td>Clinic</td>
</tr>
<tr>
<td>RSN</td>
<td>Restoration</td>
</tr>
</tbody>
</table>

**Source of Definition:** D20/79  
**Source of Data:** Departmental Records

---

### A.11.4 Driver License Application Date

Source of Definition: D20/79  
Source of Data: Departmental Records
A date on which an application was made for a driver license, driver permit or identification card.

**DDLAPD**  
applicationDate  
type: string-date

### A.11.5 Driver License Card ID

An identifier that is affixed to the raw materials (card stock, laminate, etc.) used in producing driver license and ID cards. The numbers are issued by the material's manufacturer and provide a unique reference within a jurisdiction.

*Usage Note:* This number may serve multiple purposes of document discrimination, audit information number, and/or inventory control, in support of the REAL ID requirements.

**DDLCID**  
documentDiscriminator  
type: string

### A.11.6 Driver License Card Design Revision Date

An implementation date of the most recent version or modification to the visible design of a jurisdiction's driver license or ID card.

**DDLDRD**  
cardRevisionDate  
type: string-date

### A.11.7 Driver License Commercial Class Code

The type of commercial vehicle that a licensed driver has been examined on and approved to operate. This field represents the highest-level classification for a particular Driver Privilege Type.

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Class &quot;A&quot; vehicles [49 CFR 383.91(a)(1)]</td>
</tr>
<tr>
<td>B</td>
<td>Class &quot;B&quot; vehicles [49 CFR 383.91(a)(2)]</td>
</tr>
<tr>
<td>C</td>
<td>Class &quot;C&quot; vehicles [49 CFR 383.91(a)(3)]</td>
</tr>
<tr>
<td>M</td>
<td>Class &quot;M&quot; vehicles - Motorcycles, Mopeds, Motor-driven Cycles (class M is being retired as a Commercial Class).</td>
</tr>
</tbody>
</table>

See **Commercial Class Definition** (on page 23) for the detailed definition and examples of the commercial class codes.

*Usage Note:*
- When not present, this is an indication that the driver never held a license or the information is no longer available.
- Until value M is retired: this is a group field that can hold up to three occurrences of class code. In practice it will be used for two codes at most ('AM', 'BM' or 'CM').

**DDLCCL2**

Logical Format (Type/Max Length): AN/3
Any endorsements on a driver license (not a permit) which authorize the operation of specified types of vehicles or the operation of vehicles carrying specified loads. Endorsements are specific to classifications of a driver license.

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>N</td>
<td>Tank - This endorsement is required for the operation of any tank vehicle, as defined in (49 CFR 383.5).</td>
<td><img src="tank.png" alt="Tank" /></td>
</tr>
<tr>
<td>P</td>
<td>Passenger - This endorsement is required for the operation of any vehicle used for transportation of sixteen or more occupants, including the driver.</td>
<td><img src="passenger.png" alt="Passenger" /></td>
</tr>
<tr>
<td>S</td>
<td>School Bus - This endorsement is required for the operation of a school bus. School bus means a CMV used to transport pre-primary, primary, or secondary school students from home to school, from school to home, or to and from school sponsored events. School bus does not include a bus used as common carrier (49 CFR 383.5).</td>
<td><img src="school_bus.png" alt="School Bus" /></td>
</tr>
<tr>
<td>T</td>
<td>Doubles/Triples - This endorsement is required for the operation of any vehicle that would be referred to as a double or triple.</td>
<td><img src="doubles_triples.png" alt="Doubles/Triples" /></td>
</tr>
<tr>
<td>H</td>
<td>Hazardous Material - This endorsement is required for the operation of any vehicle transporting hazardous materials requiring placarding, as defined by U.S. Department of Transportation regulations.</td>
<td><img src="hazardous_material.png" alt="Hazardous Material" /></td>
</tr>
<tr>
<td>X</td>
<td>Combined Tank/HAZ-MAT - This endorsement may be issued to any driver who qualifies for both the N and H endorsements.</td>
<td><img src="combined_tank_hazmat.png" alt="Combined Tank/HAZ-MAT" /></td>
</tr>
<tr>
<td>L</td>
<td>Motorcycles - Including Mopeds/Motorized Bicycles.</td>
<td><img src="motorcycles.png" alt="Motorcycles" /></td>
</tr>
<tr>
<td>O</td>
<td>Other Jurisdiction Specific Endorsement(s) – This code indicates one or more additional jurisdiction assigned endorsements.</td>
<td>Emergency Vehicle (LA) Class A Farm Vehicle (OR) Tow Truck (NY)</td>
</tr>
</tbody>
</table>

A license may have multiple endorsement codes to document a driver with multiple endorsements, i.e. a license may show endorsements "P S T X" if the person had been granted all the endorsements covered by federal regulations (note, "H" and "N" are covered by "X").

The federal regulation 49 CFR 383.153 requires endorsement(s) for which the driver has qualified, if any, be included on the license. This applies to codes "N", "P", "S", "T", "H" and "X".

**DDLEND**

Logical Format (Type/Max Length): AN/1
The date after which a driver license is no longer valid.

**DDLEXP**

credentialExpirationDate  type: string-date

**A.11.10 Driver License Hazmat Endorsement Expiration Date**

The date the Hazardous Material endorsement(s) on a driver’s license expire.

**DDLHED**

driverLicenseHazMatEndorsementExpDate  type: string-date

**A.11.11 Driver License Issuing Country Code**

An identifier of the country in which an identity document was issued.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>USA</td>
<td>United States of America.</td>
</tr>
<tr>
<td>CAN</td>
<td>Canada</td>
</tr>
</tbody>
</table>

**DDLICC**

countryCode  type: string-code

**A.11.12 Driver License Issuance Type Code**

A code denoting the type of driver license that an individual has been issued.

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AMD</td>
<td>Amended License</td>
</tr>
<tr>
<td>DUP</td>
<td>Duplicate License</td>
</tr>
<tr>
<td>ORI</td>
<td>Original License</td>
</tr>
<tr>
<td>REN</td>
<td>Renewal</td>
</tr>
<tr>
<td>RPL</td>
<td>Replacement of lost or stolen card</td>
</tr>
<tr>
<td>TMP</td>
<td>Temporary License</td>
</tr>
</tbody>
</table>

**DDLIX**

typeCode  type: string-code

**A.11.13 Driver License Limited Term Indictor**

An indication if a drivers’ license or identification card is classified by DHS regulations as a temporary or limited-term document, i.e. the expiration date of the card is limited to the duration of an aliens legal stay in the U.S.

Source of Definition: D20 /79; AAMVA Data Dictionary/94 #15
Source of Data: Calculated by department at the time the license is issued.

Source of Definition: 49 CFR 1572; MVA
Source of Data: Motor Vehicle Agency

Logical Format (Type/Max Length): Date

Source of Data: Document Issuer.
Synonyms: Nation Code.

Logical Format (Type/Max Length): A/3

Source of Definition: D20 /79
Source of Data: Driver license application
Synonym: License Status

Logical Format (Type/Max Length): AN/3

Source of Data: Document Issuer.
<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Not a Limited Term</td>
</tr>
<tr>
<td>1</td>
<td>Limited Term</td>
</tr>
</tbody>
</table>

**DDLLTI**

`limitedTermCode` type: string-code

**Logical Format (Type/Max Length):** N/1

**A.11.14 Driver License Number**

The driver license number provides a single unique index or key useful within a jurisdiction to locate a driver.

*Usage Note:* When printed on a card or document, the number may be sub-divided by space and/or hyphen separators. When held in electronic form the separators are omitted.

*Usage Note:* DPPA rule 18 USC § 2725 identifies this element as personal information that a Motor Vehicle Agency must keep secure.

**DDRNUM**

`dln` type: string

**Logical Format (Type/Max Length):** AN/25

**A.11.15 Driver License Original Issue Date**

The date when an individual was first licensed.

**DDLOID**

`originalIssueDate` type: string-date

**Logical Format (Type/Max Length):** Date

**A.11.16 Driver License Privilege Type W/D Action Pending**

If set to yes, this flag indicates that the current licensing jurisdiction has an action pending, that if carried to completion will cause a withdrawal of a specified driver privilege type (i.e., Base or Commercial)

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>true</td>
<td>Yes (action pending)</td>
</tr>
<tr>
<td>false</td>
<td>No (no action pending)</td>
</tr>
</tbody>
</table>

**DDLDWP**

`isDriverLicenseWithdrawalPending` type: boolean

**Logical Format (Type/Max Length):** AN/5

**A.11.17 State Document REAL-ID Conformant**

An indication if a state issued document follows REAL-ID rules.

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Conformant with REAL ID rules</td>
</tr>
<tr>
<td>2</td>
<td>State custom rules</td>
</tr>
</tbody>
</table>

**Source of Definition:** DHS-REAL ID Act; DL/ID Card Standard; S2S w/g

**Synonym:** REAL ID Compliant
BJDRIC

realidConformantCode   type: string-code

A.11.18  Driver License Commercial Status

The current status of an individual’s commercial privilege type.

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>LIC</td>
<td>Licensed</td>
</tr>
<tr>
<td>ELG</td>
<td>Eligible</td>
</tr>
<tr>
<td>NOT</td>
<td>Not Eligible</td>
</tr>
<tr>
<td>NEN</td>
<td>Not Eligible due to non-ACD (Used from 10/1/2005 to 12/31/2007)</td>
</tr>
<tr>
<td>RPD</td>
<td>Reported Deceased</td>
</tr>
</tbody>
</table>

**Status** | **Usage of Status**
--- | ---
Licensed | The individual has a current valid license with all their driving privileges intact. This status is only used within the jurisdiction that issued the current license.

Eligible | The individual does not have a current valid license and has nothing on record that would prevent issuance. This includes an individual who:
- has moved out of a state and the jurisdiction cancels the license
- has met the requirements to allow restoration of driving privileges following a suspension or revocation
- has never held a license
- possesses a learner’s permit
- has had a parent approve reinstatement of privileges revocation
- has reached 18 after a parent withdrew privileges
- has had a court lift the suspensions
- voluntarily surrendered their license
- is within the renewal grace period after a license expired
- needs to take a test before obtaining a license (for a new driver and for an expired license)

Not Eligible | The individual does not have a current valid license and has an adverse action on record that prevents issuance of a commercial license and may prevent the issuance of a base license. These conditions include:
- suspended for minor offenses with outstanding restoration requirements
- revoked indefinitely
- habitual offender
- medical condition
- unsatisfied judgment
- revoked for major offenses with outstanding restoration requirements
- parent revokes privileges of driver under 18
- seizure of license by law enforcement
• default in payment
• insurance cancellation
• misrepresentation (clearance letter needed)
• driving privileges lost due to conviction even though the individual has never held a license
• administrative per se action
• within disqualification period
• inability to pass test (i.e. for the period after a failed test when the test cannot be retaken).

Not Eligible due to non-ACD
(In use from 10/1/2005 to 12/31/2007).
The individual has been withdrawn in a specific jurisdiction for an offense that is not federally mandated or related to traffic safety and therefore does not have an ACD conviction code. Because it is a withdrawal for an offense specific to a jurisdiction, other jurisdictions may issue a new license to the individual if their rules permit.

Reported Deceased
The individual has been reported deceased.

DDLCTS

| driverLicenseCommercialStatusCode | type: string-code |

A.11.19 Driver License Non-Commercial Status

The current status of an individual’s non-Commercial (Base) privilege type.

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>LIC</td>
<td>Licensed</td>
</tr>
<tr>
<td>ELG</td>
<td>Eligible</td>
</tr>
<tr>
<td>NOT</td>
<td>Not Eligible</td>
</tr>
<tr>
<td>NEN</td>
<td>Not Eligible due to non-ACD (Used from 10/1/2005 to 12/31/2007)</td>
</tr>
<tr>
<td>RPD</td>
<td>Reported Deceased</td>
</tr>
</tbody>
</table>

Status

<table>
<thead>
<tr>
<th>Status</th>
<th>Usage of Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Licensed</td>
<td>The individual has a current valid license with all their driving privileges intact. This status is only used within the jurisdiction that issued the current license.</td>
</tr>
</tbody>
</table>
| Eligible | The individual does not have a current valid license and has nothing on record that would prevent issuance. This includes an individual who:  
• has moved out of a state and the jurisdiction cancels the license  
• has met the requirements to allow restoration of driving privileges following a suspension or revocation  
• has never held a license  
• possesses a learner's permit  
• has had a parent approve reinstatement of privileges revocation  
• has reached 18 after a parent withdrew privileges  
• has had a court lift the suspensions  
• voluntarily surrendered their license  
• is within the renewal grace period after a license expired  
• needs to take a test before obtaining a license (for a new driver and for an expired license) |

Logical Format (Type/Max Length): AN/3

Source of Definition: DHR/90; AAMVA Data Dictionary/94 #16
Source of Data: Motor Vehicle Agency; Departmental files
Not Eligible

The individual does not have a current valid license and has an adverse action on record that prevents issuance of a commercial license and may prevent the issuance of a base license. These conditions include:

- suspended for minor offenses with outstanding restoration requirements
- revoked indefinitely
- habitual offender
- medical condition
- unsatisfied judgment
- revoked for major offenses with outstanding restoration requirements
- parent revokes privileges of driver under 18
- seizure of license by law enforcement
- default in payment
- insurance cancellation
- misrepresentation (clearance letter needed)
- driving privileges lost due to conviction even though the individual has never held a license
- administrative per se action
- within disqualification period
- inability to pass test (i.e., for the period after a failed test when the test cannot be retaken).

Not Eligible due to non-ACD

(In use from 10/1/2005 to 12/31/2007).

The individual has been withdrawn in a specific jurisdiction for an offense that is not federally mandated or related to traffic safety and therefore does not have an ACD conviction code. Because it is a withdrawal for an offense specific to a jurisdiction, other jurisdictions may issue a new license to the individual if their rules permit.

Reported Deceased

The individual has been reported deceased.

DDLNTS
driverLicenseNonCommercialStatusCode type: string-code

A.11.20 Driver License Issue Date

The date when a driver license was issued or renewed.

Source of Definition: D20 /79; AAMVA Data Dictionary/94 #14

Source of Data: Departmental records; driver license

DDLISS
credentialIssueDate type: string-date

A.11.21 Driver License Privilege Type Status

The current status of an individual's specified privilege type (i.e., Base or Commercial privilege type).

Value | Description | Source of Definition: MVA
--- | --- | Source of Data: Licensing agency.
LIC | Licensed |
ELG | Eligible |
NOT | Not Eligible |
NEN | Not Eligible due to non-ACD (Used from 10/1/2005 to 12/31/2007) |
### RPD  Reported Deceased

<table>
<thead>
<tr>
<th>Status</th>
<th>Usage of Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Licensed</td>
<td>The individual has a current valid license with all their driving privileges intact. This status is only used within the jurisdiction that issued the current license.</td>
</tr>
<tr>
<td>Eligible</td>
<td>The individual does not have a current valid license and has nothing on record that would prevent issuance. This includes an individual who:</td>
</tr>
</tbody>
</table>
|                      | - has moved out of a state and the jurisdiction cancels the license  
|                      | - has met the requirements to allow restoration of driving privileges following a suspension or revocation  
|                      | - has never held a license  
|                      | - possesses a learner's permit  
|                      | - has a parent approve reinstatement of privileges revocation  
|                      | - has reached 18 after a parent withdrew privileges  
|                      | - has had a court lift the suspensions  
|                      | - voluntarily surrendered their license  
|                      | - is within the renewal grace period after a license expired  
|                      | - needs to take a test before obtaining a license (for a new driver and for an expired license)                                                                                                    |
| Not Eligible         | The individual does not have a current valid license and has an adverse action on record that prevents issuance of a commercial license and may prevent the issuance of a base license. These conditions include:       |
|                      | - suspended for minor offenses with outstanding restoration requirements  
|                      | - revoked indefinitely  
|                      | - habitual offender  
|                      | - medical condition  
|                      | - unsatisfied judgment  
|                      | - revoked for major offenses with outstanding restoration requirements  
|                      | - parent revokes privileges of driver under 18  
|                      | - seizure of license by law enforcement  
|                      | - default in payment  
|                      | - insurance cancellation  
|                      | - misrepresentation (clearance letter needed)  
|                      | - driving privileges lost due to conviction even though the individual has never held a license  
|                      | - administrative per se action  
|                      | - within disqualification period  
|                      | - inability to pass test (i.e. for the period after a failed test when the test cannot be retaken)                                                                                                          |
| Not Eligible due to non-ACD | (In use from 10/1/2005 to 12/31/2007).  The individual has been withdrawn in a specific jurisdiction for an offense that is not federally mandated or related to traffic safety and therefore does not have an ACD conviction code. Because it is a withdrawal for an offense specific to a jurisdiction, other jurisdictions may issue a new license to the individual if their rules permit. |
| Reported Deceased    | The individual has been reported deceased.                                                                                                                                                                      |
A.11.22  Driver License Probation Start Date

The date that a probationary status was imposed on an individual’s driver license.

**DDLPSD**

`probationStartDate`  type: string-date

Source of Definition: D20/79.
Source of Data: Driver improvement analyst’s report or other departmental records.
Logical Format (Type/Max Length): Date Beginning Date.

A.11.23  Driver License Probation Termination Date

The date that the individual driver is no longer under a probationary license.

**DDLPTD**

`probationEndDate`  type: string-date

Source of Definition: D20/79.
Source of Data: Driver improvement analyst’s report of interview.

Logical Format (Type/Max Length): Date

A.11.24  Driver License REAL-ID Compliance Code

An indication of the degree to which a driver license or ID Card is compliant with the REAL ID Act.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>F</td>
<td>Fully Compliant</td>
</tr>
<tr>
<td>M</td>
<td>Materially Compliant</td>
</tr>
<tr>
<td>N</td>
<td>Non-compliant</td>
</tr>
</tbody>
</table>

**DDLRIC**

`realidComplianceCode`  type: string-code

Source of Data: Licensing agency.

Logical Format (Type/Max Length): A/1

A.11.25  Driver SPE Effective Date

The start date of the most recent variance of a medical certificate, due to a Skills Performance Evaluation.

**DDLSSD**

`skillsPerfEvalEffectiveDate`  type: string-date

Source of Definition: FMCSA; 49 CFR 390.3
Source of Data: A variance issued by FMCSA.

Logical Format (Type/Max Length): Date

A.11.26  Driver SPE Expiration Date

The expiration date of the most recent variance of a medical certificate, due to a Skills Performance Evaluation.

**DDLSED**

`skillsPerfEvalExpirationDate`  type: string-date

Source of Definition: FMCSA; 49 CFR 390.3
Source of Data: A variance issued by FMCSA.

Logical Format (Type/Max Length): Date
A.11.27  Driver License Suspension Termination Date

The date on which a license suspension will terminate.

DDL020

 suspensionEndDate type: string-date

---

A.11.28  Driver Waiver/Exempt Effective Date

The start date of the most recent variance of a medical certificate, due to a waiver or exemption.

DDLWSD

 exemptEffectiveDate type: string-date

---

A.11.29  Driver Waiver/Exempt Expiration Date

The expiration date of the most recent variance of a medical certificate, due to a waiver or exemption.

DDLWED

 exemptExpirationDate type: string-date

---

A.11.30  State Document Type

The type of state document issued by a jurisdiction to an individual.

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Driver License</td>
</tr>
<tr>
<td>2</td>
<td>Permit for Base Driver License</td>
</tr>
<tr>
<td>3</td>
<td>State Identification Card</td>
</tr>
<tr>
<td>8</td>
<td>No document</td>
</tr>
<tr>
<td>9</td>
<td>Unknown</td>
</tr>
</tbody>
</table>

BJDTYP

cardTypeCode type: string-code

---

A.12  DRIVER LICENSE REVIEW

A review of a person's driving privileges, with or without the license holder present. The review is sometimes referred to as a Departmental Hearing.

A.12.1  Departmental Hearing City/Place

An identifier of the place where a departmental hearing is scheduled to take place.
A.12.2 Departmental Hearing Date

The date that a departmental hearing is scheduled to take place.

Directory: D20 /79.
Source of Data: Departmental records.

A.12.3 Departmental Hearing Status

A code indicating the results of a departmental hearing.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCH</td>
<td>Hearing Scheduled</td>
</tr>
<tr>
<td>HEL</td>
<td>Hearing Held</td>
</tr>
<tr>
<td>DIS</td>
<td>Dismissed</td>
</tr>
<tr>
<td>SUS</td>
<td>License Suspended</td>
</tr>
<tr>
<td>REV</td>
<td>License Revoked</td>
</tr>
<tr>
<td>OTH</td>
<td>Other</td>
</tr>
</tbody>
</table>

Source of Definition: D20 /79.
Source of Data: Departmental hearing officer’s report.

A.12.4 Group Interview City/Place

An identifier of the location in which a person is scheduled to attend a group interview.

Source of Definition: D20 /79.
Source of Data: Departmental records.

A.12.5 Group Interview Date

The date on which a person is scheduled to attend a group interview.

Source of Definition: D20 /79.
Source of Element: Departmental records.

A.12.6 Group Interview Status

A code indicating whether a person has attended or is going to attend a group interview.

Source of Definition: D20 /79.
Source of Data: Departmental records.
Appendix A: Data Dictionary

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>S</td>
<td>Interview Scheduled</td>
</tr>
<tr>
<td>C</td>
<td>Interview completed</td>
</tr>
<tr>
<td>N</td>
<td>Did not appear</td>
</tr>
</tbody>
</table>

**DDH012**

groupInterviewStatusCode  type: string-code

**A.12.7 Personal Interview City/Place**

The location at which a person is scheduled to attend a personal interview.

**DDH020**

personalInterviewLocation  type: string

**A.12.8 Personal Interview Date**

The date on which a person is scheduled to attend a personal interview.

**DDH021**

personalInterviewDate  type: string-date

**A.12.9 Personal Interview Status**

A code indicating whether a person has attended or is scheduled to attend a personal interview.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>S</td>
<td>Interview Scheduled</td>
</tr>
<tr>
<td>C</td>
<td>Interview Completed</td>
</tr>
<tr>
<td>N</td>
<td>Did Not Appear</td>
</tr>
</tbody>
</table>

**DDH022**

personalInterviewStatusCode  type: string-code

**A.13 DRIVER PERMIT**

A driver's permit, learner's permit, learner's license or provisional license, is a restricted license that is given to a person who is learning to drive, or learning special driving skills. A permit is used by jurisdictions to grant a person driving privilege(s) under supervision of another person licensed for said privilege(s). A permit may be used for an entire privilege type, some classification within a privilege type, an endorsement, or some combination of these.

So a jurisdiction may issue an individual:

- No license or permit,
- A base learners permit (and no license),
- A license and no permits, OR
- A license and one or more permits for additional privileges.
A.13.1  Driver License Permit Endorsement Code

An endorsement on a driver license permit that grants the operation of specified types of vehicles or the operation of vehicles carrying specified loads, subject to the supervision of a person licensed for such endorsement (i.e., the endorsement is under permit). Endorsements will be specific to classifications of a permit.

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>P</td>
<td>Passenger - This endorsement is required for the operation of any vehicle used for transportation of sixteen or more occupants, including the driver.</td>
</tr>
<tr>
<td>N</td>
<td>Tank - This endorsement is required for the operation of any tank vehicle, as defined in 49 CFR 383.5.</td>
</tr>
<tr>
<td>S</td>
<td>School Bus - This endorsement is required for the operation of a school bus. School bus means a CMV used to transport pre-primary, primary, or secondary school students from home to school, from school to home, or to and from school sponsored events. School bus does not include a bus used as common carrier (49 CFR 383.5).</td>
</tr>
<tr>
<td>T</td>
<td>Doubles/Triples - This endorsement is required for the operation of any vehicle that would be referred to as a double or triple. (This code is being deprecated).</td>
</tr>
<tr>
<td>L</td>
<td>Motorcycles - Including Mopeds/Motorized Bicycles. (This code is being deprecated).</td>
</tr>
<tr>
<td>O</td>
<td>Other Jurisdiction Specific Endorsement(s) – This code indicates one or more additional jurisdiction assigned endorsements. (This code is being deprecated).</td>
</tr>
</tbody>
</table>

Individual applications specify when the codes being deprecated will be retired from their application.

DDLENP

endorsements . value  type: string-code

A.13.2  Driver License Permit Expiration Date

The date after which a driver permit is no longer valid.

DDLPED

expirationDate  type: string-date

A.13.3  Driver License Permit Issue Date

The date when a driver permit was issued / renewed.

DDLPID

issueDate  type: string-date

A.13.4  Driver License Permit Restriction Code

A restriction applicable to a classification which is under permit.

Source of Definition: MVAs
Source of Data: Entered on driver license application by license examiner.
### Appendix A: Data Dictionary

#### Value | Description
--- | ---
B | Corrective lenses must be worn
C | Mechanical Aid (special brakes, hand controls, or other adaptive devices)
D | Prosthetic Aid
F | Outside Mirror
G | Limit to Daylight Only
H | Limited to Employment
I | Limited - other
J | Other
K | Intrastate Only
L | No Air Brakes Equipped CMV
M | No Class A Passenger Vehicle
N | No Class A and Class B Passenger Vehicle
P | No Passengers in CMV Bus
T | Breath Alcohol Ignition Interlock Device
V | Medical Variance
W | Farm Waiver
X | No Cargo in CMV Tank Vehicle

**DDLPCE**

permits[] . restrictions[] . code  
*Logical Format (Type/Max Length): AN/1*

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DDLPCE</td>
<td></td>
</tr>
</tbody>
</table>

**A.13.5 Driver License Permit Restriction End Date**

The date when a special restriction applicable to a permit will end.

*Source of Definition: MVAs*

*Source of Data: Licensing jurisdiction.*

**DDLPDE**

permits[] . restrictions[] . enddate  
*Logical Format (Type/Max Length): Date*

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DDLPDE</td>
<td></td>
</tr>
</tbody>
</table>

**A.13.6 Driver Permit Commercial Class Code**

The type of commercial or non-commercial vehicle that a licensed driver has been examined on and approved to operate subject to a permit. This field represents the highest level classification for a particular driver privilege type (i.e., commercial vs. non-commercial).

*Source of Definition: FMCSA code 49 part 383.91; AAMVA Data Dictionary/94 #28*

*Source of Data: Driver permit application*

*Synonyms: Classified permit; CLP Class*

FOR COMMERCIAL DRIVER LICENSES, the following codes are used:

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Class &quot;A&quot; vehicles [49 CFR 383.91(a)(1)]</td>
</tr>
<tr>
<td>B</td>
<td>Class &quot;B&quot; vehicles [49 CFR 383.91(a)(2)]</td>
</tr>
<tr>
<td>C</td>
<td>Class &quot;C&quot; vehicles [49 CFR 383.91(a)(3)]</td>
</tr>
<tr>
<td>M</td>
<td>Class &quot;M&quot; vehicles - Motorcycles, Mopeds, Motor-driven Cycles (class M is being retired as a Commercial Class).</td>
</tr>
</tbody>
</table>

See **Commercial Class Definition** (on page 23) for the detailed definition and examples of the commercial class codes.

Usage Note: When not present, this is an indication that the driver never held a license or the information is no longer available.

**DDLPCL**

classificationExtendedCode  
*Logical Format (Type/Max Length): AN/1*

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DDLPCL</td>
<td></td>
</tr>
</tbody>
</table>

**A.13.7 Driver License Permit Restriction Explanation**
Freeform text to describe the nature of a restriction applicable to a specific permit.

**DDLPRX**

permits[].restrictions[].description
type: string

## A.13.8  Driver License Permit Status

The current status of an individual’s driver permit.

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>LIC</td>
<td>Licensed</td>
</tr>
<tr>
<td>ELG</td>
<td>Eligible</td>
</tr>
<tr>
<td>NOT</td>
<td>Not Eligible</td>
</tr>
<tr>
<td>NEN</td>
<td>Not Eligible due to non-ACD (Used from 10/1/2005 to 12/31/2007)</td>
</tr>
<tr>
<td>RPD</td>
<td>Reported Deceased</td>
</tr>
</tbody>
</table>

### Usage of Status

<table>
<thead>
<tr>
<th>Status</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Licensed</td>
<td>The individual has a current valid license with all their driving privileges intact. This status is only used within the jurisdiction that issued the current license.</td>
</tr>
</tbody>
</table>
| Eligible | The individual does not have a current valid license and has nothing on record that would prevent issuance. This includes an individual who:  
  • has moved out of a state and the jurisdiction cancels the license  
  • has met the requirements to allow restoration of driving privileges following a suspension or revocation  
  • has never held a license  
  • possesses a learner's permit  
  • has had a parent approve reinstatement of privileges revocation  
  • has reached 18 after a parent withdrew privileges  
  • has had a court lift the suspensions  
  • voluntarily surrendered their license  
  • is within the renewal grace period after a license expired  
  • needs to take a test before obtaining a license (for a new driver and for an expired license) |
| Not Eligible | The individual does not have a current valid license and has an adverse action on record that prevents issuance of a commercial license and may prevent the issuance of a base license. These conditions include:  
  • suspended for minor offenses with outstanding restoration requirements  
  • revoked indefinitely  
  • habitual offender  
  • medical condition  
  • unsatisfied judgment  
  • revoked for major offenses with outstanding restoration requirements  
  • parent revokes privileges of driver under 18  
  • seizure of license by law enforcement  
  • default in payment |
Appendix A: Data Dictionary

### A.14 DRIVER RESTRICTION

A restriction on a person's driving privileges, imposes limits on the driver, the time of day, or the vehicle that can be used. A restriction may be required by federal or state regulations.

#### A.14.1 Driver License Restriction Code

A restriction applicable to a driver license.

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>B</td>
<td>Corrective lenses must be worn</td>
<td>K</td>
<td>Intrastate Only</td>
</tr>
<tr>
<td>C</td>
<td>Mechanical Aid (special brakes, hand controls, or other adaptive devices)</td>
<td>L</td>
<td>No Air Brakes Equipped CMV</td>
</tr>
<tr>
<td>D</td>
<td>Prosthetic Aid</td>
<td>M</td>
<td>No Class A Passenger Vehicle</td>
</tr>
<tr>
<td>E</td>
<td>No Manual Transmission equipped CMV</td>
<td>N</td>
<td>No Class A and Class B Passenger Vehicle</td>
</tr>
<tr>
<td>F</td>
<td>Outside Mirror</td>
<td>O</td>
<td>No Tractor-Trailer CMV</td>
</tr>
<tr>
<td>G</td>
<td>Limit to Daylight Only</td>
<td>T</td>
<td>Breath Alcohol Ignition Interlock Device</td>
</tr>
<tr>
<td>H</td>
<td>Limited to Employment</td>
<td>V</td>
<td>Medical Variance</td>
</tr>
<tr>
<td>I</td>
<td>Limited - other</td>
<td>W</td>
<td>Farm Waiver</td>
</tr>
<tr>
<td>J</td>
<td>Other</td>
<td>Z</td>
<td>No Full Air Brake equipped CMV</td>
</tr>
</tbody>
</table>

Usage Note: The value 'other' is used to indicate other jurisdiction defined restrictions apply. When used, the restriction explanation is used to describe these additional restrictions.

Federal Regulation 49 CFR 383.153, specifies codes E, K, M, N, O, L, V, Z but allows the other D20 code values.
A.14.2  Driver License Restriction End Date

The date when a special restriction applicable to a driver license will end.

**DDLRSD**

driverLicenseRestrictions[].endDate type:string-date

**A.14.3  Driver License Restriction Explanation**

Freeform text to describe the nature of a restriction applicable to a complete driver license.

**DDL**

RSE

driverLicenseRestrictions[].description type:

string

**A.15  DRIVER LICENSE WITHDRAWAL**

A Withdrawal Action for a driver which withdraws all or some portion of that driver’s driving privileges. If the withdrawal action is taken by the home jurisdiction, the driver control record is affected (DLC Withdrawal). If not, the withdrawal is specific to operating privileges within the withdrawing jurisdiction (Non-DLC Withdrawal).

Usage Note: AAMVA applications require MVAs to be able to exchange Driver History Records (DHR). Many of the elements described in this section are part of the DHR. See the description of the Driver Control Record (on page 24) for details.

The Withdrawal Jurisdiction Court Report ID is the primary identifier of a withdrawal within a jurisdiction. Combinations of other elements and relationships may also be used to identify a withdrawal.

**Withdrawal Basis**

Withdrawal of driving privileges may be triggered by:

- Information transmitted from an in-state court to the MVA:
  - Court Conviction - Convictions for in-state offenses.
  - Court Order or Request - A court or judge may issue an order for cases where no conviction is issued.
  - Court Recommended - A court may issue a recommendation for cases where a judge did not sign a court order.

- Reciprocity of Out of State Convictions - A jurisdiction may have agreements (e.g. NRVC, DLC or DLA) to apply penalties of convictions adjudicated in other states.

- A process which reviews prior offenses to determine if the accumulation of offenses merits a withdrawal:
  - Point system - Some jurisdictions use penalty point systems and when a driver accumulates a certain number of points their driving privileges are withdrawn.
  - Repeated Violations - Other jurisdictions keep records of violations and use these records to determine if driving privileges should be withdrawn.

- Administrative reviews by State or Federal Jurisdictions of incidents:
  - Administrative Action - An administrative determination that a person has violated laws relating to the operation of a motor vehicle or that a person is not capable of safely operating a motor vehicle. These actions generally are not statutorily mandated but are discretionary with the agency.
  - Administrative Per Se - Administrative Action taken for driving under the influence of alcohol or drugs.
Administrative Adjudication - An order for a withdrawal is issued after the proceedings to resolve contested claims in conformity with the Administrative Procedure process.

### A.15.1 Driver License ACD Withdrawal Reason Code

The reason for the withdrawal of a driver license and/or driving privilege.


**DWDWRS**

| acdCode | type: string-code |

### A.15.2 Driver License Withdrawal Basis

The basis for the withdrawal action for a driver.

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Unknown</td>
</tr>
<tr>
<td>1</td>
<td>Conviction</td>
</tr>
<tr>
<td>2</td>
<td>Administrative Adjudication</td>
</tr>
<tr>
<td>3</td>
<td>Administrative Action</td>
</tr>
<tr>
<td>4</td>
<td>Repeated Violations</td>
</tr>
<tr>
<td>5</td>
<td>Withdrawal resulting from point system</td>
</tr>
<tr>
<td>6</td>
<td>Court ordered or requested</td>
</tr>
<tr>
<td>7</td>
<td>Court recommended</td>
</tr>
<tr>
<td>8</td>
<td>NRVC Action or Reciprocity</td>
</tr>
<tr>
<td>9</td>
<td>Administrative Per Se</td>
</tr>
</tbody>
</table>

**DWDWBS**

| basisCode | type: string-code |

### A.15.3 Driver License Withdrawal Due Process Status

The due process status for a withdrawal action.

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Not defined</td>
</tr>
<tr>
<td>1</td>
<td>Hearing held; action confirmed</td>
</tr>
<tr>
<td>2</td>
<td>Hearing offered but not requested</td>
</tr>
<tr>
<td>3</td>
<td>Hearing requested; not yet held</td>
</tr>
<tr>
<td>4</td>
<td>Department action appealed to court</td>
</tr>
<tr>
<td>5</td>
<td>Hearing not applicable</td>
</tr>
</tbody>
</table>

**DWDWPS**

| dueProcessStatusCode | type: string-code |

### A.15.4 Driver License Withdrawal Effective Date

Source of Definition: D20/79, DHR/90; AAMVA Data Dictionary/94 #60

Source of Data: Motor Vehicle Agency; Departmental records

Source of Definition: MVA

Source of Data: Departmental records

Logical Format (Type/Max Length): AN/3

Logical Format (Type/Max Length): AN/1
The date on which a driver license withdrawal becomes effective.

**A.15.5 Driver License Withdrawal Eligibility Date**

The date on or after which a driver is eligible to apply for reinstatement of those driving privileges withdrawn.

*Usage Note:* If there is not an actual date, the eligibility code indicates if the state is permanent or indefinite.

**A.15.6 Driver License Withdrawal Extent ID**

This field identifies a particular withdrawal extent. A withdrawal extent identifies the portion of driving privileges being withdrawn.

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Commercial</td>
</tr>
<tr>
<td>2</td>
<td>Permit</td>
</tr>
<tr>
<td>3</td>
<td>All</td>
</tr>
<tr>
<td>4</td>
<td>Non-CDL</td>
</tr>
</tbody>
</table>

**A.15.7 Driver License Withdrawal Jurisdiction Report ID**

The Jurisdiction of Withdrawal’s unique identifier for the withdrawal of the driver that the Jurisdiction of Withdrawal uses to access its report of the withdrawal. The identifier may be a reference to a record in a file, a database or a microfilm. It is sometimes referred to as the "Driver License Withdrawal Locator Reference".

**A.15.8 Driver License Withdrawal Period**

A period of time for which a driver license or licensing privilege has been withdrawn.

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1nnn</td>
<td>Number of days where nnn indicates number of days</td>
</tr>
<tr>
<td>2nnn</td>
<td>Number of months where nnn indicates number of months</td>
</tr>
</tbody>
</table>
### A.15.9 Driver License Withdrawal Reason Reference

A native state code that specifies a withdrawal reason for future reference by the original State of record.

**DWDWRR**

- **reasonReferenceCode**: type: string-code

### A.15.10 Driver License Withdrawal Reinstatement Date

The date that the licensing privilege of a driver (which has been previously withdrawn) is reinstated.

**DWDWDR**

- **reinstatementDate**: type: string-date

### A.15.11 Driver License Withdrawal Type

The type of driver license withdrawal action that was taken.

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Revoked</td>
</tr>
<tr>
<td>2</td>
<td>Barred</td>
</tr>
<tr>
<td>3</td>
<td>Suspended</td>
</tr>
<tr>
<td>4</td>
<td>Canceled</td>
</tr>
<tr>
<td>5</td>
<td>Denied</td>
</tr>
<tr>
<td>6</td>
<td>Disqualified</td>
</tr>
<tr>
<td>7</td>
<td>Other Withdrawal</td>
</tr>
</tbody>
</table>

**DWDWTP**

- **actionCode**: type: string-code

### Lost Driving Privileges

A driver who has lost their driving privileges cannot legally operate a motor vehicle on a public road. Lost driving privileges can be classified as:
A driver’s license is terminated without prejudice. Cancelation of license may be made only when specifically authorized by regulations. It can apply when:

- application is made for a license to operate vehicles of a higher class,
- a license expires,
- a license has been issued through error or
- a license is voluntarily surrendered to the department.

Any person whose license has been canceled may immediately apply for a license.

The DMV and/or courts have decided that a driver is a “Habitual Offender” due to many legal violations involving a motor vehicle, including Driving While Suspended, Revoked or Barred. A barred driver has the right to a hearing and will probably need an attorney to help with the hearing.

A restraint action when no valid license exists at the time of the restraint.

A disqualification of commercial driving privileges is a loss of only commercial driving privileges as defined in 49 CFR 383.5. During this disqualification, if the driver is not otherwise suspended or revoked, he or she can continue to drive private (non-commercial) motor vehicles without obtaining limited driving privileges.

A license expired and has not been renewed.

A license which has been fully canceled and cannot be reinstated.

In order to get a license again, a driver will have to request approval from their state’s DMV, pay any driver civil penalties owed, and go through the state’s licensing process, which typically involves a written test and a road test (and of course is not free). If the tests are passed, a new driver’s license will be issued (the old one will not be reinstated). Common reasons for revocations include driving without insurance, being convicted of a serious traffic offense, failing a DMV road test, or making a false statement on a driver’s license or car registration application form. It is also possible to have a driver’s license revoked or even permanently revoked due to multiple driving offenses, medical conditions, and age.

A person voluntarily gave up their driving privileges.

A license is temporarily out of service. A suspended licenses can be sub-classified as:

- Definite suspension on a license will end once the suspension period ends and the driver has paid the necessary suspension termination fees (which vary by state). Licenses can be suspended for several different reasons and offenses vary by state, but a few common reasons for definite suspensions are alcohol or drug related moving violations, driving without liability insurance, or receiving too many traffic tickets.

Indefinite suspension means that a license will remain suspended until the driver takes some action, such as paying for a traffic ticket (or child support/taxes, in some states). A license could also be indefinitely suspended under an administrative review suspension in some states if a medical condition that makes the driver a danger on the road.

Getting caught driving without a current license leads to penalties including fines and the expansion of any disqualifications. If a driver without a license is involved in a crash, a simple misdemeanor charge can escalate to a felony.

The jurisdiction that withdrew driving privileges for a driver.

See the Jurisdiction Code Values (on page 27) for the list of valid codes.
### A.16  DRIVING TEST

A knowledge or skills test needed to acquire driving privileges. Multiple tests may be needed to obtain a specific driving privilege. E.g. to obtain a commercial license the applicant may need to take Knowledge, Vehicle Inspection, Basic Control Skills and/or Road tests.

A test can have information from the scheduling of a test, details recorded during the test and assessments based on how the test transpired.

#### A.16.1  Testing Jurisdiction Code

A code of the jurisdiction in which a driving test was conducted. See the [Jurisdiction Code Values](#) (on page 27) for the list of valid codes.

- **DTEJUR**
  - **jurisdictionCode**  type: string

#### A.16.2  Schedule ID

An identifier for a Tester’s Schedule for an applicant CDL skills testing appointment in a jurisdiction.

- **DSHID**
  - **scheduleId**  type: string

#### A.16.3  Scheduled Test Site ID

An identifier for a Test Site scheduled for a portion of a CDL skills test.

- **DSHSSI**
  - **scheduleSiteId**  type: string

#### A.16.4  Scheduled Test Route Number

An identifier for a Test Route scheduled for a portion of a CDL skills test that is driven on the road.

- **DTESRN**
  - **routeNumber**  type: string

#### A.16.5  Schedule CDL Class

A code to describe the class of commercial vehicle scheduled to be used in a CDL skills test.

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
</table>
Appendix A: Data Dictionary

A.16.6 Schedule Trailer Length Code

A classification of the length of a trailer needed for a scheduled test.

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>14-25</td>
<td>14 to 25 foot</td>
</tr>
<tr>
<td>26-39</td>
<td>26 to 39 foot</td>
</tr>
<tr>
<td>40-53</td>
<td>40 to 53 foot</td>
</tr>
</tbody>
</table>

A.16.7 Schedule Brake Type Code

A classification of the brakes scheduled for a test.

Usage Note: Driver License Restrictions indicate if a driver is allowed to operate a vehicle equipped with certain types of brakes.

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
<th>Restriction on CDL</th>
</tr>
</thead>
<tbody>
<tr>
<td>AB</td>
<td>Air Brakes (No hydraulic system)</td>
<td>No restriction</td>
</tr>
<tr>
<td>AH</td>
<td>Partial Air Brakes (Air over hydraulic)</td>
<td>No full air brake equipped CMV (Z)</td>
</tr>
<tr>
<td>HB</td>
<td>No Air Brakes (Hydraulic system)</td>
<td>No air brakes equipped CMV restriction (L)</td>
</tr>
</tbody>
</table>

Usage Note: Light vehicles (cars and light trucks) mostly use hydraulic pressure, while heavy vehicles (truck and trailers) use air pressure to control their brakes. Other mechanisms are rare, so do not have a categorization at this time.

A.16.8 Schedule Vehicle With Air Brakes

An indicator to specify if the scheduled CDL skills test will use a test vehicle equipped with air brakes.

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>true</td>
<td>Yes its true</td>
</tr>
<tr>
<td>false</td>
<td>No its false</td>
</tr>
</tbody>
</table>

Logical Format (Type/Max Length): AN/1

Logical Format (Type/Max Length): AN/5

Logical Format (Type/Max Length): AN/2

Logical Format (Type/Max Length): AN/5
A.16.9  Schedule Vehicle With Automatic Transmission

A classification of the type of vehicle transmission to be used in a scheduled CDL skills test.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Automatic</td>
</tr>
<tr>
<td>M</td>
<td>Manual</td>
</tr>
</tbody>
</table>

**DSHVAT**

**scheduleAirBrakesCode**  type: string-code

**scheduleAutoTransCode**  type: string-code

A.16.10  Schedule Cancel Reason Code

A classification of the reason for canceling a scheduled test.

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>NoShow</td>
<td>Applicant did not appear for the test</td>
</tr>
<tr>
<td>Requested</td>
<td>Applicant asked for the test to be canceled</td>
</tr>
<tr>
<td>Other</td>
<td>Another reason</td>
</tr>
</tbody>
</table>

**DSHCRC**

**scheduleCancelReasonCode**  type: string-code

A.16.11  Test Date

A date an individual portion of a CDL skills test is actually administered.

**DTEDAT**

date  type: string-date

A.16.12  Test Start Time

The time an individual portion of a CDL skills test actually started. The format is HHMM.

**DTESTT**

startTime  type: string

A.16.13  Test End Time

The time an individual portion of a CDL skills test actually ended. The format is HHMM.

**DTEENT**

endTime  type: string
### A.16.14 Test Skills Segment Code

An identifier of a phase of a skills driving test.

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
<th>Source of Definition: MVA</th>
<th>Source of Data: MVA; 3rd Party Tester</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>VI - Vehicle Inspection</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>BCS - Basic Control Skills</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>RT - Road Test</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**DTESSC**

- **segmentSkillsCode** type: string-code

### A.16.15 Test CCD Number

A jurisdictions identifier of a Certification Control Document (CCD).

**DTECCD**

- **ccdID** type: string

### A.16.16 Test CCD Issue Date

A date on which a Certification Control Document was issued.

**DTEDCID**

- **ccdIssueDate** type: string-date

### A.16.17 Test Vehicle Type

The type of commercial vehicle used in a CDL skills test.

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
<th>Source of Definition: CSTIMS</th>
<th>Source of Data: Testing Agency</th>
</tr>
</thead>
<tbody>
<tr>
<td>BU</td>
<td>Coach/Transit Bus</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SB</td>
<td>School Bus</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SE</td>
<td>Semitrailer (tractor with single trailer)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ST</td>
<td>Single-unit (straight) truck</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TC</td>
<td>Combination Vehicle (Truck with multiple trailers)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**DTEVHT**

- **vehicleTypeCode** type: string-code

### A.16.18 Test Site ID

An identifier of the Test Site used during a test.

**DTESSI**

- **siteID** type: string

Logical Format (Type/Max Length): AN/1

Logical Format (Type/Max Length): AN/10

Logical Format (Type/Max Length): Date

Logical Format (Type/Max Length): AN/2

Logical Format (Type/Max Length): AN/15
### A.16.19  Test Fail Reason Code

The primary reason for an automatic failure of a portion of a CDL skills test.

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>Did not correctly perform at least 1 of the 3 parts of the air brake check</td>
</tr>
<tr>
<td>02</td>
<td>Failure to perform any basic controls maneuver in faith</td>
</tr>
<tr>
<td>03</td>
<td>Moving traffic violation or disobeyed signs and signals</td>
</tr>
<tr>
<td>04</td>
<td>Avoidable crash or incident</td>
</tr>
<tr>
<td>05</td>
<td>Dangerous action or unsafe behavior</td>
</tr>
<tr>
<td>06</td>
<td>Put vehicle over sidewalk or curb</td>
</tr>
<tr>
<td>99</td>
<td>Other</td>
</tr>
</tbody>
</table>

Additional reasons:

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>11</td>
<td>Accumulation of Errors</td>
</tr>
<tr>
<td>12</td>
<td>Failure to properly demonstrate or verbalize air system checks</td>
</tr>
<tr>
<td>13</td>
<td>Seat Belt Violation</td>
</tr>
<tr>
<td>14</td>
<td>Did not yield to pedestrians, other road users, etc.</td>
</tr>
<tr>
<td>15</td>
<td>Moving violation or disobeyed signs, signals</td>
</tr>
</tbody>
</table>

**DTEFRC**  
`segmentFailReasonCode`  
type: string-code

### A.16.20  Test Inspection Form Code

An identifier of the type of the form(s) used during the vehicle inspection segment of a skills test.

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Form A</td>
</tr>
<tr>
<td>B</td>
<td>Form B</td>
</tr>
<tr>
<td>C</td>
<td>Form C</td>
</tr>
<tr>
<td>F</td>
<td>All forms</td>
</tr>
</tbody>
</table>

**DTESFC**  
`segmentFormCode`  
type: string-code

### A.16.21  Test Form Number

A number to designate which standard form was used to record and score the results of the Basic Control Skills portion of a CDL skills test.

Different Form Numbers represent different combinations of test vehicle maneuvers and associated minimum passing scores.

Standard Form Numbers include 1, 2, and 3. Jurisdictions may assign their own additional Form Numbers with associated test vehicle maneuvers and associated minimum passing scores.

**DTEFMN**  
`formID`  
type: string

Source of Definition: CSTIMS  
Source of Data: Testing Agency  
Logical Format (Type/Max Length): AN/10
A.16.22 Test Vehicle Provider

The person or organization that provided the commercial vehicle used in a CDL skills test.

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Applicant</td>
<td>The Applicant provided the test vehicle.</td>
</tr>
<tr>
<td>Tester</td>
<td>The Tester provided the test vehicle.</td>
</tr>
</tbody>
</table>

Source of Definition: CSTIMS
Source of Data: Testing Agency

Logical Format (Type/Max Length): AN/10

DTEVHP

vehicleProviderId type: string

A.16.23 Test Vehicle Plate Number

The characters assigned to a registration plate or tag affixed to a test vehicle, assigned by the jurisdiction.

Each jurisdiction defines the patterns of the alphanumeric characters on their plates. This field normally includes numbers and letters. Some jurisdictions also allow other keyboard characters (such as a hash tag "#”). Spaces and hyphens are used as separators, they are not included in this field. Symbols (like a heart) which may appear on a plate, are not included in this field.

Usage Note: For combination trucks and trailers, the number is obtained from the power unit or tractor.

Source of Definition: D20/79
Source of Data: MVA, Crash report.
Synonyms: License Number; Trailer License Plate Number; Vehicle License Plate Number.

Logical Format (Type/Max Length): AN/10

DTEPLN

plateID type: string

A.16.24 Test Commercial Vehicle Make

The manufacture’s name for the group of commercial vehicles used in a test for a commercial driving privilege.

Example:

<table>
<thead>
<tr>
<th>Name</th>
<th>Name</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advance Mixer</td>
<td>Horizon Motor Home</td>
<td>Pace Arrow</td>
</tr>
<tr>
<td>American Motors General Bus</td>
<td>International Harvester</td>
<td>Panda Motor Home</td>
</tr>
<tr>
<td>Aristocrat Motor Home</td>
<td>Isuzu</td>
<td>Peterbilt Motors</td>
</tr>
<tr>
<td>Arrow</td>
<td>Itasca Motor Homes</td>
<td>Pontiac</td>
</tr>
<tr>
<td>Autocar</td>
<td>Ivec Trucks</td>
<td>Reo</td>
</tr>
<tr>
<td>Bounder Motor Home</td>
<td>Jayco</td>
<td>Rover</td>
</tr>
<tr>
<td>Carpenter</td>
<td>Jeep</td>
<td>Safari Motor Coaches</td>
</tr>
<tr>
<td>Caterpillar Tractor</td>
<td>Kenworth Motor Truck</td>
<td>Shasta Motor Home</td>
</tr>
<tr>
<td>Chevrolet</td>
<td>Kenworth Northwest</td>
<td>Skyline Motorized</td>
</tr>
<tr>
<td>Chrysler</td>
<td>Kia</td>
<td>Southwind Motor Home</td>
</tr>
<tr>
<td>Coachmen</td>
<td>KW Dart</td>
<td>Spartan Motors</td>
</tr>
<tr>
<td>Commander Motor Home</td>
<td>Leisuretime Motor Home</td>
<td>Starcraft</td>
</tr>
<tr>
<td>Cony Truck</td>
<td>Land Rover</td>
<td>Sterling</td>
</tr>
<tr>
<td>Country Coach Motorhome</td>
<td>Leyland</td>
<td>Steyer-Daimler-Puch</td>
</tr>
</tbody>
</table>

Source of Definition: CSTIMS
Source of Data: Testing Agency

Logical Format (Type/Max Length): AN/10

Appendix A: Data Dictionary
<table>
<thead>
<tr>
<th>vehicleMake</th>
<th>type</th>
<th>vehicleDriveUnitVinId</th>
<th>type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Daihatsu</td>
<td>Lincoln</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Diamond Reo</td>
<td>Lynn-Towtruck</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Diamond T</td>
<td>Mack Trucks</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Diplomat Motor Home</td>
<td>Massey-Ferguson</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dodge</td>
<td>Mazda</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Duplex Truck</td>
<td>Melrose Tractor Truck</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dynahoe Truck</td>
<td>Mercedes-Benz</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Eagle International</td>
<td>Mercury</td>
<td></td>
<td></td>
</tr>
<tr>
<td>El Dorado International</td>
<td>Midas International</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Emergency One</td>
<td>Mitsubishi</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Euclid</td>
<td>Mitsubishi FUSO Truck</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fiat</td>
<td>Monaco Motor Home</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fireball Trailer</td>
<td>Monarch Motor Home</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fleetwood Enterprises</td>
<td>Motor Coach Industries (MCI)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ford</td>
<td>Multition Hydraulic Truck</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Freightliner</td>
<td>Nabi</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gillig</td>
<td>Navistar</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GMC</td>
<td>New Flyer</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grumman Motor Home</td>
<td>Nissan</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gulf &amp; Western</td>
<td>Nissan Diesel Motor</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hahn Motors</td>
<td>Oldsmobile</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hayes Log Truck</td>
<td>Ontario Bus</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HINO</td>
<td>Orion Bus</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Holiday Rambler</td>
<td>Oshkosh Motor Truck</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Holmes Wrecker</td>
<td>Other</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Honda</td>
<td>Overland</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**A.16.25 Test Vehicle Drive Unit VIN**

The Vehicle Identification Number (VIN) of the drive unit portion of a commercial vehicle used in a CDL skills test.

- For the following test vehicle types, this value is the VIN of the straight vehicle:
  - Straight Truck
  - Coach/Transit Bus
  - School Bus

For the following test vehicle types, this value is the VIN of the drive unit portion of the combination vehicle:

- Tractor + Trailer
- Straight Truck + Trailer

---

**Logical Format (Type/Max Length): AN/35**

**Source of Definition:** CSTIMS

**Source of Data:** Testing Agency

---

**A.16.26 Test Vehicle Drive Unit GVWR**

---

**Logical Format (Type/Max Length): AN/17**
The Gross Vehicle Weight Rating (GVWR), in pounds, of the drive unit portion of a commercial vehicle used in a CDL skills test.

For the following test vehicle types, this value is the GVWR of the straight vehicle:
- Straight Truck
- Coach/Transit Bus
- School Bus

For the following test vehicle types, this value is the GVWR of the drive unit portion of the combination vehicle:
- Tractor + Trailer
- Straight Truck + Trailer

**DTEVDW**

| vehicleDriveUnitGvwr | type: number-integer |

**A.16.27 Test Vehicle Drive Unit Axles**

The number of axles on the drive unit portion of a commercial vehicle used in a CDL skills test. The number may be either '2' or '3'.

For the following test vehicle types, this value applies to the straight vehicle:
- Straight Truck
- Coach/Transit Bus
- School Bus

For the following test vehicle types, this value applies to the drive unit portion of the combination vehicle:
- Tractor + Trailer
- Straight Truck + Trailer

**DTEVDA**

| vehicleDriveUnitAxleQuantity | type: number-integer |

**A.16.28 Test Vehicle Trailer VIN**

The Vehicle Identification Number (VIN) of the trailer portion of a commercial vehicle used in a CDL skills test. This value is applicable only for the following test vehicle types:
- Tractor + Trailer
- Straight Truck + Trailer

**DTEVTN**

| vehicleTrailerVinID | type: string |

**A.16.29 Test Vehicle Trailer GVWR**

The Gross Vehicle Weight Rating (GVWR), in pounds, of the trailer portion of a commercial vehicle used in a CDL skills test. This value is applicable only for the following test vehicle types:
• Tractor + Trailer
• Straight Truck + Trailer

**DTEVTW**

vehicleTrailerGVWR  type: number-integer

### A.16.30 Test Vehicle Trailer Axles

The number of axles on the trailer portion of a commercial vehicle used in a CDL skills test. The number may be either '1' or '2'. This value is applicable only for the following test vehicle types:

- Tractor + Trailer
- Straight Truck + Trailer

**DTEVTA**

testVehicleTrailerAxleQuantity  type: number-integer

### A.16.31 Test Trailer Registration Serial Number

An identifier of a registration certificate for a trailer.

**DTETRN**

trailerRegistrationID  type: string

### A.16.32 Test Examiner Trained Applicant Code

An indication if the examiner conducting the test also trained the applicant.

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>true</td>
<td>Yes its true</td>
</tr>
<tr>
<td>false</td>
<td>No its false</td>
</tr>
</tbody>
</table>

**DTEETA**

examinerTrainedApplicantCode  type: string-code

### A.16.33 Test Outside CLP Dates Indicator

An indication that a test is scheduled before or after the period a commercial learner's permit was valid.

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>true</td>
<td>Yes its true</td>
</tr>
<tr>
<td>false</td>
<td>No its false</td>
</tr>
</tbody>
</table>

**DTEOCD**

outsideCLPDatesCode  type: string-code
### A.16.34 Test CLP Endorsement Conflict Indicator

An indication that a scheduled test includes endorsements that do not match the endorsements on the commercial learners' permit.

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>true</td>
<td>Yes its true</td>
</tr>
<tr>
<td>false</td>
<td>No its false</td>
</tr>
</tbody>
</table>

**Source of Definition:** MVA  
**Source of Data:** MVA; 3rd Party Tester

**DTEECI**  
clpEndorsementConflictCode type: string-code

Logical Format (Type/Max Length): AN/5

### A.16.35 Test CLP Class Conflict Indicator

An indication that a scheduled test includes a class that does not match the class on the commercial learners' permit.

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>true</td>
<td>Yes its true</td>
</tr>
<tr>
<td>false</td>
<td>No its false</td>
</tr>
</tbody>
</table>

**Source of Definition:** MVA  
**Source of Data:** MVA; 3rd Party Tester

**DTECCI**  
clpClassConflictCode type: string-code

Logical Format (Type/Max Length): AN/5

### A.16.36 Test Brake Conflict Indicator

An indication that a scheduled test includes a brake type that does not match the brakes on the commercial learners' permit.

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>true</td>
<td>Yes its true</td>
</tr>
<tr>
<td>false</td>
<td>No its false</td>
</tr>
</tbody>
</table>

**Source of Definition:** MVA  
**Source of Data:** MVA; 3rd Party Tester

**DTEBCI**  
brakeConflictCode type: string-code

Logical Format (Type/Max Length): AN/5

### A.16.37 Test Vehicle Fail Indicator

An indicator to specify if the outcome of a portion of a CDL skills test is a "Vehicle Failure". An Examiner may specify a "Vehicle Failure" if the test vehicle is deemed unsafe.

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>true</td>
<td>Yes its true</td>
</tr>
<tr>
<td>false</td>
<td>No its false</td>
</tr>
</tbody>
</table>

**Source of Definition:** MVA  
**Source of Data:** MVA; 3rd Party Tester

**DTEVFI**  
vehicleFailureCode type: string-code

Logical Format (Type/Max Length): AN/5

### A.16.38 Test Automatic Fail Indicator

**Source of Definition:** MVA  
**Source of Data:** MVA; 3rd Party Tester
D20 Data Dictionary 8.0

Appendix A: Data Dictionary

An indicator to specify if a portion (e.g. Test) of a CDL skills test is designated to be an automatic failure by the Examiner who administered the test.

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>true</td>
<td>Yes its true</td>
</tr>
<tr>
<td>false</td>
<td>No its false</td>
</tr>
</tbody>
</table>

**DTEAFI**

segmentAutomaticFailCode: type: string-code

**A.16.39 Test Passing Score**

The minimum passing score for a portion (e.g. Test) of a CDL skills test.

The minimum passing score is at least 80% of the maximum possible score. Jurisdictions may set their own higher minimum passing score criteria.

The minimum passing score may vary depending on the type of test vehicle (e.g. Tractor + Trailer) and its equipment (e.g. number of axles, type of brakes, type of transmission).

**DTEPSS**

passingScore: type: number-integer

**A.16.40 Test Passed Indicator**

An indicator to specify if the Test Score for a portion (e.g. Test) of a CDL skills test is a ‘passing’ score

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>true</td>
<td>Yes its true</td>
</tr>
<tr>
<td>false</td>
<td>No its false</td>
</tr>
</tbody>
</table>

**DTEPFI**

segmentPassCode: type: string-code

**A.16.41 Test Score**

A measure of the performance of a driver during the skills test segments, measured as:

- Correct responses in the vehicle inspection segment
- Number of errors in the basic control skills and road test segment.

**DTESCR**

segmentScoreMeasure: type: number-integer

**A.16.42 Schedule Comments**

Free-form text to provide additional information about a scheduled CDL skills test.

**DSHCOM**

Logical Format (Type/Max Length): AN/100
A.17  ENFORCEMENT ACTION

Enforcement Action describes actions taken by Law Enforcement to ensure a driver obeys traffic laws.

A.17.1  Blood Alcohol Concentration Test Date

The date on which a BAC test was administered.

**Source of Definition:** D20/79.
**Source of Data:** Crash report; BAC report.
**Synonyms:** Time; BAC Test.
**Logical Format (Type/Max Length):** Date

**DEA112**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>nn</td>
<td>Test Value</td>
</tr>
<tr>
<td>95</td>
<td>Test Refused</td>
</tr>
<tr>
<td>96</td>
<td>None Given</td>
</tr>
<tr>
<td>97</td>
<td>AC Test Performed, Results Unknown</td>
</tr>
<tr>
<td>99</td>
<td>Unknown</td>
</tr>
</tbody>
</table>

**Example:** BAC of 0.15% is coded 15; BAC of .21 milligrams per milliliter is coded 21.

**DEA120**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Type: number-integer</td>
</tr>
</tbody>
</table>

A.17.2  Blood Alcohol Concentration Test Results

The percent of BAC or its equivalent (milligrams per milliliter).

**Source of Definition:** D20/79.
**Source of Data:** Crash report; BAC report; medical examiner report.
**Synonyms:** BAC Test Results; BAC Test Results, Driver; BAC Test Results, Pedestrian.
**Logical Format (Type/Max Length):** N/2

**DEA120**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Type: number-integer</td>
</tr>
</tbody>
</table>

A.17.3  Blood Alcohol Concentration Test Time

The time at which a BAC test was administered. The time is recorded in hours and minutes (HHMM) using the current time in the locality where the test is taken, so may reflect a daylight savings time.

**Source of Definition:** D20/79.
**Source of Data:** Crash report; BAC report.
**Synonyms:** Time; BAC Test.
**Logical Format (Type/Max Length):** AN/4

**DEA114**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Type: string</td>
</tr>
</tbody>
</table>

A.17.4  Blood Alcohol Concentration Test Type

The type of BAC test administered.

**Source of Definition:** D20/79.
**Source of Data:** Crash report; toxicologist report; miscellaneous special reports BAC; coroner; death certificate on occasion; medical examiner report.
**Synonyms:** BAC Test Type; BAC Test Type, Driver; BAC Test Type, Pedestrian.
**Logical Format (Type/Max Length):** AN/4

**DEA114**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Type: string</td>
</tr>
</tbody>
</table>
Appendix A: Data Dictionary

**Defendant Type**

The type of defendant charged in the enforcement action.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Driver</td>
</tr>
<tr>
<td>2</td>
<td>Passenger</td>
</tr>
<tr>
<td>3</td>
<td>Pedestrian</td>
</tr>
<tr>
<td>4</td>
<td>Pedalcyclist</td>
</tr>
<tr>
<td>5</td>
<td>Vehicle owner (when not driver)</td>
</tr>
<tr>
<td>7</td>
<td>Other</td>
</tr>
</tbody>
</table>

**Driver License Restriction Compliance**

A code which describes driver compliance with prescribed restrictions placed upon the physical conditions under which the licensee may drive (e.g., corrective lenses, daylight, under 45 mph, etc., plus combinations).

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>No Restrictions or Not Applicable</td>
</tr>
<tr>
<td>1</td>
<td>Restrictions Complied With</td>
</tr>
<tr>
<td>2</td>
<td>Restrictions Not Complied With</td>
</tr>
<tr>
<td>3</td>
<td>Restrictions, Compliance Unknown</td>
</tr>
<tr>
<td>9</td>
<td>Unknown</td>
</tr>
</tbody>
</table>

**Driver License Type Compliance**

A code indicating whether a driver was validly licensed for the type of vehicle which he was driving.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>No license</td>
</tr>
<tr>
<td>1</td>
<td>Licensed for this vehicle -- current</td>
</tr>
<tr>
<td>2</td>
<td>Licensed for this vehicle -- expired</td>
</tr>
<tr>
<td>3</td>
<td>Licensed, but NOT for this vehicle -- current</td>
</tr>
<tr>
<td>4</td>
<td>Licensed, but NOT for this vehicle -- expired</td>
</tr>
</tbody>
</table>
5 Learner's permit for this vehicle -- current
6 Learner's permit for this vehicle -- expired
7 Learner's permit, but NOT for this vehicle -- current
8 Learner's permit, but NOT for this vehicle -- expired
9 Unknown

**DEA022**

`licensedStatusCode` type: `string-code`

### A.17.8 Drug Test Results

The results of a test for a particular drug type, showing the presence of drugs in the system of a driver or other person.

- **Subfield 1:** Test Type

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Marijuana</td>
</tr>
<tr>
<td>2</td>
<td>Cocaine</td>
</tr>
<tr>
<td>3</td>
<td>Opiates</td>
</tr>
<tr>
<td>4</td>
<td>Amphetamines</td>
</tr>
<tr>
<td>5</td>
<td>PCP</td>
</tr>
</tbody>
</table>

- **Subfield 2:** Test Result

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Test not given</td>
</tr>
<tr>
<td>1</td>
<td>Test given, no drugs reported</td>
</tr>
<tr>
<td>2</td>
<td>Test given, drugs reported</td>
</tr>
<tr>
<td>7</td>
<td>Test given, results not reported</td>
</tr>
<tr>
<td>9</td>
<td>Unknown if test was given</td>
</tr>
</tbody>
</table>

**DEA140**

`drugTest` type: `group`

It is composed of:

- `typeCode` type: `string-code`
- `resultCode` type: `string-code`

### A.17.9 Enforcement Record Code

An indication of the type of data contained in a particular enforcement record.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>RCT</td>
<td>Receipt</td>
</tr>
<tr>
<td>CIT</td>
<td>Citation</td>
</tr>
<tr>
<td>DIS</td>
<td>Disposition</td>
</tr>
<tr>
<td>WAR</td>
<td>Warning</td>
</tr>
<tr>
<td>REP</td>
<td>Repair order</td>
</tr>
<tr>
<td>OTH</td>
<td>Other</td>
</tr>
</tbody>
</table>

**DEA030**

Logical Format (Type/Max Length): `A/3`
A.17.10  Officer’s Assignment

The district, area, and beat assignment of the officer issuing the enforcement action. Codes for the officer’s assignment are provided by the appropriate jurisdiction.

**DEA040**

`officersAssignment` type: string

A.17.11  Officer’s Identification Number

A unique number assigned to an officer and shown on their badge.

**DEA050**

`officerId` type: string

A.17.12  Police-reported Alcohol/Drug Presence

The investigating police officer’s assessment as to whether alcohol or drugs were used by the vehicle driver, and whether the driver was impaired or whether alcohol/drugs contributed to the crash.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Neither alcohol nor drugs present</td>
</tr>
<tr>
<td>1</td>
<td>Yes (alcohol present)</td>
</tr>
<tr>
<td>2</td>
<td>Yes (drugs present)</td>
</tr>
<tr>
<td>3</td>
<td>Yes (alcohol and drugs present)</td>
</tr>
<tr>
<td>7</td>
<td>Not reported</td>
</tr>
<tr>
<td>9</td>
<td>Unknown</td>
</tr>
</tbody>
</table>

**DEA100**

`underInfluenceCode` type: string-code

A.17.13  Primary Cause Factor, Driver Opinion

The contributing circumstance which the driver considers to be the factor most responsible for the crash.

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>None</td>
</tr>
<tr>
<td>01</td>
<td>Under the Influence of Drugs</td>
</tr>
<tr>
<td>02</td>
<td>Under the Influence of Alcohol</td>
</tr>
<tr>
<td>03</td>
<td>Failed to Yield Right of Way</td>
</tr>
<tr>
<td>04</td>
<td>Disregarded Traffic Signs, Signals, Roadway Markings</td>
</tr>
</tbody>
</table>

Source of Definition: CADRE/92.
Source of Data: Crash report.
Appendix A: Data Dictionary

A.18 Examiner

An examiner is an individual who performs CDL skill testing (road tests, vehicle inspection, control skills) and records the test result information. They may schedule applicants for tests and assign themselves to administer the tests. Due to the responsibilities of the job, jurisdictions certify their examiners.

- A jurisdiction may have multiple examiners.
- An examiner may work for a jurisdiction or a third party tester.
- Note that some jurisdictions (e.g. AZ, OR, CO, WI) allow an examiner to work for multiple testers.

A.18.1 Examiner ID

An identifier for a CDL skills test Examiner as assigned by the jurisdiction.

<table>
<thead>
<tr>
<th>DEXID</th>
<th>id</th>
<th>type: string</th>
</tr>
</thead>
</table>

Source of Definition: Motor Vehicle Agency
Source of Data: Processing Agency
Logical Format (Type/Max Length): AN/20

A.18.2 Examiner Driver License Issuing Jurisdiction

The issuing jurisdiction of a CDL skills test Examiner’s driver license.

See the Jurisdiction Code Values (on page 27) for the list of valid codes.

<table>
<thead>
<tr>
<th>DEXJUR</th>
<th>jurisdictionCode</th>
<th>type: string-code</th>
</tr>
</thead>
</table>

Source of Definition: CSTIMS
Source of Data: Testing Agency
Logical Format (Type/Max Length): AN/2

A.18.3 Examiner Driver License Number

The driver license number of a CDL skills test Examiner’s driver license.

Source of Definition: CSTIMS
Source of Data: Testing Agency
A.18.4 Examiner Driver License Issue Date

The issuance date of a CDL skills test Examiner's driver license.

**Value** | **Description**
--- | ---
A | Class "A" vehicles [49 CFR 383.91(a)(1)]
B | Class "B" vehicles [49 CFR 383.91(a)(2)]
C | Class "C" vehicles [49 CFR 383.91(a)(3)]
M | Class "M" vehicles - Motorcycles, Mopeds, Motor-driven Cycles (class M is being retired as a Commercial Class).

See [Commercial Class Definition](#) (on page 23) for the detailed definition and examples of the commercial class codes.

A.18.5 Examiner Driver License Expiration Date

The expiration date of a CDL skills test Examiner's driver license.

A.18.6 Examiner Driver License Class

A CDL Examiner's, driver license commercial class.

A.18.7 Examiner Date Last Attended Examiner Course

The date the Examiner last attended the jurisdiction MVA's approved CDL examiner training course.

A.18.8 Examiner Next Course Date

The date the Examiner will next attended the jurisdiction MVA's approved CDL examiner training course.
nextCourseDate  

**A.18.9  Examiner Background Check Date**

The date of a background check of an examiner.  

**DEXBCD**

backgroundDate  

**A.18.10  Examiner Authorized To Test For Air Brakes**

An indicator to specify if the Examiner is authorized by the jurisdiction to administer CDL skills tests for vehicles that are equipped with air brakes.  

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>true</td>
<td>Yes its true</td>
</tr>
<tr>
<td>false</td>
<td>No its false</td>
</tr>
</tbody>
</table>

**DEXATK**

hasAirBrakesCode  

**A.18.11  Examiner Authorized To Test For Manual Transmission**

An indicator to specify if the Examiner is authorized by the jurisdiction to administer CDL skills tests for vehicles that are equipped with manual transmissions.  

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>true</td>
<td>Yes its true</td>
</tr>
<tr>
<td>false</td>
<td>No its false</td>
</tr>
</tbody>
</table>

**DEXATM**

hasManualCode  

**A.18.12  Examiner Authorized for Endorsement-School Bus**

An indicator to specify if a CDL skills test Examiner's driver license includes a "School Bus" endorsement.  

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>true</td>
<td>Yes its true</td>
</tr>
<tr>
<td>false</td>
<td>No its false</td>
</tr>
</tbody>
</table>

**DEXLES**

hasSchoolBusCode  

**A.18.13  Examiner Authorized for Endorsement-Passenger**

An indicator to specify if a CDL skills test Examiner's driver license includes a 'Passenger' endorsement.  

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>true</td>
<td>Yes its true</td>
</tr>
<tr>
<td>false</td>
<td>No its false</td>
</tr>
</tbody>
</table>
### A.18.14 Examiner Skills Test Demonstrated Code

An indicator to specify if the Examiner has demonstrated skills tests.

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>true</td>
<td>Yes its true</td>
</tr>
<tr>
<td>false</td>
<td>No its false</td>
</tr>
</tbody>
</table>

**Logical Format (Type/Max Length):** AN/5

**Source of Definition:** CSTIMS

**Source of Data:** Testing Agency

### A.18.15 Examiner Does Knowledge Tests Code

An indicator to specify if the Examiner conducts knowledge tests.

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>true</td>
<td>Yes its true</td>
</tr>
<tr>
<td>false</td>
<td>No its false</td>
</tr>
</tbody>
</table>

**Logical Format (Type/Max Length):** AN/5

**Source of Definition:** CSTIMS

**Source of Data:** Testing Agency

### A.18.16 Examiner Tests Low Volume Code

An indicator that an Examiner only conducts a limited number of tests, i.e. are they a low volume examiner.

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>true</td>
<td>Yes its true</td>
</tr>
<tr>
<td>false</td>
<td>No its false</td>
</tr>
</tbody>
</table>

**Logical Format (Type/Max Length):** AN/5

**Source of Definition:** CSTIMS

**Source of Data:** Testing Agency

### A.19 Fee

Fees are charged by jurisdictions for services or products such as registrations, titling, driver licensing and ID Cards.

### A.19.1 Adjusted Fee Amount Due

The amount due at this time for this transaction.

**Source of Definition:** MA MVA.

**Source of Data:** MVA.

**Logical Format (Type/Max Length):** N/9999999.99
### A.19.2 Fee Amount

The dollar amount of the fee assessed by the jurisdiction for some project or service.

**VFEAMT**  
amount  
type: number

#### Source of Definition
MVAs.  
Source of Data: Jurisdiction.

#### Logical Format (Type/Max Length)
N/9999999.99

### A.19.3 Fee Total Amount

The dollar amount assessed by the jurisdiction for some product or service.

**VFETOT**  
totalAmount  
type: number

#### Source of Definition
MVAs.  
Source of Data: MVA.

#### Logical Format (Type/Max Length)
N/9999999.99

### A.19.4 Fee Type

The coded indicator of the product or service.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>001</td>
<td>Title</td>
</tr>
<tr>
<td>002</td>
<td>Lien</td>
</tr>
<tr>
<td>003</td>
<td>Registration</td>
</tr>
<tr>
<td>004</td>
<td>Special Plate Fee</td>
</tr>
<tr>
<td>005</td>
<td>Sales Tax</td>
</tr>
<tr>
<td>999</td>
<td>Jurisdiction-defined</td>
</tr>
</tbody>
</table>

**VFETYP**  
typeCode  
type: string-code

#### Source of Definition
MVAs.  
Source of Data: Jurisdiction, Business partner

#### Logical Format (Type/Max Length)
AN/3

### A.20 Fleet

An owner of a group of vehicles, e.g. a Motor Carrier who owns a fleet of delivery trucks.

### A.20.1 Fleet Total Fuel Consumption

The total quantity of fuel of a specific type consumed by a fleet in all jurisdictions for specified time periods (e.g., month, quarter, year).

- **Subfield 1:** Fuel Type
  
<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>D</td>
<td>Diesel</td>
</tr>
<tr>
<td>G</td>
<td>Gasoline</td>
</tr>
<tr>
<td>L</td>
<td>Liquefied Gases</td>
</tr>
<tr>
<td>K</td>
<td>Kerosene</td>
</tr>
<tr>
<td>A</td>
<td>Gasohol</td>
</tr>
<tr>
<td>O</td>
<td>Other</td>
</tr>
</tbody>
</table>

- **Subfield 2:** Measurement

#### Source of Definition
D20/79.  
Source of Data: Vehicle operator; operational records.
### VFL010

**fuelUsed**

- **type:** group
- **This measure is composed of:**
  - **type**  type: string-code
  - **quantity**  type: number-integer
  - **unit**  type: string-code

### A.20.2 Fleet In Jurisdiction Travel

The total number of miles (or kilometers in jurisdictions using metric measurements), operated by a fleet of proportionally registered vehicles in a jurisdiction during the preceding year.

**Source of Definition:** ANSI D20/79.
**Source of Data:** Individual vehicle mileage records.
**Synonyms:** In State Miles.

### VFL020

**distanceTraveled**  type: number-integer

### A.20.3 Power Vehicles In Fleet

The total number of power vehicles (of a single registrant) operating from the same business address in a particular jurisdiction.

**Source of Definition:** D20/79.
**Source of Data:** Registrant; fleet operational records.

### VFL030

**vehicleQuantity**  type: number-integer

### A.20.4 Rental Automobiles

The total number of rental passenger cars owned by a rental company.

**Source of Definition:** D20/79.
**Source of Data:** Registrant; operational records.
**Synonyms:** Rental Passenger Cars.

### VFL040

**rentalQuantity**  type: number-integer

### A.20.5 Rental Revenue Total
The total gross revenue received during the preceding year for the use of rental vehicles (passenger cars, trailers/semi-trailers in pool fleets) in all jurisdictions in which such vehicles are operated.

`VFL050`  
`rentalRevenue` type: number-integer

### A.20.6 Vehicle Fleet Number

A jurisdiction-assigned code used to identify groupings of vehicles that are owned by a single person or business.

`VVHFNU`  
`id` type: string

### A.21 Inspection of Vehicle

An inspection describes an examination of a vehicle conducted on a particular date. It may be conducted by:

- A motor vehicle agency performing safety and emission tests as part of a registration process. The federal Clean Air Act, sets acceptable vehicle emissions for areas with higher pollution so some states have to conduct emissions tests. But for most other items, inspections are performed when required by the rules and regulations of the state of registration.
- A law enforcement officer after a crash or a traffic stop.
- An inspector operating a weigh station for commercial vehicles.
- An insurance assessor after a crash.

Some of the inspection elements apply to a single inspection item, other elements cover multiple related inspection points. For each of the inspection points, the result is conveyed as Pass, Fail and for certain elements Not-applicable. The following codes are used, unless an element has alternate codes specified.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>P</td>
<td>Pass (meets inspection criteria)</td>
</tr>
<tr>
<td>F</td>
<td>Fail (does not pass inspection criteria)</td>
</tr>
<tr>
<td>A</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

### A.21.1 Inspection Result

Identifies an item which is inspected and if it meets the minimum inspection criteria.

Subfield 1: A code used to record if an item being inspected meets requirements.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>P</td>
<td>Pass (meets inspection criteria)</td>
</tr>
<tr>
<td>F</td>
<td>Fail (does not pass inspection criteria)</td>
</tr>
<tr>
<td>A</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

- Subfield 2: Inspection Item Code, is an identifier of a given item inspected.
- Subfield 3: Inspection Item Description, is a human readable description of the item inspected.

The rules governing a given inspection, dictate which items are inspected.
**VIS005**

**inspection** type: group

The inspection is composed of:

- **result** type: string-code
- **itemCode** type: string-code
- **itemDescription** type: string

**Inspection Items**

Jurisdiction’s rules specify which items are checked and what the minimum inspection criteria are for these items. A vehicle inspection may include reviewing:

<table>
<thead>
<tr>
<th>Area</th>
<th>Code</th>
<th>Description</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brake:</td>
<td>B02</td>
<td>Drum or Disk Condition</td>
<td></td>
</tr>
<tr>
<td></td>
<td>B04</td>
<td>Fluid Retention</td>
<td></td>
</tr>
<tr>
<td></td>
<td>B06</td>
<td>Line Material Condition</td>
<td></td>
</tr>
<tr>
<td></td>
<td>B08</td>
<td>Lining or Pad Condition</td>
<td></td>
</tr>
<tr>
<td></td>
<td>B10</td>
<td>Linkage Condition</td>
<td></td>
</tr>
<tr>
<td></td>
<td>B12</td>
<td>Master Cylinder Fluid Level</td>
<td></td>
</tr>
<tr>
<td></td>
<td>B14</td>
<td>Parking Reserve</td>
<td></td>
</tr>
<tr>
<td></td>
<td>B16</td>
<td>Pedal Reserve</td>
<td></td>
</tr>
<tr>
<td></td>
<td>B18</td>
<td>Force Equalization</td>
<td></td>
</tr>
<tr>
<td></td>
<td>B20</td>
<td>Stopping Distance</td>
<td>A test of whether the distance needed to achieve a full stop is in conformity.</td>
</tr>
<tr>
<td>C02</td>
<td>Cross Frame Member Condition</td>
<td>A test of front and or/ rear Cross Frame Member Condition</td>
<td></td>
</tr>
<tr>
<td>D02</td>
<td>Driver License Status</td>
<td>A check if the driver's license is correct and still current.</td>
<td></td>
</tr>
<tr>
<td>Emissions</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>EM2</td>
<td>Inspection Reading</td>
<td>AKA: Emissions tests, smog tests or emission inspections.</td>
</tr>
<tr>
<td></td>
<td>EM4</td>
<td>Pollution Control Components Integrity</td>
<td>A test if the emission reading meets requirements.</td>
</tr>
<tr>
<td></td>
<td>EM6</td>
<td>Pollution Control Valves, Condition</td>
<td></td>
</tr>
<tr>
<td>En2</td>
<td>Engine / Motor Mounting Condition</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Exhaust</td>
<td>EX2</td>
<td>Muffler Condition</td>
<td></td>
</tr>
<tr>
<td></td>
<td>EX4</td>
<td>Pipe Condition</td>
<td></td>
</tr>
<tr>
<td></td>
<td>EX6</td>
<td>Routing of System</td>
<td></td>
</tr>
<tr>
<td></td>
<td>EX8</td>
<td>Tailpipe Condition</td>
<td></td>
</tr>
<tr>
<td></td>
<td>EX9</td>
<td>Tailpipe Outlet Condition</td>
<td></td>
</tr>
<tr>
<td>Fuel</td>
<td>F02</td>
<td>Filler Cap Condition</td>
<td>A check from the carburetor and/or fuel pump, to and including the fuel tank.</td>
</tr>
<tr>
<td></td>
<td>F04</td>
<td>System Condition</td>
<td></td>
</tr>
<tr>
<td></td>
<td>F06</td>
<td>Tank Condition</td>
<td></td>
</tr>
<tr>
<td></td>
<td>F08</td>
<td>Tank Mounting Condition</td>
<td></td>
</tr>
</tbody>
</table>
### Horn Condition
- **H02**

#### Lens
- **LN2** Clearance Lamp Condition
- **LN3** Signal Lamp Condition
- **LN4** Head Lamp Condition
- **LN5** Identification Lamp Condition
- **LN6** Side Marker Lamp Condition
- **LN7** Stop Lamp Condition
- **LN8** Tail Lamp Condition

#### Lighting
- **L02** Clearance Lights Condition
- **L04** High Beam Condition
- **L06** High Beam Indicator Condition
- **L08** Identification Lights Condition
- **L10** Other Lights Condition
- **L12** Reflectors Condition
- **L14** Registration Lights Condition
- **L16** Side Marker Lights Condition
- **L18** Low Beam Function
- **L20** Stop Lights Function
- **L22** Tail Lights Function
- **L24** Turn Signal Indicators Function
- **L26** Turn Signals Function

#### Mirror Condition
- **MI2**
  
  **A check of inside and outside rear view mirror mountings and visibility to the rear, for trucks, cars and motorcycles.**

#### Presence
- **MU2**
- **MU4** Width

#### Plates
- **R02**
- **R04** Status
  
  **A check of the plate and decal: Validity, Visibility and Condition**
  
  **A check if the vehicle registration is correct and still current.**

#### Safety Inspection Results
- **SA2**

#### Aisle Mat Condition
- **S02**

#### Bumper Condition
- **S04**

#### Emergency Door and Buzzer Condition
- **S06**

#### Fire Extinguisher Condition
- **S08**

#### First Aid Kit Condition
- **S10**

#### Flare or Reflective Triangle Condition
- **S12**

#### Flasher Condition
- **S14**

#### Lettering Condition
- **S16**

#### Seats Condition
- **S18**

#### Service Door Condition
- **S20**

#### Steptread Condition
- **S22**

#### Stop Arm Condition
- **S24**

#### Seat Belt Presence and Condition
- **SB2**
  
  **A check of all applicable rows of seats.**
### Appendix A: Data Dictionary

#### Steering

- **T02** Ball Joints and Idler Arm Condition
- **T04** Front Wheel Bearings Condition
- **T06** Mechanism Power Steering Assembly Condition
- **T08** Mechanism Springs, Torsion Bars and Shackles Condition
- **T10** Mechanisms Wheel Play, Front
- **T12** Pitman Arm
- **T14** Shock Absorbers
- **T16** Tie Rod End and Stabilizer Link Condition
- **T18** Wheel Binding
- **T20** Wheel Play

#### Wheel

- **WH2** Tire Type
- **WH4** Tire Condition
- **WH6** Condition of Studs and Lugs
- **WH8** Condition of Rim

#### Windows

- **WI2** Windshield Glass Condition
- **WI4** Other Glass Condition
- **WI6** Windshield Wiper Function
- **WI8** Windshield Wiper Arm and Blade Condition

---

#### A.21.2 Emissions Certificate Number

The unique alphanumeric code that appears on an emissions certificate, e.g. inspection smog certificate.

Source of Definition: MVA.
Source of Data: Inspector, MVA.

**VISECN**

```
emissionsCertificateNumber type: string
```

#### A.21.3 Inspection Address

The street name and number, city, state and zip code of the inspection facility. See the Address Format (on page 15) for details of how the address components are held.

Source of Definition: D20/79.
Source of Data: State administering agency.
Synonyms: Vehicle Inspection Facility Address

**VISADD**

```
facilityAddress type: group: address
```

The address is composed of:
- **line1** type: string
- **line2** type: string
- **city** type: string
- **stateCode** type: string

---
**A.21.4 Inspection Facility Identifier**

The unique number assigned to an inspection facility.

*Source of Definition:* D20/79.
*Source of Data:* State administering agency.
*Synonyms:* Vehicle Inspection Facility Identification Number.

*VIS100*

`facilityId` type: string

**A.21.5 Inspection Form Number, Current**

A unique number assigned to a current vehicle inspection form for identification purposes.

*Source of Definition:* D20/79.
*Source of Data:* Inspection form.
*Synonyms:* Vehicle Inspection Form Number; Vehicle Inspection Check Sheet.

*VISFNM*

`currentFormId` type: string

**A.21.6 Inspection Form Number, Previous**

The number of the last inspection form excluding the current inspection.

*Source of Definition:* D20/79.
*Source of Data:* State inspection data base.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>nnnnnnnnnn</td>
<td>Number of Previous Form</td>
</tr>
<tr>
<td>0000000000</td>
<td>Not Applicable, No Prior Inspections for the Vehicle</td>
</tr>
<tr>
<td>9999999999</td>
<td>Unknown, Previous Form Number Unavailable</td>
</tr>
</tbody>
</table>

*VIS110*

`previousFormId` type: string

**A.21.7 Inspection Inspector ID**

A jurisdiction assigned unique number assigned to each licensed vehicle inspector that performed the emissions and/or safety inspection.

*Source of Definition:* D20/79
*Source of Data:* Inspector, registrant.
*Synonyms:* Inspector Mechanic Number; Vehicle Inspector Number.

*VISINS*

`inspectorID` type: string

**A.21.8 Inspection Station Number**

Station number performing the inspection.

*Source of Definition:* MVA.
*Source of Data:* State, registrants, inspection stations.
<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>nnnnnnnn</td>
<td>Number of Previous Sticker</td>
</tr>
<tr>
<td>00000000</td>
<td>Not Applicable; No Previous Inspection</td>
</tr>
<tr>
<td>99999999</td>
<td>Unknown; Previous Number Unavailable</td>
</tr>
</tbody>
</table>

**A.21.9 Inspection Sticker Number**

A preprinted unique number on the motor vehicle inspection sticker, issued to a motor vehicle which has passed inspection.

**A.21.10 Inspection Sticker Number, Previous**

The certification number of the last inspection sticker, excluding the current inspection.

**A.21.11 Inspection Skid Number**

The ratio of frictional force between a locked wheel and pavement multiplied by 100.

**A.21.12 Odometer Reading At Inspection**

The vehicle's odometer reading to the nearest mile (or kilometer in jurisdictions using metric measurements) at the time of inspection.

**A.21.13 Safety Inspection Date**

The date that the safety inspection result was recorded.
### A.21.14 Emission Inspection Date

The date that the emissions result was recorded.

**VISDTE**

emissionInspectionDate type: string-date

### A.22 INSURANCE

Insurance for Vehicles is coverage by contract whereby one party agrees to indemnify or guarantee another against loss by a specified contingent event or peril.

Each State has its own regulations for when a given driver is required to have "financial responsibility" and meet the minimum liability coverage required by state law.

#### A.22.1 Automobile NAIC Insurance Company Code

A code assigned by the National Association of Insurance Carriers (NAIC) for a business involved in underwriting automobile insurance.

**VINCOC**

naicId type: string-code

#### A.22.2 Insurance Claim Description

A description of the reason for an insurance claim (i.e. Fire, Theft, Collision).

**VINCLD**

claimReason type: string

#### A.22.3 Insurance Claim Number

An identifier assigned by the insurer to an insurance claim.

**VINCLN**

claimNumber type: string

#### A.22.4 Insurance Company Code

The organization issuing a policy providing insurance coverage for a particular registrant or operator. The code may have one of three formats.

a. A code assigned by the National Association of Carriers (NAIC) codes. Its first five characters contain 'NAIC'. The last five characters contain the NAIC number. e.g. 'NIAC-31478'. (A/4, AN/1, AN/5).
b. A Federal Employer Identification Number (FEIN) issued by the Internal Revenue Service to companies doing business in the United States. The FEIN is listed in the NAIC Listing of Companies. E.g. '57-0452874'. (AN/2, AN/1, AN/7).

c. A code assigned by NAIC to companies outside of the United States. The first two characters are always 'AA'. Characters four to six contain the country number (156 for Canada, 273 for Mexico). The last four characters describe the insurance company. E.g. 'AA-1560962'. (A/2, AN/1, N/3, AN/4).

Usage Note: The recommended best practice is to use format "a". When format "a" is not available, use format "b" for domestic and format "c" for foreign companies.

**VINCOD**

<table>
<thead>
<tr>
<th>companyId</th>
<th>type: string</th>
</tr>
</thead>
</table>

### A.22.5 Insurance Company Name

Business name of the company maintaining insurance on a vehicle.

**VINNAM**

<table>
<thead>
<tr>
<th>insuranceCarrierName</th>
<th>type: string</th>
</tr>
</thead>
</table>

### A.22.6 Financial Responsibility Compliance

Indication of how the financial responsibility (future proof) requirement was satisfied.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>IN</td>
<td>Insurance (SR 22 Filing of Proof of Insurance)</td>
</tr>
<tr>
<td>SB</td>
<td>Security Bond (Posting by State Licensed Surety Company)</td>
</tr>
<tr>
<td>CA</td>
<td>Cash (Cash Posting as Acceptable Evidence of Bank Deposit)</td>
</tr>
<tr>
<td>RE</td>
<td>Real Estate (Acceptable Land Title)</td>
</tr>
<tr>
<td>OT</td>
<td>Other (Other Acceptable Security as per the State Vehicle Law)</td>
</tr>
</tbody>
</table>

**VIN010**

<table>
<thead>
<tr>
<th>financialResponsibilityCode</th>
<th>type: string-code</th>
</tr>
</thead>
</table>

### A.22.7 Financial Responsibility Compliance Date

The date on which a licensee complied with a requirement to show financial responsibility.

**VIN020**

<table>
<thead>
<tr>
<th>financialResponsibilityDate</th>
<th>type: string-date</th>
</tr>
</thead>
</table>
The financial responsibility requirements commence on the date shown.

**VIN030**

financialResponsibilityStartDate type: string-date

### A.22.9 Financial Responsibility Filing Requirement

The type of filing required of a licensee.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>OW</td>
<td>Owner of Vehicle</td>
</tr>
<tr>
<td>OP</td>
<td>Operator (non-owner of vehicle)</td>
</tr>
<tr>
<td>NR</td>
<td>Owner Operator (no vehicle restrictions)</td>
</tr>
<tr>
<td>OS</td>
<td>Other Security (security bond, cash, real estate, or other convertible securities)</td>
</tr>
</tbody>
</table>

**VIN040**

financialResponsibilityFilingCode type: string-code

### A.22.10 Financial Responsibility Interruption Date

The date on which a licensee’s compliance with a financial responsibility requirement was interrupted for any reason.

**VIN050**

financialResponsibilityInterruptionDate type: string-date

### A.22.11 Financial Responsibility Reason

The action which prompted the motor vehicle department to require a financial responsibility filing.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AH</td>
<td>Hearing Provided After Crash</td>
</tr>
<tr>
<td>AS</td>
<td>Suspension After Crash</td>
</tr>
<tr>
<td>AJ</td>
<td>Judgment After Crash</td>
</tr>
<tr>
<td>CS</td>
<td>Suspension After Conviction</td>
</tr>
<tr>
<td>CR</td>
<td>Revocation After Conviction</td>
</tr>
<tr>
<td>OT</td>
<td>Other</td>
</tr>
</tbody>
</table>

**VIN060**

financialResponsibilityReasonCode type: string-code
### A.22.12 Financial Responsibility Reinstatement Date

The date of recompliance with financial responsibility after an interruption has occurred.

VIN070

| financialResponsibilityReinstatementDate | type: | string-date |

### A.22.13 Financial Responsibility Remainder

The remaining period, in months, for which financial responsibility is required.

VIN080

| financialResponsibilityRemainder | type: | number-integer |

### A.22.14 Financial Responsibility Requirement

The financial security required by the motor vehicle department to justify continued driving and/or registering privileges following some prior incident involving the licensee.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>N</td>
<td>None</td>
</tr>
<tr>
<td>S</td>
<td>Security (immediate security)</td>
</tr>
<tr>
<td>F</td>
<td>Future (future security)</td>
</tr>
</tbody>
</table>

VIN100

| financialResponsibilityRequirementCode | type: | string-code |

### A.22.15 Financial Responsibility Term

The length of time (in months) the financial responsibility requirements are to be in force.

VIN110

| financialResponsibilityTerm | type: | string |

### A.22.16 Financial Responsibility Termination Date

The date on which financial responsibility is no longer required.

VIN120

| financialResponsibilityTerminationDate | type: | string-date |
### A.22.17 Insurance Coverage Type

A code depicting the category of coverage provided by the insurance policy.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>All inclusive (all vehicles owned or not)</td>
</tr>
<tr>
<td>02</td>
<td>Limited to vehicles insurer is aware of</td>
</tr>
<tr>
<td>03</td>
<td>Broadform</td>
</tr>
<tr>
<td>04</td>
<td>Driver other vehicle</td>
</tr>
<tr>
<td>05</td>
<td>Not to exceed 1.5 Tons</td>
</tr>
<tr>
<td>06</td>
<td>Not for hire</td>
</tr>
</tbody>
</table>

**Source of Definition:** SR22.  
**Source of Data:** Insurer.

**Logical Format (Type/Max Length):** AN/2

**VINCTY**

- coverageCode type: string-code

### A.22.18 Owner Address

The address of the insured owner of a vehicle or vessel. See the NSVRP Address Format for details of how the address components are held.

**Source of Definition:** MVAs  
**Source of Data:** State MVA

**Logical Format (Type/Max Length):** AN/106

**VINOAD**

- ownerAddress type: group: address
  - The address is composed of:
    - line1 type: string
    - line2 type: string
    - city type: string
    - stateCode type: string
    - postalCode type: string
    - postalExtensionCode type: string

### A.22.19 Insurance Owner Name

The name of the insured owner of a vehicle or vessel. Owner name may be the name of an individual or the name of a business. If the owner is a business, the owner name is a free-form. If the owner is an individual, the name follows the AAMVA Person Name Rule (on page 11).

**Source of Definition:** MVAs  
**Source of Data:** Insured, Insurance Carrier

**Logical Format (Type/Max Length):** AN/35

**VINOWN**

- ownerName type: group: Name

### A.22.20 Insurance Owner / Operator Policy Flag

A code depicting whether the insured party is the vehicle owner or a covered operator.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Y</td>
<td>Operator</td>
</tr>
<tr>
<td>N</td>
<td>Non-Operator</td>
</tr>
</tbody>
</table>

**Source of Definition:** SR22.  
**Source of Data:** Motor Vehicle Agency, Insurer.

**Logical Format (Type/Max Length):** AN/1
Appendix A: Data Dictionary

**A.22.21  Insurance Policy Effective Date**

The date the insured party's policy coverage starts.

**VINFED**

`effextiveDate` type: string

**A.22.22  Insurance Policy Expiration Date**

The date the insured party's policy coverage ends.

**VINPED**

`expirationDate` type: string

**A.22.23  Insurance Policy Number**

A code assigned to the insurance policy by the insurance carrier.

**VINPNU**

`policyNumber` type: string

**A.22.24  Insurance Status**

A code depicting whether the vehicle insurance is active.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>Active</td>
</tr>
<tr>
<td>01</td>
<td>Inactive</td>
</tr>
</tbody>
</table>

**VINSTA**

`statusCode` type: string-code

**A.22.25  Insurance Type**

A code depicting whether the insurance coverage is for a personal vehicle or a commercial vehicle.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>P</td>
<td>Personal</td>
</tr>
<tr>
<td>C</td>
<td>Commercial</td>
</tr>
</tbody>
</table>

**VINTYP**

`typeCode` type: string-code
The date on which a vehicle was reported stolen or an abandoned vehicle was detected.

### VIN130

**vehicleLossDate** | type: string-date

### A.23 JURISDICTION

A jurisdiction is an organization with power, right or authority to interpret and apply the law, or the limit or territory within which authority may be exercised.

#### A.23.1 Jurisdiction Code

A jurisdiction is an organization with power, right or authority to interpret and apply the law, or the limit or territory within which authority may be exercised. The codes listed describe the values used within the scope of AAMVA systems.

*Source of Definition: USPS; Post Canada; NCIC; MVAs
*Source of Data: MVAs

See the **Jurisdiction Code Values** on page 27 for the list of valid codes.

#### BJUCDE

**jurisdictionCode** | type: string-code

#### A.23.2 Jurisdiction Name

The descriptive name of a jurisdiction.

*Source of Definition: Jurisdictions, U.S. Postal Service.
*Source of Data: Jurisdictions.

#### BJUNAM

**jurisdictionName** | type: string

#### A.23.3 Driver License Numbering Scheme

The type of driver license numbering system used by a particular state.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SSN</td>
<td>Social Security Number</td>
</tr>
<tr>
<td>PER</td>
<td>Permanent Number (Incremented number assigned permanently)</td>
</tr>
<tr>
<td>SEQ</td>
<td>Sequential Non-permanent Number</td>
</tr>
<tr>
<td>GEN</td>
<td>Generated Number</td>
</tr>
<tr>
<td>OTH</td>
<td>Other Numbering System</td>
</tr>
</tbody>
</table>

*Usage Note: SSN is only for historic records as the DPPA prohibits the continued use of SSN,*

#### BJU010

**dlNumberingCode** | type: string-code

*Logical Format (Type/Max Length): A/3.*
A.23.4 Fuel Consumption In Jurisdiction

The quantity of a specific type of fuel consumed in a specific taxing jurisdiction for a specified time period (e.g., month, quarter, year).

- Subfield 1: Fuel Type

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>D</td>
<td>Diesel</td>
</tr>
<tr>
<td>G</td>
<td>Gasoline</td>
</tr>
<tr>
<td>L</td>
<td>Liquefied Gases</td>
</tr>
<tr>
<td>K</td>
<td>Kerosene</td>
</tr>
<tr>
<td>A</td>
<td>Gasohol</td>
</tr>
<tr>
<td>O</td>
<td>Other</td>
</tr>
</tbody>
</table>

- Subfield 2: Measurement

<table>
<thead>
<tr>
<th>nnnnnnnn</th>
<th>Gallons consumed</th>
</tr>
</thead>
<tbody>
<tr>
<td>nnnnnnnn</td>
<td>Liters consumed</td>
</tr>
</tbody>
</table>

- Subfield 3: Unit

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>GAL</td>
<td>Gallons</td>
</tr>
<tr>
<td>L</td>
<td>Liters</td>
</tr>
</tbody>
</table>

BJU020

```
fuelUsed  type: group
```

This measure is composed of:

- type  type: string
- quantity type: string
- unit  type: string

Source of Definition: D20/79.
Source of Data: The vehicle operator and operational records.
Synonyms: In State Fuel Consumption.

Logical Format (Type/Max Length): AN/12 (US: 1/A, 8/N, 1/S, 3/A) (Metric: 1/A, 10/N, 1/S, 1/A).

A.23.5 Jurisdiction Points for Safe Driving

The total number of safe driving points awarded for periods of no suspension, conviction or revocation.

BJU030

```
pointsSafeDriving  type: number-integer
```

Source of Definition: D20/79.
Source of Data: Departmental driver improvement records.

Logical Format (Type/Max Length): N/1.

A.23.6 Jurisdiction Rental Revenues

The gross revenue in dollars received during the preceding year for use of rental vehicles arising from passenger car and trailer/semi-trailers in separate pool fleets in a jurisdiction.

BJU040

```
rentalRevenues  type: number-integer
```

Source of Definition: D20/79.
Source of Data: Registrant.
Synonyms: Rental revenues in state; Passenger car revenues; Pool fleet revenues.

Logical Format (Type/Max Length): N/9
A Vehicle or Car lease is a contract to use a motor vehicle for a fixed period of time for an agreed amount of money. It is commonly offered by dealers as an alternative to vehicle purchase but is widely used by businesses as a method of acquiring (or having the use of) vehicles for business, without the usually needed cash outlay. At the end of the primary term (usually 2, 3 or 4 years) the vehicle has to either be returned to the leasing company or purchased for the residual value.

A.24.1 Lease Start Date

The effective date of a lease.

Source of Definition: MVAs.
Source of Data: Lease agreement.

Source of Definition: MVAs.
Source of Data: Corporation, Registrant, MVA.

Logical Format (Type/Max Length): Date

VLLSDT

startDate type: string-date

A.24.2 Lessee Mailing Address

The place at which the organization or the person who is the registered lessee of a vehicle or vessel can be contacted. See the Address Format (on page 15) for details of how the address components are held.

Source of Definition: MVAs.
Source of Data: Corporation, Registrant, MVA.

Logical Format (Type/Max Length): AN/108

VLEMD

lesseeAddress type: group: address

The address is composed of:

• line1 type: string
• line2 type: string
• city type: string
• stateCode type: string
• postalCode type: string
• postalExtensionCode type: string

A.24.3 Lessee Name

The name of the person or corporation to whom the vehicle is being leased.

Source of Definition: MVAs.
Source of Data: Corporation, Registrant, MVA.

Logical Format (Type/Max Length): AN/35

VLENAM

lesseeName type: string

A.24.4 Lessor Mailing Address

The place at which the organization or the person who is the registered lessor of a vehicle or vessel can be contacted. See the Address Format (on page 15) for details of how the address components are held.

Source of Definition: MVAs.
Source of Data: Corporation, Registrant, MVA.

Logical Format (Type/Max Length): AN/108

VLMSMD

lessorAddress type: group: address

The address is composed of:
### A.24.5 Lessor Name

The name of the person or organization leasing the vehicle to the lessee. The lessor may or may not own the vehicle in the case of a sub-lease.

See the [AAMVA Person Name Rule](#) (on page 11) for the rules governing the format of a person's name.

**VLSNAM**

| lessorName | type: string |

### A.24.6 Lessor State Of Residence

The state in which a lessor is based.

For values see the list of [Jurisdiction Code Values](#) (on page 27).

**VLSJUR**

| lessorJurisdictionCode | type: string-code |

### A.24.7 Lessor / Lessee Code

A ten-character code used to uniquely identify a lessor or lessee of a vehicle.

**VLSCOD**

| lessorId | type: string-code |

### A.25 LIEN

A lien is a legal encumbrance placed on property, such as a vehicle.

Historically, liens have been reflected on title documents. Thus, title documents are used to record liens in a way that is visible across jurisdictions.

#### A.25.1 Lien Amount

The dollar amount of the lien.

**VLNAMO**

| amount | type: number-integer |

#### A.25.2 Lien Date

Source of Definition: MVAs
Source of Data: MVAs
The date that the lien was perfected by the jurisdiction. That is the date the lien was completed in accordance with statutory procedure for giving notice and thereby having a status of priority over security interests.

**VLNDAT**

date  type: string-date

---

**A.25.3 Lienholder Address**

The place at which the primary lienholder of a vehicle or vessel can be contacted.

See the **Address Format** (on page 15) for details of how the address components are held.

**VLHADD**

address  type: group: address

The address is composed of:

- line1  type: string
- line2  type: string
- city  type: string
- stateCode  type: string
- postalCode  type: string
- postalExtensionCode  type: string

---

**A.25.4 Lien Federal Employer ID Number**

Federal employer identification number assigned to a lien holder by the Internal Revenue Service.

**VLNEIN**

taxId  type: string

---

**A.25.5 Lienholder Name**

The name of the lienholder of a vehicle. If the lienholder is a business, the name is free form. If the lienholder is an individual, a specific format is used.

See the **AAMVA Person Name Rule** (on page 11) for the rules governing the format of a person's name.

**VLHNAM**

name  type: string

---

**A.25.6 Lien Holder ID**

A code that uniquely identifies the holder of a lien.

**VLHID**

Logical Format (Type/Max Length): AN/16

---
Appendix A: Data Dictionary

**A.25.7 Lien Holder Type**

Indicates whether a lien holder is an individual or a commercial entity.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Source of Definition</th>
<th>Source of Data</th>
</tr>
</thead>
<tbody>
<tr>
<td>C</td>
<td>Commercial</td>
<td>MVA.</td>
<td>MVA.</td>
</tr>
<tr>
<td>I</td>
<td>Individual</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**VLHTYP**

**A.25.8 Lien Release Date**

The date that the lien holder released interest in the vehicle or vessel.

**VLHRED**

**A.25.9 Lien Release Reason**

A code notation of why the lien was released.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Source of Definition</th>
<th>Source of Data</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>Lien paid off</td>
<td>MVA.</td>
<td>Lien holder, MVA.</td>
</tr>
<tr>
<td>02</td>
<td>Vehicle repossessed</td>
<td></td>
<td></td>
</tr>
<tr>
<td>03</td>
<td>Lien perfected in error – lien holder has no interest in the vehicle or vessel</td>
<td></td>
<td></td>
</tr>
<tr>
<td>04</td>
<td>Paper title requested</td>
<td></td>
<td></td>
</tr>
<tr>
<td>05</td>
<td>Lien Paid off, no title print</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**VLNRRE**

**A.25.10 Lien Time**

The time that the lien was perfected by the jurisdiction. Format is HHMMSS.

**VLNTIM**

**A.26 MANUFACTURER CERTIFICATE OF ORIGIN**

Source of Definition: MVA.

Source of Data: MVA.

Logical Format (Type/Max Length): AN/2

Logical Format (Type/Max Length): N/6
A Manufacturer’s Certificate of Origin (MCO), also known as a Manufacturer’s Statement of Origin (MSO), is a document certifying a manufacturer built a vehicle. For new vehicles, MCOs are required for the export or import in and out of the U.S. MVAs treat the MCO as a proof of ownership document, prior to the issuance of a title.

The elements on a MCO describe Vehicle and identify the Auto Dealer where the vehicle was shipped.

### 2.6.1 MCO Elements

The elements on a MCO can vary by manufacturer and vehicle type. The elements that are always expected on a MCO are listed with an asterisk, the other elements are sometimes not included on a MCO.

The elements on a MCO are presented in the Vehicle and Dealer groups in this document, see:

- **VVHIDN** - Vehicle Hull ID Number (VIN/HIN) *
- **VVHMAK** - Vehicle Make *
- **VVHYME** - Vehicle Model Year *
- **VDLCOD** - Dealer Code *
- **VDLNAM** - Dealer Name
- **VDLMAD** - Dealer Mailing Address
- **VVHNCY** - Vehicle Number Of Cylinders
- **VVHNTR** - Vehicle Nominal Ton Rate
- **VVHINN** - Vehicle Invoice Number
- **VVHIND** - Vehicle Invoice Date
- **VVHSHD** - Vehicle Ship Date
- **VVHSWH** - Vehicle Ship Weight
- **VVHSEN** - Vehicle Stamped Engine Number
- **VVHBST** - Vehicle / Vessel Body Type

The following elements are similar to elements in D20, but hold manufacturer defined data:

- **VWHMHP** - MCO Vehicle Horsepower
- **VWHMCL** - MCO Vehicle/Vessel Major Color
- **VWHMCM** - MCO Vehicle/Vessel Minor Color
- **VWHFIN** - Vehicle Finance Indicator
- **VWHEXI** - Vehicle Export Indicator
- **VWHESC** - Vehicle Emission Standards Code

The following derived MCO element is also documented in D20, see

- **VVHMCO** - Vehicle Paper MCO Issued *

### A.27 Medical Certification

A medical certification describes a statement from a physician or other health care provider that attests to the result of a medical examination of a driver.

#### A.27.1 Medical Certificate Expiration Date

A date on which a medical certificate expires.

**DMCEDT**
A.27.2 Medical Certificate Issue Date

The date on which a medical practitioner issued a medical certificate.

expirationDate type: string-date

DMCPED

issueDate type: string-date

A.27.3 Medical Certificate Restriction Code

A restriction imposed on a driver by a medical examiner.

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Wearing corrective lenses</td>
</tr>
<tr>
<td>2</td>
<td>Wearing hearing aid</td>
</tr>
<tr>
<td>3</td>
<td>Accompanied by a waiver/exemption</td>
</tr>
<tr>
<td>4</td>
<td>Driving within an exempt intra city zone</td>
</tr>
<tr>
<td>5</td>
<td>Accompanied by a Skill Performance Evaluation certificate (SPE)</td>
</tr>
<tr>
<td>6</td>
<td>Qualified by operation of 49 CFR 391.64</td>
</tr>
</tbody>
</table>

DMCRES

restrictionCodes[] . value type: string-code

A.27.4 Medical Certification Status Code

An indication of the status of a driver’s medical certification.

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>C</td>
<td>The driver is certified.</td>
</tr>
<tr>
<td>N</td>
<td>The driver is not certified.</td>
</tr>
</tbody>
</table>

DMCCTC

statusCode type: string-code

A.28 Medical Practitioner

A professional who practices medicine.

A.28.1 Medical Examiner License Number

A jurisdiction assigned number used to identify the license of medical practitioner who acts as a medical examiner.

BMPLI1

licenseIdentification type: string

Source of Definition: FMCSA; 49 CFR 390.5
Source of Data: The medical certificate prepared by an approved physician.
Logical Format (Type/Max Length): Date

Source of Definition: FMCSA; 49 CFR 390.5
Source of Data: The medical certificate prepared by an approved examiner.
Logical Format (Type/Max Length): AN/1

Source of Definition: FMCSA; 49 CFR 391.43
Source of Data: Jurisdictions Department of Health
Logical Format (Type/Max Length): AN/14
A.28.2 Medical Examiner Name Group

A group of components that make up a name of a medical examiner. This group contains elements:

- Medical Examiner First Name (BMPNF1)
- Medical Examiner Middle Name (BMPNM1)
- Medical Examiner Last Name (BMPNL1)
- Medical Examiner Name Suffix (BMPNS1)
- ME First Name Truncation Code (BMPTF1)
- ME First Name Transliteration Code (BMPLF1)
- ME Middle Name Truncation Code (BMPTM1)
- ME Middle Name Transliteration Code (BMPLM1)
- ME Last Name Truncation Code (BMPTL1)
- ME Last Name Transliteration Code (BMPLL1)

See the AAMVA Person Name Rule 2008 (on page 13) for the complete set of rules governing the format of a person's name.

BMPNGP

name type: group: PersonName

A.28.3 Medical Examiner Registry Number

A number used as the identifier in a National Registry of Medical Examiners who issue Medical Certificates.

BMPNRN

registryIdentification type: string

A.28.4 Medical Examiner Specialty Code

A code indicating the specialty of the medical practitioner.

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AN</td>
<td>Advanced Practice Nurse</td>
</tr>
<tr>
<td>CH</td>
<td>Chiropractor</td>
</tr>
<tr>
<td>DO</td>
<td>Osteopathic Doctor</td>
</tr>
<tr>
<td>MD</td>
<td>Medical Doctor</td>
</tr>
<tr>
<td>PA</td>
<td>Physician Assistant</td>
</tr>
<tr>
<td>XX</td>
<td>Other</td>
</tr>
</tbody>
</table>

BMPSP1

specialityCode type: string

A.28.5 Medical Examiner Telephone Number

A telephone number at which a medical examiner can be reached.

The number is held without a long-distance access prefix or extensions and without separators, e.g.: the number 1 703 522 1553 would be held as 7035221553.
BMPTP1
telephoneNumber  type: string

A.28.6  Medical Licensing Jurisdiction Code

A medical licensing jurisdiction is an organization with the authority to license medical practitioners, who act as medical examiners.

See the Jurisdiction Code Values (on page 27) for the list of valid codes.

Usage Note: This element uses U.S. Jurisdiction codes, code "MX" and code "PR".

BMPJO1
licensingJurisdictionCode  type: string-code

A.29  MOTOR CARRIER

A motor carrier is the legal business entity, individual, partnership, corporation, or organization that directs, controls, and is responsible for the transportation of goods, property, or people. Inclusions:

- For-hire and private business entities engaged in commerce
- Governments
- Religious organizations; i.e., churches, temples, synagogues, mosques, etc.
- Charities
- All other entities responsible for the transportation of goods, property, or people

All U.S. motor carriers are registered with the U.S. Department of Transportation, and can be identified by their U.S. DOT Number. Carriers may also be identified by the DOT Numbers issued by individual states.

A.29.1  Apportioned Trailers

The number of trailers apportioned by the registrant during a previous registration period.

MMC010
apportionedTrailers  type: number-integer

A.29.2  Apportioned Truck Tractors

The number of truck tractors apportioned by a registrant during a previous registration period.

MMC020
apportionedTractors  type: number-integer
A.29.3 Apportioned Trucks

The number of trucks apportioned by a registrant during a previous registration period.

**MMC030**
apportionedTrucks type: number-integer

**Source of Definition:** D20/79.
**Source of Data:** Registrant’s operational records; state or province MVAs.
**Synonyms:** Prorated Trucks.
**Logical Format (Type/Max Length):** N/5

A.29.4 Apportionment Factor

A percentage, calculated from the total distance (miles or kilometers) traveled in a given jurisdiction divided by total distance traveled in all jurisdictions.

**Example:** If 500 of the 2000 miles traveled are in a given state, the apportionment factor would be calculated as $100 \times \frac{500}{2000}$ and coded as 025 (representing 25% of the distance).

**MMC040**
apportionedFactor type: number-integer

**Source of Definition:** D20/79.
**Source of Data:** Registration application and/or supplemental application form.
**Synonyms:** Mileage Percent.
**Logical Format (Type/Max Length):** N/3

A.29.5 Audit Date

The date of an audit of a (motor carrier) registrant’s operational records by a jurisdiction.

**MMC050**
auditDate type: string-date

**Source of Definition:** D20/79.
**Source of Data:** The jurisdiction responsible for the audit.
**Logical Format (Type/Max Length):** Date

A.29.6 Cargo Liability Compliance

Indication of whether or not the amount of cargo insurance coverage held by the carrier meets the minimum state requirements.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Below Minimum</td>
</tr>
<tr>
<td>1</td>
<td>Meets the Minimum</td>
</tr>
</tbody>
</table>

**MMC070**
cargoLiabilityCode type: string-code

**Source of Definition:** D20/79.
**Source of Data:** The registrant and insurance company.
**Synonyms:** Cargo Coverage.
**Logical Format (Type/Max Length):** AN/1

A.29.7 Carrier Base Jurisdiction

The state or province where the registrant has an established place of business where mileage is accrued by the fleet and where operational records of such fleet are maintained or can be made available.

See the **Jurisdiction Code Values** (on page 27) for the list of valid codes.

**MMC060**

**Source of Definition:** D20/79.
**Source of Data:** Registrant.
**Synonyms:** Base State; Principal Place of Business.
**Logical Format (Type/Max Length):** AN/2.
A.29.8 Carrier Doing Business As Name
The name under which a company or individual operates or conducts business. This is not a legal name.

Source of Definition: D20; MVA
Source of Data: MCMIS, Motor Carrier.
Logical Format (Type/Max Length): AN/70

A.29.9 Carrier Jurisdiction & Number Group
A unique number assigned by a jurisdiction to a motor carrier.

- Subfield 1: The first two characters contain the Jurisdiction Code.
- Subfield 2: The last ten characters contain the number assigned to the Carrier by the Jurisdiction

Source of Definition: D20; NGA/90.
Source of Data: Motor Carrier, Side of vehicle, shipping papers, trip manifest or driver.
Synonyms: Carrier Identification number, USDOT Number, ICC authorization number.
Logical Format (Type/Max Length): AN/12 (A/2, N/10).

A.29.10 Carrier Legal Name
The name of an individual, partnership or corporation responsible for the transportation of persons or property. This is the name that is recognized by law.

Source of Definition: MVA
Source of Data: Motor Carrier, Side of vehicle, shipping papers, trip manifest or driver.
Synonyms: Carrier doing business as name.
Logical Format (Type/Max Length): AN/70

A.29.11 Carrier Source of Name
The source of the name reported under CARRIER NAME.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Side of vehicle</td>
</tr>
<tr>
<td>2</td>
<td>Shipping papers (truck) or trip manifest (bus)</td>
</tr>
<tr>
<td>3</td>
<td>Driver</td>
</tr>
<tr>
<td>9</td>
<td>Unknown</td>
</tr>
</tbody>
</table>

Source of Definition: NGA/90.
Source of Data: Crash report.
Logical Format (Type/Max Length): N/1

A.29.12 Carrier Operation Type Code

Source of Definition: NGA/90.
Source of Data: Motor Carrier, Side of vehicle, shipping papers, trip manifest or driver.
Synonyms: Carrier Identification number, USDOT Number, ICC authorization number.
Logical Format (Type/Max Length): AN/12 (A/2, N/10).
The different categories of carrier operations which are subject to different taxes or regulations.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Common Carrier of Exempt Commodity</td>
</tr>
<tr>
<td>2</td>
<td>Common Carrier of Household Goods</td>
</tr>
<tr>
<td>3</td>
<td>Other Common Carrier</td>
</tr>
<tr>
<td>4</td>
<td>Contract Carrier</td>
</tr>
<tr>
<td>5</td>
<td>Private Carrier</td>
</tr>
<tr>
<td>6</td>
<td>Rental Carrier</td>
</tr>
<tr>
<td>7</td>
<td>Owner Operator</td>
</tr>
<tr>
<td>8</td>
<td>Exempt Commodity Livestock</td>
</tr>
</tbody>
</table>

**MMC110**

**operationCode**

type: string-code

**A.29.13 MMCD01 - Carrier US DOT Number**

An identifier of a Motor Carrier. FMCSA assigns a unique identifier to each person required to be identified with FMCSA under 49 USC. 13902, 31134 and 49 CFR 390.19T or 390.200T. USDOT numbers are not transferable and are assigned to only one person and remain assigned to that person forever. For the purposes of USDOT number assignment, operating authority registration, and, in the future, safety registration, a person includes any person as recognized by law including an individual (sole proprietor), corporation, partnership, or other business organization as authorized under specific state law.

Usage Note: Old USDOT numbers had six digits, but now FMCSA issues 8 digit USDOT numbers. Since 2017, Motor Carrier (MC) Numbers, Freight Forwarder (FF) Numbers, and Mexico-based carrier (MX) Numbers, have been superseded by the USDOT Numbers.

**MMCD01**

**usdotNumber**

type: string

**A.29.14 Commodities Transported**

The type of commodity transported by a carrier which influences the registration fee schedule applied to the carrier.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Produce</td>
</tr>
<tr>
<td>2</td>
<td>Grain</td>
</tr>
<tr>
<td>3</td>
<td>Logs</td>
</tr>
<tr>
<td>4</td>
<td>Ore</td>
</tr>
<tr>
<td>5</td>
<td>Other</td>
</tr>
</tbody>
</table>

**MMC130**

**commoditiesTransportedCode**

type: string-code

**A.29.15 Interstate Commerce Commission Authorization Number**

Source of Definition: D20/79.
Source of Data: The registrant or operational files.
Synonyms: Carrier Type.

Logical Format (Type/Max Length): N/1
The number assigned by the Interstate Commerce Commission (ICC) to a common carrier certificate or contract carrier permit under the regulation of the Commission.

The field is composed of:
- Position 1 & 2: A prefix of "MC"
- Position 3 to 8: A number assigned by the Interstate Commerce Commission

*Usage Note:* In 1995 USDOT Numbers replaced ICC Numbers. This definition can be used for historic records containing an ICC Number.

**MMC140**

- **iccid** type: string

**A.29.16 Service Representative Name**

The name of the party who furnishes facilities and services including sales, warehousing, motorized equipment and drivers under contract or other arrangement to a carrier for transportation of property by a household goods carrier.

See the [AAMVA Person Name Rule](#) (on page 11) for the rules governing the format of a person's name.

**MMC150**

- **serviceRepName** type: group
  - **organizationName** type: string
  - If the entity is a person, it can also contain:
    - **personName** type: group
      - **givenName** type: string
      - **middleName** type: string
      - **surName** type: string

**A.29.17 Total Fleet Travel**

The total number of vehicle miles (or kilometers in jurisdictions using metric measurements), operated by a single fleet of proportionally registered vehicles in all jurisdictions during the preceding year.

**MMC160**

- **distanceTraveled** type: number-integer

**A.29.18 Total Fleet Vehicles**

The total number of vehicles that a single registrant operates from the same business address in a particular jurisdiction.
**A.29.19  Trailers In Fleet**

The total number of non-powered vehicles (trailers) of a single registrant operating from the same business address in a particular jurisdiction.

Source of Definition: D20 /79.
Source of Data: Registrant; operational records.

**MMC180**

**totalTrailers**  
type: number-integer

**A.30  ODOMETER READING**

A given reading of an odometer. Many readings of an odometer will be taken over the life of a vehicle. The readings are normally recorded when a vehicle is being processed: as part of a sale, getting a registration or title, being branded, being inspected, being insured, etc.

**A.30.1  Odometer Date**

The date the odometer reading was recorded by the jurisdiction.

Source of Definition: MVAs
Source of Data: MVAs

**VODDTE**

**odometerReadingDate**  
type: string-date

**A.30.2  Odometer Reading**

The vehicle’s odometer reading to the nearest mile or kilometer.

When the numeric value of the reading is unavailable the odometer may contain the word 'EXEMPT' or 'UNKNOWN'.

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUMERIC VALUES WHEN PRESENT</td>
<td></td>
</tr>
<tr>
<td>EXEMPT</td>
<td>There is a valid reason the vehicle has no reading.</td>
</tr>
<tr>
<td>UNKNOWN</td>
<td>The odometer reading is unknown</td>
</tr>
</tbody>
</table>

**VODMTR**

**reading**  
type: string

**A.30.3  Odometer Unit Of Measurement**

A code that describes whether the Odometer value refers to English or International standards of measurement.

Source of Definition: MVAs
Source of Data: MVAs

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>M</td>
<td>Miles (or the unit of measure is not known)</td>
</tr>
<tr>
<td>K</td>
<td>Kilometers</td>
</tr>
</tbody>
</table>

**VODUME**

**uomCode**  
type: string-code
A.31 OWNER OF RECORD

The Owner of Record represents the owner of a vehicle or vessel as stated on the current title (or other evidence or ownership) for the vehicle or vessel. It does not necessarily represent the registrant, although the registrant is normally the same person (or business), it is possible that a lessee of a vehicle could be the registrant, while the Owner of Record would still be the lessor. Also, Owner of Record does not represent a lienholder -- although lienholders do have a security interest in the vehicle, they are not identified as Owners in this model -- they are represented in the "Lienholder" entity.

Note: that the owner of record is not always the current owner. The paper title may have recorded a new owner that is not recorded in the information system.

A.31.1 Owner Address

The place where the registered owner of a vehicle (individual or corporation) may be contacted. The place at which the vehicle or vessel can be found. See the Address Format (on page 15) for details of how the address components are held.

VOWADD

ownerAddress type: group: address

The address is composed of:

- line1  type: string
- line2  type: string
- city   type: string
- stateCode type: string
- postalCode type: string
- postalExtensionCode type: string

A.31.2 Owner Classification

A code categorizing the registered owner of a vehicle according to type of vehicle function.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Government, State/Local</td>
</tr>
<tr>
<td>2</td>
<td>Government, Federal</td>
</tr>
<tr>
<td>3</td>
<td>Government, Military</td>
</tr>
<tr>
<td>4</td>
<td>Private</td>
</tr>
<tr>
<td>5</td>
<td>Corporation/Organization</td>
</tr>
<tr>
<td>9</td>
<td>Unknown</td>
</tr>
</tbody>
</table>

VOWCAC
classificationCode type: string-code

A.31.3 Owner Date Of Birth

This field contains the birth date of the owner.

VOWDOB
Appendix A: Data Dictionary

A.31.4 Owner EIN / FID

The federal employer identification number assigned to a business by the Internal Revenue Service.

Source of Definition: MVA
Source of Data: Owner.
Synonyms: Tax ID number.

Logical Format (Type/Max Length): N/9

VOWEIN

taxId type: string

A.31.5 Owner Name

The name of the owner of a vehicle.

The Owner name may be the name of an individual or the name of a business. If the owner is a business, the owner is free form. If the owner is an individual, a specific format is used.

See the AAMVA Person Name Rule (on page 11) for the complete set of rules governing the format of a person's name.

VOWNAM

ownerNames type: string

A.31.6 Owner Social Security Number

The unique number assigned to an individual, who is the owner of a vehicle, by the Social Security Administration.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>nnnnnnnn</td>
<td>Social Security Number</td>
</tr>
<tr>
<td>000000008</td>
<td>No Social Security Number</td>
</tr>
<tr>
<td>000000009</td>
<td>Social Security Number Unknown</td>
</tr>
</tbody>
</table>

VOWSSN

ssn type: string

A.31.7 Owner Type Indicator

This code defines whether the vehicle owner is an individual or business.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Vehicle Owner is an Individual</td>
</tr>
<tr>
<td>2</td>
<td>Vehicle Owner is a Business</td>
</tr>
</tbody>
</table>

VOWTYI

ownerType type: string-code

A.31.8 Owner’s Height

Source of Definition: MVA
Source of Data: Vehicle owner.

Logical Format (Type/Max Length): AN/1
The owner's height expressed in feet and inches. The first digit contains the number of feet and the last two digits contain the number of inches.

**Example:** If a driver is 5'8", the value of this field would = "508".

**VOWHGT**
height type: number-integer

**A.31.9 Owner's Sex**

The owner's sex.

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Unknown</td>
</tr>
<tr>
<td>1</td>
<td>Male</td>
</tr>
<tr>
<td>2</td>
<td>Female</td>
</tr>
<tr>
<td>9</td>
<td>Not specified or Non-binary gender</td>
</tr>
</tbody>
</table>

**VOWSEX**
sexCode type: string-code

**A.31.10 Owner's Weight**

The owner weight in pounds.

**VOWWGT**
weight type: number-integer

**A.32 OWNERSHIP TRANSACTION**

A Title record holds the primary information about the ownership of a vehicle. This group of data is for additional information which is not recorded on a title document, such as information from the sale and purchase transactions.

**A.32.1 Odometer Reading At Time Of Sale**

The vehicle's odometer reading (to the nearest mile or kilometer) at the time of sale.

**VOD100**
odometerReading type: string

**Logical Format (Type/Max Length): AN/9**

**A.32.2 Purchaser Address**

The place where the purchaser of a vehicle (individual or corporation) may be contacted. See the Address Format (on page 15) for details of how the address components are held.

**VPUADD**
### Appendix A: Data Dictionary

#### purchaserAddress

The address is composed of:
- `line1` type: string
- `line2` type: string
- `city` type: string
- `stateCode` type: string
- `postalCode` type: string
- `postalExtensionCode` type: string

#### A.32.3 Purchaser Dealer Indicator Code

An indicator showing whether the purchaser is a dealer or not

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Y</td>
<td>Purchaser is a Dealer</td>
</tr>
<tr>
<td>N</td>
<td>Purchaser is Not a Dealer</td>
</tr>
</tbody>
</table>

Source of Definition: MVA. Source of Data: Reg/Title Application form FDR Bus. Partner or MVA.

**VPUDLC**

`purchaserDealerCode` type: string

#### A.32.4 Purchaser Driver License Number

The Driver License Number provides a single unique index or key useful within a jurisdiction to locate a driver. This is the number of the individual purchasing the vehicle.

**VPUDLN**

`purchaserDln` type: string

#### A.32.5 Purchaser Name

The name of the person or corporation purchasing a vehicle or vessel.

See the AAMVA Person Name Rule (on page 11) for the rules governing the format of a person’s name. For an organization the name is a free-form.

**VPUNAM**

`purchaserName` type: string

#### A.32.6 Purchaser Type

The type of person or corporation purchasing a vehicle or vessel.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>B</td>
<td>Business</td>
</tr>
<tr>
<td>N</td>
<td>Non-Driver Licensed Person</td>
</tr>
<tr>
<td>P</td>
<td>Other Person</td>
</tr>
</tbody>
</table>

Source of Definition: MVA. Source of Data: Reg/Title Application from FDR Bus. Partner or MVA.

**VPUTYP**
A.32.7 Sales Taxes Exempt Code

Coded reasons why an owner may not have to pay sales tax.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>C</td>
<td>Corporate Reorganization</td>
</tr>
<tr>
<td>D</td>
<td>Disabled</td>
</tr>
<tr>
<td>E</td>
<td>Exempt organization</td>
</tr>
<tr>
<td>F</td>
<td>Vehicle is farm implement or ready-mix concrete truck</td>
</tr>
<tr>
<td>G</td>
<td>Gift</td>
</tr>
<tr>
<td>H</td>
<td>Inheritance</td>
</tr>
<tr>
<td>I</td>
<td>Vehicle is for interim use</td>
</tr>
<tr>
<td>J</td>
<td>Family Transfer</td>
</tr>
<tr>
<td>L</td>
<td>Leasing/Rental</td>
</tr>
<tr>
<td>N</td>
<td>Not tax exempt</td>
</tr>
<tr>
<td>O</td>
<td>Purchaser is out of state resident</td>
</tr>
<tr>
<td>P</td>
<td>Direct Payment</td>
</tr>
<tr>
<td>Q</td>
<td>Tax previously paid</td>
</tr>
<tr>
<td>R</td>
<td>Redemption</td>
</tr>
<tr>
<td>S</td>
<td>Vehicle is rolling stock</td>
</tr>
<tr>
<td>T</td>
<td>Even Trade</td>
</tr>
<tr>
<td>U</td>
<td>Surviving Spouse</td>
</tr>
<tr>
<td>V</td>
<td>Short term lease</td>
</tr>
<tr>
<td>W</td>
<td>Contest winner</td>
</tr>
<tr>
<td>X</td>
<td>Sales tax paid to the state</td>
</tr>
<tr>
<td>Y</td>
<td>Government Agency</td>
</tr>
</tbody>
</table>

Source of Definition: MVA  
Source of Data: MVA.

Logical Format (Type/Max Length): AN/1

VSAEXC
taxExemptCode type: string-code

A.32.8 Seller Address

The place where the seller of a vehicle (individual or corporation) may be contacted. See the Address Format (on page 15) for details of how the address components are held.

Source of Definition: MVA  
Source of Data: Seller.

Logical Format (Type/Max Length): AN/108

VSEADD
sellerAddress type: group: address

The address is composed of:

- line1 type: string
- line2 type: string
- city type: string
- stateCode type: string
- postalCode type: string
- postalExtensionCode type: string
### A.32.9 Seller Name

The name of the person or corporation selling a vehicle or vessel.

See the **AAMVA Person Name Rule** (on page 11) for the rules governing the format of a person’s name. For an organization the name is a free-form.

**VSENAM**

| sellerNames | type: string |

### A.32.10 Shipping Account

A code to identify a shipping company.

**VDLCDE**

| shippingAccount | type: string |

### A.32.11 Trade-In Allowance

The price the vehicle is worth for trade-in. The value represents the number dollars (no pennies).

**VTRALL**

| tradeInAllowance | type: number-integer |

### A.32.12 Vehicle Acquired Date

The date on which the vehicle was purchased, or in the case of a leased vehicle, the date of the lease signing.

**VVHAQD**

| acquiredDate | type: string-date |

### A.32.13 Vehicle Equipment Number

A number, assigned by the owner of the vehicle, to identify the vehicle. This number is most often used by fleet owners and lessors to identify vehicles within a fleet.

**VVHENU**

| ownerAppliedId | type: string |

### A.32.14 Vehicle Purchase Date

The date a vehicle was purchased by the current owner.

**Source of Definition:** MVA.

**Source of Data:** Bill of Sale.
## A.32.15 Vehicle Purchase Price

This is the purchase price of the vehicle when new (original) or when purchased by the current (latest) owner including accessories or modifications attached to the vehicle. Any trade-in and sales or use tax should be excluded. The value represents the number dollars (no pennies).

**VVHPUD**

| purchaseDate | type: string-date |

**Logical Format (Type/Max Length): Date**

Source of Definition: MVA  
Source of Data: Registrant; bill of sale.  
Synonyms: Sales Price; Selling Price.

## A.32.16 Vehicle Sales Tax

The tax rate used for computing the sales tax on the purchase of a vehicle or vessel. The number can have one whole digit, a decimal point and one or two decimal places.

*Example:* State tax rates varying from 0.0 (for 0%) to 7.25 (for 7.25%).

**VVHSTX**

| salesTax | type: number |

**Logical Format (Type/Max Length): Number**

Source of Definition: MVA.  
Source of Data: MVA.

## A.32.17 Vehicle Taxable Value

The dollar amount used as a tax basis for the vehicle or vessel.

**VVHTVA**

| taxableValue | type: number |

**Logical Format (Type/Max Length): N/6**

Source of Definition: MVA.  
Source of Data: MVA.

## A.32.18 Vehicle Use Tax Indicator

An indicator that the Federal Heavy Vehicle Use Tax has been paid.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Y</td>
<td>Vehicle use tax has been paid</td>
</tr>
<tr>
<td>N</td>
<td>Vehicle use tax has not been paid</td>
</tr>
</tbody>
</table>

**VVHVUT**

| useTaxPaidCode | type: string |

**Logical Format (Type/Max Length): AN/1**

Source of Definition: MVA.  
Source of Data: MVA.

## A.32.19 Vehicle/Vessel New/Used Indicator

This code represents whether the vehicle/vessel is new or used.

*Usage Note:* Jurisdictions' definitions of these classifications may vary a little due to state regulations on demo vehicles, sales between dealers, application of state taxes, etc.

**Logical Format (Type/Max Length): AN/1**

Source of Definition: MVAs  
Source of Data: Registrant
### A.33 Registration

Registrations are issued by jurisdictions to a vehicle owner or vehicle lessee. Registrations permit legal operation of the specified vehicle.

A registration is often identified by Jurisdiction, Plate Number and Effective Date, the VIN may additionally be used when identifying a registration. Some jurisdictions use a Vehicle Registration Serial Number to uniquely identify the registration.

#### A.33.1 Liability Insurance Compliance

A code indicating whether the registrant has complied with the state’s minimum insurance requirements.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>No Compliance</td>
</tr>
<tr>
<td>1</td>
<td>Complied With Requirements</td>
</tr>
</tbody>
</table>

Source of Definition: D20/79  
Source of Data: The registrant and the insurance company  
Synonyms: Liability Coverage  
Logical Format (Type/Max Length): N/1

#### A.33.2 Plate Number

The characters assigned to a registration plate or tag affixed to the vehicle, assigned by the jurisdiction.

Each jurisdiction defines the patterns of the alphanumeric characters on their plates. This field normally includes numbers and letters. Some jurisdictions also allow other keyboard characters (such as a hash tag "#.").

Spaces and hyphens may be used as separators on the plate, but they are not included in this field. Symbols (like a heart) which may appear on a plate, are not included in this field.

Usage Note: For combination trucks and trailers, the number is obtained from the power unit or tractor.

Logical Format (Type/Max Length): AN/10

Registration Plate Number Usage

The following examples illustrate unusual characters on license plates and how they are represented in the element.
The face of a license plate may show a symbol (like a hand). In an electronic exchange only the alphanumeric characters are exchanged, i.e. "SAM123" for the plate shown.

When one character appears stacked above the other, the top character is entered first, immediately followed by the bottom character, in sequence, with the other characters on the plate. i.e. "EM0000".

### A.33.3 Previous Registration Jurisdiction Code

The jurisdiction (U.S., Canadian, or Mexican) that previously registered the vehicle or vessel.

See the Jurisdiction Code Values (on page 27) for the list of valid codes.

**VRGRSC**

`previousRegistration . sor` type: string

**Source of Definition:** D20/79.  
**Source of Data:** Proof of ownership such as title or registration from another jurisdiction.

**Logical Format (Type/Max Length): AN/2**

### A.33.4 Registered Gross Vehicle Weight

The unladen weight of the vehicle (e.g., single-unit truck, truck combination) plus the weight of the maximum load for which vehicle registration fees have been paid within a particular jurisdiction.

**VRGGVW**

`grossVehicleWeight` type: string

**Source of Definition:** ANSI D20/79, D16/89  
**Source of Data:** Registrant

**Format (Type/Max Length): N/9**

### A.33.5 Registrant Account Number

The number assigned by the jurisdiction, including the state code and a sequential number for the identification of the registrant's account.

**VRG020**

`accountNumber` type: string

**Source of Definition:** D20/79.  
**Source of Data:** The registration application; MVA.  
**Synonyms:** IRP Account Number.

**Logical Format (Type/Max Length): AN/10**

### A.33.6 Registrant Address, Mailing

The mailing address of the registrant. It may or may not be the same as the registrant business address. See the Address Format (on page 15) for details of how the address components are held.

**VRG030**

`registrantAddress` type: group: address

The address is composed of:

- `line1` type: string

**Source of Definition:** D20/79.  
**Source of Data:** Registrant; MVA.

**Logical Format (Type/Max Length): AN/71**
A.33.7 Regrant Address, Location

The residence address of a private vehicle registrant or, in the case of a commercial vehicle registrant, the address at which the documents supporting miles traveled in each jurisdiction and total miles traveled (such as fuel reports, trip sheets, and logs) are maintained. See the Address Format (on page 15) for details of how the address components are held.

VRG040

locationAddress type: group: address

The address is composed of:

- line1 type: string
- line2 type: string
- city type: string
- stateCode type: string
- postalCode type: string
- postalExtensionCode type: string

A.33.8 Regrant Name

The name of a person, firm, or corporation in whose name or names a vehicle is properly registered. If the registrant is a business, the name is free form. If the registrant is an individual, the AAMVA Person Name Rule (on page 11) governs the format of the name.

VRG050

registrantName type: group

When there is data for this element, it will always have the

- organizationName type: string

If the entity is a person, it can also contain:

- personName type: group

This person name can hold the following sub-elements

- givenName type: string
- middleName type: string
- surName type: string

A.33.9 Registration Application Type

A code that identifies the type of registration, or indicates that the business partner is requesting fees only.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
</table>

Source of Definition: MVA.
Source of Data: MVA.
Appendix A: Data Dictionary

VRGRAT

| applicationCode | type: string-code |

A.33.10 Registration Certificate Issue Date

The date on which a registration certificate is issued.

Source of Definition: MVA.
Source of Data: The MVA.

VRGCID

certificateDate | type: string-date |

A.33.11 Registration Completion Indicator

Identifies the type of completion of an application for registration and title.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>R</td>
<td>RDF – Smog Certificate</td>
</tr>
<tr>
<td>I</td>
<td>Incomplete Application</td>
</tr>
<tr>
<td>S</td>
<td>Suspension</td>
</tr>
<tr>
<td>C</td>
<td>Clear (clear the transaction)</td>
</tr>
</tbody>
</table>

VRGCPI

| completionCode | type: string-code |

A.33.12 Registration Date, Original

The date of the registration certificate or certificates and registration plates initially assigned to a motor vehicle; the first date of registering a vehicle.

Source of Definition: D20/79.
Source of Data: The MVA in the state which originally registered the vehicle.

VRG100

| originalIssueDate | type: string-date |

A.33.13 Registration Date, Supplemental

The date after the commencement of the registration year, when additional vehicles are added to the proportionally registered fleet.

Source of Definition: D20/79.
Source of Data: The MVA.
Synonyms: Additional Registration Date.

VRG110

| supplementalDate | type: string-date |

A.33.14 Registration Effective Date
The Registration Effective Date is the date that the current registration became effective. This may or may not be the original registration date.

**VRGDEF**

`effectiveDate` type: sting-date

**A.33.15 Registration Expiration Date**

The Registration Expiration Date is the date that the current registration expires.

**VRGDEX**

`expirationDate` type: string-date

**A.33.16 Registration Fee Basis**

The criteria used to calculate the registration fee of a commercial power unit, combination of units, full trailer or semi-trailer.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>No Fee</td>
</tr>
<tr>
<td>01</td>
<td>Flat Fee</td>
</tr>
<tr>
<td>02</td>
<td>Gross Vehicle Weight</td>
</tr>
<tr>
<td>03</td>
<td>Combination Gross Weight</td>
</tr>
<tr>
<td>04</td>
<td>Unladen Vehicle Weight</td>
</tr>
<tr>
<td>05</td>
<td>Empty Vehicle Weight</td>
</tr>
<tr>
<td>06</td>
<td>Vehicle Chassis Weight</td>
</tr>
<tr>
<td>07</td>
<td>Load Capacity</td>
</tr>
<tr>
<td>08</td>
<td>Gross Weight Per Axle</td>
</tr>
<tr>
<td>09</td>
<td>Type of Carrier</td>
</tr>
<tr>
<td>10</td>
<td>Age of Vehicle</td>
</tr>
<tr>
<td>11</td>
<td>Factory Price</td>
</tr>
<tr>
<td>12</td>
<td>Tax/Documentation Fee</td>
</tr>
</tbody>
</table>

**VRG120**

`feeBasisCode` type: string-code

Logical Format (Type/Max Length): 2/N.

**A.33.17 Registration Jurisdiction**

The code for the jurisdiction (U.S., Canadian, or Mexican) that registered the vehicle or vessel.

See the **Jurisdiction Code Values** (on page 27) for the list of valid codes.

**VRGJUR**

Logical Format (Type/Max Length): AN/2.
**A.33.18 Registration Number, Supplemental**

The sequential number (beginning with 1) assigned to a registration application after the commencement of the registration year for the purposes of prorated registration.

**VRG130**

**supplementalId**  type: string

**A.33.19 Registration Plate Color**

The color code of the registration plate.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Maroon</td>
</tr>
<tr>
<td>B</td>
<td>Blue</td>
</tr>
<tr>
<td>E</td>
<td>Gray</td>
</tr>
<tr>
<td>G</td>
<td>Green</td>
</tr>
<tr>
<td>I</td>
<td>Ivory</td>
</tr>
<tr>
<td>K</td>
<td>Black</td>
</tr>
<tr>
<td>N</td>
<td>Brown</td>
</tr>
<tr>
<td>O</td>
<td>Orange</td>
</tr>
<tr>
<td>R</td>
<td>Red</td>
</tr>
<tr>
<td>W</td>
<td>White</td>
</tr>
</tbody>
</table>

**VRGPLC**

**plateColorCode**  type: string-code

**A.33.20 Registration Plate File Identifier**

An identifier for the file where the record of the registration plate number is stored.

**VRGPKC**

**plateFileId**  type: string

**A.33.21 Registration Plate Type**

The coded specification of vehicle use and registration classification.

**Source of Definition:** D20/79; NCIC

**Source of Data:** MVA

**Synonyms:** License Plate Type
<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AR</td>
<td>Amateur Radio Operators</td>
<td>OS</td>
<td>Overseas Plates (issued by U.S. government for display on privately owned vehicles of U.S. military &amp; civilian personnel overseas, &quot;USA&quot; appears on the plate)</td>
</tr>
<tr>
<td>AQ</td>
<td>Antique</td>
<td>PH</td>
<td>Physicians</td>
</tr>
<tr>
<td>AM</td>
<td>Ambulance</td>
<td>PC</td>
<td>Privately Owned Vehicle</td>
</tr>
<tr>
<td>BU</td>
<td>Bus</td>
<td>POW</td>
<td>Prisoner of War</td>
</tr>
<tr>
<td>CI</td>
<td>City Owned</td>
<td>PP</td>
<td>Private Passenger Car</td>
</tr>
<tr>
<td>CO</td>
<td>Commercial</td>
<td>RE</td>
<td>Reciprocal (Or Reciprocity)</td>
</tr>
<tr>
<td>CY</td>
<td>County Owned</td>
<td>RF</td>
<td>Reserved Forces</td>
</tr>
<tr>
<td>DL</td>
<td>Dealer Owned</td>
<td>SB</td>
<td>School Bus</td>
</tr>
<tr>
<td>DP</td>
<td>Diplomatic</td>
<td>SM</td>
<td>Snowmobile</td>
</tr>
<tr>
<td>DU</td>
<td>Duplicate (use code only if plate indicates on its face that it is a Duplicate Plate)</td>
<td>ST</td>
<td>State Owned</td>
</tr>
<tr>
<td>DAV</td>
<td>Disabled Veteran</td>
<td>TK</td>
<td>Truck</td>
</tr>
<tr>
<td>FB</td>
<td>Franchise Bus</td>
<td>TM</td>
<td>Temporary Tags</td>
</tr>
<tr>
<td>FM</td>
<td>Farm Vehicle</td>
<td>TP</td>
<td>Transporter</td>
</tr>
<tr>
<td>HA</td>
<td>Handicapped</td>
<td>TR</td>
<td>Tractor (Plates Issued As Truck tractor)</td>
</tr>
<tr>
<td>IT</td>
<td>In Transit (Type Of Temporary Plate)</td>
<td>TL</td>
<td>Trailer (Boat, Cargo, House, Semi, Utility, etc.)</td>
</tr>
<tr>
<td>LE</td>
<td>Legislative</td>
<td>TX</td>
<td>Taxi</td>
</tr>
<tr>
<td>MC</td>
<td>Motorcycle (smaller plate size)</td>
<td>TY</td>
<td>Territory Limitations</td>
</tr>
<tr>
<td>MD</td>
<td>Moped</td>
<td>US</td>
<td>U.S. Government</td>
</tr>
<tr>
<td>MIA</td>
<td>Missing in Action</td>
<td>VT</td>
<td>Vanity or Special Tag</td>
</tr>
<tr>
<td>NG</td>
<td>National Guard Member (personally owned vehicle plates)</td>
<td>OT</td>
<td>Other</td>
</tr>
</tbody>
</table>

**VRGPLT**

plateTypeCode  type: string-code

---

**A.33.22  Registration Renewed Effective Date**

The date the registration was renewed.

**VRGREF**

renewedEffectiveDate  type: string-date

---

**A.33.23  Registration Renewed Expiration Date**

The date the renewed registration expires.

**VRGREX**

renewedExpirationDate  type: string-date
### A.33.24 Registration Status

The code depicting the most recent activity recorded for a registration.

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>Active</td>
</tr>
<tr>
<td>01</td>
<td>Canceled</td>
</tr>
<tr>
<td>02</td>
<td>Stolen</td>
</tr>
<tr>
<td>03</td>
<td>Expired</td>
</tr>
<tr>
<td>04</td>
<td>Revoked</td>
</tr>
<tr>
<td>05</td>
<td>Suspended</td>
</tr>
<tr>
<td>06</td>
<td>Swap</td>
</tr>
<tr>
<td>07</td>
<td>Inactive</td>
</tr>
<tr>
<td>99</td>
<td>No Status</td>
</tr>
</tbody>
</table>

**VRGSTA**

```
statusCode    type: string-code
```

**Source of Definition:** MVAs  
**Source of Data:** MVAs

### A.33.25 Registration Status Date

The date on which the registration status last changed.

**VRGSMT**

```
statusDate    type: sting-date
```

**Source of Definition:** MVAs  
**Source of Data:** MVAs

### A.33.26 Registration Type

An indicator describing the type of registration for a vehicle.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>P</td>
<td>Permanent</td>
</tr>
<tr>
<td>T</td>
<td>Temporary</td>
</tr>
</tbody>
</table>

**VRGTYP**

```
typeCode    type: string-code
```

**Source of Definition:**  MVA.  
**Source of Data:** Regrant.

### A.33.27 Registration Year

The ending year of the statutory registration period.  
Format as ccyy.

**VRG150**

```
year    type: string
```

**Source of Definition:** D20/79.  
**Source of Data:** The jurisdiction motor vehicle department; the applicable statute.  
**Synonyms:** Registration Ending Date.

**Logical Format (Type/Max Length): N/4**

### A.33.28 Reported Deposit Of Fees Indicator

**Source of Definition:** MVAs  
**Source of Data:** MVAs

**Logical Format (Type/Max Length): AN/2**
Used for registration renewals, the Reported Deposit of Fees (RDF) indicates that the registration fees are paid but the registration transaction cannot be completed.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Y</td>
<td>Is RDF</td>
</tr>
<tr>
<td>N</td>
<td>Is not RDF</td>
</tr>
</tbody>
</table>

**VRGRDF**

* rdfCode: type: string-code

**A.33.29 Vehicle License \ Registration Fee Exempt**

Coded reason why an owner may not have to pay a registration fee, vehicle license fee or weight.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>E</td>
<td>Exempt Organization</td>
</tr>
<tr>
<td>L</td>
<td>Leasing</td>
</tr>
<tr>
<td>M</td>
<td>Non Resident Military</td>
</tr>
<tr>
<td>O</td>
<td>Even Trade</td>
</tr>
<tr>
<td>P</td>
<td>Disabled</td>
</tr>
<tr>
<td>R</td>
<td>Indian Reservation</td>
</tr>
<tr>
<td>F</td>
<td>Specialized Transportation Vehicle</td>
</tr>
</tbody>
</table>

**VRGXMP**

* feeExemptCode: type: string-code

**A.33.30 Vehicle Registration Serial Number**

A code used to uniquely identify a registration certificate.

**VRGRSN**

* serialNumber: type: string

**A.34 Registration Sticker**

A sticker or decal on a vehicle used to show the registration is current. Some jurisdictions use stickers on the registration plate, others use stickers on the windshield.

**A.34.1 Registration Decal Month**

The month as shown on the registration decal issued.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>JAN</td>
<td>January</td>
<td>JUL</td>
<td>July</td>
</tr>
<tr>
<td>FEB</td>
<td>February</td>
<td>AUG</td>
<td>August</td>
</tr>
<tr>
<td>MAR</td>
<td>March</td>
<td>SEP</td>
<td>September</td>
</tr>
<tr>
<td>APR</td>
<td>April</td>
<td>OCT</td>
<td>October</td>
</tr>
</tbody>
</table>

Source of Definition: MVA
Source of Data: MVA
Synonyms: RDF

Logical Format (Type/Max Length): AN/1

Logical Format (Type/Max Length): A/1

Logical Format (Type/Max Length): AN/10
**VRGDMO**

decalMonthCode type: string-code

**A.34.2  Registration Decal Serial Number**

The identification number assigned to a sticker attached to a permanent registration plate when it is renewed for the current year.

**VRGDSN**

decalSerialNumber type: string

**A.34.3  Registration Decal Type**

A code that describes the type of decal used on a license plate.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>F</td>
<td>Full Year Decal</td>
</tr>
<tr>
<td>P</td>
<td>Partial Year Decal</td>
</tr>
<tr>
<td>R</td>
<td>Prorated Decal</td>
</tr>
<tr>
<td>2</td>
<td>2 Years</td>
</tr>
<tr>
<td>I</td>
<td>Infinite</td>
</tr>
</tbody>
</table>

**VRGDTTP**

decalTypeCode type: string-code

**A.34.4  Registration Decal Year**

The year as shown on the registration decal issued.

**VRGDYRP**

decalYear type: string

**A.34.5  Registration Sticker Number**

The alphanumeric characters as printed on the face of a registration plate sticker.

**VRGPSN**

stickerNumber type: string

**A.35  Reporting Entity**
An entity which reported a condition (brand) on a vehicle or applied a vehicle designation to a vehicle. Reports may come from Motor Vehicle Agencies, Insurance Carriers and Junk/Salvage Yards.

### A.35.1 Brander Code
A code to uniquely identify a brander (i.e., an entity applying a brand to a vehicle), which could be a state or a federal agency.

<table>
<thead>
<tr>
<th>Field</th>
<th>Description</th>
<th>Source of Definition</th>
<th>Source of Data</th>
<th>Logical Format (Type/Max Length)</th>
</tr>
</thead>
<tbody>
<tr>
<td>VBRDCD</td>
<td></td>
<td>NICB, AAMVA</td>
<td>Jurisdiction; NICB; NAIC</td>
<td>AN/7</td>
</tr>
<tr>
<td>branderId</td>
<td>type: string</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### A.35.2 Reporting Entity Address Line 1
The first line of the Street Address portion of a reporting entities address.

<table>
<thead>
<tr>
<th>Field</th>
<th>Description</th>
<th>Source of Definition</th>
<th>Source of Data</th>
<th>Logical Format (Type/Max Length)</th>
</tr>
</thead>
<tbody>
<tr>
<td>VREA</td>
<td></td>
<td>MVAs</td>
<td>Insurer; Junk/Salvage Yard</td>
<td>AN/35</td>
</tr>
<tr>
<td>L1</td>
<td>reportingEntity.address.line1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>type: string</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### A.35.3 Reporting Entity City
The city portion of a reporting entities address.

<table>
<thead>
<tr>
<th>Field</th>
<th>Description</th>
<th>Source of Definition</th>
<th>Source of Data</th>
<th>Logical Format (Type/Max Length)</th>
</tr>
</thead>
<tbody>
<tr>
<td>VREACT</td>
<td></td>
<td>MVAs</td>
<td>Insurer; Junk/Salvage Yard</td>
<td>AN/20</td>
</tr>
<tr>
<td></td>
<td>reportingEntity.address.city</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>type: string</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### A.35.4 Reporting Entity Email
An email address of a reporting entity.

<table>
<thead>
<tr>
<th>Field</th>
<th>Description</th>
<th>Source of Definition</th>
<th>Source of Data</th>
<th>Logical Format (Type/Max Length)</th>
</tr>
</thead>
<tbody>
<tr>
<td>VREEML</td>
<td></td>
<td>MVAs</td>
<td>Insurer; Junk/Salvage Yard</td>
<td>AN/60</td>
</tr>
<tr>
<td></td>
<td>reportingEntity.email</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>type: string</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### A.35.5 Reporting Entity Name
The name of an organization or person who reports on the state of a vehicle.

<table>
<thead>
<tr>
<th>Field</th>
<th>Description</th>
<th>Source of Definition</th>
<th>Source of Data</th>
<th>Logical Format (Type/Max Length)</th>
</tr>
</thead>
<tbody>
<tr>
<td>VRENAME</td>
<td></td>
<td>MVAs</td>
<td>Insurer; Junk/Salvage Yard</td>
<td>AN/50</td>
</tr>
<tr>
<td></td>
<td>reportingEntity.name</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>type: string</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### A.35.6 Reporting Entity State
The state portion of a reporting entities address.

<table>
<thead>
<tr>
<th>Field</th>
<th>Description</th>
<th>Source of Definition</th>
<th>Source of Data</th>
<th>Logical Format (Type/Max Length)</th>
</tr>
</thead>
<tbody>
<tr>
<td>VRENSTE</td>
<td></td>
<td>MVAs</td>
<td>Insurer; Junk/Salvage Yard</td>
<td>AN/50</td>
</tr>
<tr>
<td></td>
<td>reportingEntity.state</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
See the Jurisdiction Mail Abbreviation Values (on page 28) for the list of valid codes.

**VREAST**

`reportingEntity.address.state`  
**type:** `string`

**A.35.7 Reporting Entity Telephone**

A telephone number of a reporting entity.  
The number is held without a long-distance access prefix or extensions and without separators, e.g.: the number 1 703 522 1553 would be held as 7035221553.

**VREPHN**

`reportingEntity.phoneNo`  
**type:** `string`

**A.36 Test Organization**

A Jurisdiction or commercial agency involved with administering and/or performing CDL skills testing. Organizations include jurisdiction Motor Vehicle Agencies (MVAs), other jurisdiction/government agencies, and commercial Third Party Testers. Organizations have a location (physical address) where users are "assigned/located".

**A.36.1 Tester ID**

An identifier for a Tester Organization within a jurisdiction.

**DTRID**

`testerId`  
**type:** `string`

**A.36.2 Tester Type Code**

A categorization of the type of Tester Organization.

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>J</td>
<td>Jurisdiction</td>
</tr>
<tr>
<td>T</td>
<td>Third Party</td>
</tr>
</tbody>
</table>

**DTRTYP**

`testerTypeCode`  
**type:** `string-code`

**A.36.3 Number Of Examiners**

The number of full-time and part-time Examiners who administer tests for the Tester.

**DTRNEX**

`testerExaminerQuantity`  
**type:** `number-integer`
A.36.4 Number Skills Tests Anticipated Per Year

The number of CDL skills tests per year a Tester anticipates administering.

_DTRNYT_
testerAnualTestQuantity type: number-integer

A.36.5 Test Applicants Are General Public

An indicator to specify if test applicants are accepted from the general public.

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>true</td>
<td>Yes its true</td>
</tr>
<tr>
<td>false</td>
<td>No its false</td>
</tr>
</tbody>
</table>

_DTRAGP_
testerGeneralPublicTestCode type: string-code

A.36.6 Test Applicants Are Limited Public

An indicator to specify if test applicants are restricted to a limited portion of the public.

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>true</td>
<td>Yes its true</td>
</tr>
<tr>
<td>false</td>
<td>No its false</td>
</tr>
</tbody>
</table>

_DTRALP_
testerLimitedPublicTestCode type: string-code

A.36.7 Test Applicants Are Employees

An indicator to specify if test applicants are employees of the Tester Organization.

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>true</td>
<td>Yes its true</td>
</tr>
<tr>
<td>false</td>
<td>No its false</td>
</tr>
</tbody>
</table>

_DTRAEM_
testerTestsEmployeesCode type: string-code

A.36.8 Tester Application Date

The date of application the Third Party Tester submitted to participate in the system.

_DTRAPD_
testerApplicationDate type: string-date
A.36.9  Tester Contract Number

The contract number for the current CDL Third Party testing contract between the Tester and the jurisdiction.

**Source of Definition:** CSTIMS  
**Source of Data:** Testing Agency

### DTRCPN
testerContactPhoneNumber  type: string

A.36.10  Tester Contract Effective Date

The effective start date for the current CDL Third Party testing contract between the Tester and the jurisdiction.

**Source of Definition:** CSTIMS  
**Source of Data:** Testing Agency

### DTRCED
testerContactEffectiveDate  type: string-date

A.36.11  Tester Contract Expiration Date

The expiration date for the current CDL Third Party testing contract between the Tester and the jurisdiction.

**Source of Definition:** CSTIMS  
**Source of Data:** Testing Agency

### DTRCXD
testerContactExpirationDate  type: string-date

A.36.12  Tester Operational Start Date

The date when a Tester is authorized to start CDL testing operations in a jurisdiction.

**Source of Definition:** CSTIMS  
**Source of Data:** Testing Agency

### DTROSD
testerOperationalStartDate  type: string-date

A.36.13  Tester Principal Mailing Address

The principal mailing address of a Third Party Tester.

The address contains a number of sub-fields for holding the components of an address. The components are:

<table>
<thead>
<tr>
<th>Element</th>
<th>Format</th>
<th>Presence</th>
<th>Maximum Size of a short address</th>
<th>Tag</th>
</tr>
</thead>
<tbody>
<tr>
<td>Street Address Line 1</td>
<td>string</td>
<td>Required</td>
<td>20</td>
<td>line1</td>
</tr>
<tr>
<td>Street Address Line 2</td>
<td>string</td>
<td>Optional</td>
<td>20</td>
<td>line2</td>
</tr>
<tr>
<td>City (and/or foreign country)</td>
<td>string</td>
<td>Required</td>
<td>15</td>
<td>city</td>
</tr>
<tr>
<td>State Code</td>
<td>string</td>
<td>Optional</td>
<td>2</td>
<td>stateCode</td>
</tr>
<tr>
<td>ZIP Code</td>
<td>string</td>
<td>Optional</td>
<td>5</td>
<td>postalCode</td>
</tr>
<tr>
<td>ZIP +4</td>
<td>string</td>
<td>Optional</td>
<td>4</td>
<td>postalExtensionCode</td>
</tr>
</tbody>
</table>

**Source of Definition:** CSTIMS  
**Source of Data:** Testing Agency

### DTRMAD
Logical Format (Type/Max Length): AN/71
A.37  THEFT REPORT

Details about the theft of a vehicle or of parts of a vehicle.

A.37.1  Law Enforce Agency Holding Theft Report

The name of the law enforcement agency holding the theft report for a vehicle reported stolen.

**VVTLAW**

reportHolderAgencyName  type: string

A.37.2  Theft Status Date

The date the vehicle was reported stolen, or the date the theft was recorded.

**VVTDATE**

statusDate  type: string-date

A.37.3  Vehicle Theft Case Number

The originating agency's case number on the theft report.

**VVTNUM**

caseId  type: string

A.37.4  Vehicle Theft Recovery Date

A date a stolen vehicle was taken into custody by an enforcement agency.

**VVT010**

recoveryDate  type: string-date

A.38  TITLE

Source of Definition: NICB
Source of Data: Law Enforcement Agency; NICB
Logical Format (Type/Max Length): AN/35

Source of Definition: NICB
Source of Data: Law Enforcement; NICB Theft File
Logical Format (Type/Max Length): Date

Source of Definition: NCIC
Source of Data: NCIC
Logical Format (Type/Max Length): AN/20

Source of Definition: D20/79
Source of Data: Registered owner; Law enforcement agency.
Logical Format (Type/Max Length): Date
A title is the record of ownership of a vehicle (or other item) as recorded by jurisdictions pertaining to vehicles, vessels, etc. A paper title is the document which represents the title. The term "pink slip" sometimes is used as a name for title documents, it is a reference to California certificates of titles before 1988, when they were still pink.

While the title is the final record of ownership, there are periods when ownership is being transferred and the MVA has yet to record and issue a new paper title. The regulations in many jurisdictions recognize assignment or transfer of ownership documents as identifying the owner. The regulations vary, these reassignment may be details written on the assignment form on the back of a title or may be a separate paper document. Reassignments are common in the exchanges between:

- Automobile dealers and their customers (buyer or sellers)
- Automobile dealers and other automobile dealers.
- Automobile dealers and auctioneers.

Individual jurisdictions determine which information they include on the titles they issue. A jurisdictions paper title and/or an electronic title record, may contain some or all of the Title fields. It may also contain information about the Owner, Vehicle, Odometer, Registration, Purchase/Sale, Lien, Dealer and/or Agent.

A title can be identified by the jurisdiction code and title number, the VIN is optional when describing a given instance.

### A.38.1 Previous Title Number

The title number assigned to the vehicle or vessel by the previous titling jurisdiction. If the current titling jurisdiction reissues titles using new title numbers, the jurisdiction should retain those title numbers as Duplicate/Replacement Title Numbers.

**VTIPNU**

`previousTitle . titleNumber` type: string

**Source of Definition:** MVAs  
**Source of Data:** MVAs  
**Logical Format (Type/Max Length):** AN/17

### A.38.2 Previous Titling Jurisdiction

The U.S. Postal code or the code for Canada or Mexico for the jurisdiction that titled the vehicle or vessel immediately prior to the current titling jurisdiction.

**VTIPJU**

`previousTitle . sot` type: string

**Value**  |  **Description**  
--- | ---
OT | Other

**Source of Definition:** MVAs  
**Source of Data:** MVAs  
**Logical Format (Type/Max Length):** AN/2

### A.38.3 Title Issue Date

The date the jurisdiction's titling authority issued a title to the owner of the vehicle.

**VTIIA**

**Source of Definition:** MVAs  
**Source of Data:** MVAs  
**Logical Format (Type/Max Length):** Date
### A.38.4 Title Issued From MCO Indicator

An indication that a given title was issued from an MCO (i.e. a new vehicle which has never had a title before). MCOs are the normal proof of ownership for new vehicles.

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>true</td>
<td>A MCO was presented as the proof of ownership</td>
</tr>
<tr>
<td>false</td>
<td>Other document(s) were presented as proof of ownership</td>
</tr>
</tbody>
</table>

VTIMCO
titleMcoIndicator type: boolean

### A.38.5 Titling Jurisdiction

The U.S. Postal code for the jurisdiction that issued the title document, or the code used for Canada or Mexico.

See the **Jurisdiction Code Values** (on page 27) for the list of valid codes.

VTIJUR
tsot type: string

### A.38.6 Title Lien Indicator

This field indicates whether a lien exists on the vehicle.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Y</td>
<td>Lien exists</td>
</tr>
<tr>
<td>N</td>
<td>No lien exists</td>
</tr>
</tbody>
</table>

VTILII
hasLien type: string-code

### A.38.7 Title Number

A unique set of alphanumeric characters assigned to the certificate of title of a vehicle (or vessel). Assigned by the titling jurisdiction.

VTINUM
titleNumber type: string

### A.38.8 Title Status

A code depicting the status of the title.
### VTISTA

statusTypeCode  

type: string

#### A.38.9  Title Status Date

The date the title status was assigned.

statusDate  

type: string-date

#### A.38.10  Title Transaction Date

This field contains the date that a change was made to a title by the jurisdiction.

transactionDate  

type: string-date

#### A.38.11  Title Transaction Reason

A code depicting the reason for a change to the title.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>Additional to Data</td>
</tr>
<tr>
<td>02</td>
<td>Correction to Data</td>
</tr>
</tbody>
</table>

Source of Definition: MVA.  
Source of Data: MVA.
Appendix A: Data Dictionary

VTITTR
changeCode
type: string-code

A.38.12 Title Type

A code depicting the kind or category of title issued.  

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Original</td>
</tr>
<tr>
<td>2</td>
<td>Duplicate/Replacement</td>
</tr>
<tr>
<td>3</td>
<td>Salvage</td>
</tr>
</tbody>
</table>

VTITYP
documentTypeCode
type: string-code

A.39 VEHICLE

MVAs primarily register and title motorized vehicles which operate on public roads. However some MVAs are also responsible for registering and titling watercraft. So this group includes definitions for both land vehicles and watercraft.

The MCO (Manufacturer's Certificate of Origin) may be source of some of the vehicle data.

Most road vehicles are uniquely identified by their Vehicle Identification Number (VIN). A small percentage of VINs are not unique, which may lead to duplicate VINs recorded on state files.

Vehicles are commonly categorized by their Make and Model or by their Make, Model and Year. The manufacturers may also categorize their vehicles by Make, Model, Line, Series and Body-type.

A.39.1 Alternate Model Year

The alternate model year of a vehicle. The format is CCYY.

Usage Note: Manufacturers may make small changes to a vehicle from one year to the next (e.g. change the grill design). So a vehicle with a small update could have parts from another year installed. The alternate model year is used to record a year different to the vehicles official model year.

VVHAYE
alternateModelYear
type: string

A.39.2 Axle Spacing

The distance between the extremes of any group of axles measured from the center of the first axle in the group to the center of the last axle in the group.  

The distance is expressed in feet (or decimeters in jurisdictions using metric measurements), rounded to a whole number.

Logical Format (Type/Max Length): AN/4

Source of Definition: Manufacturer.
Source of Data: Departmental of Motor Vehicles.

Source of Definition: D20/79.
Source of Data: Vehicle manufacturer; Registrant.
Synonyms: Distance between axles; Numbers of axles.

Logical Format (Type/Max Length): N/3
## A.39.3 Commercial Vehicle Seats

The rated seat capacity of a commercial vehicle designed for transportation of passengers (i.e., a bus).

**Usage Note:** Federal regulation 49 CFR 383.91, 49 CFR 350.105 and 49 CFR 390.5, determine the commercial class of a vehicle and use the seating capacity in this determination. These regulations have different seating capacities, so it is important to know the number of seats.

### Logical Format (Type/Max Length): N/3

### Source of Definition: D20/79.
### Source of Data: Vehicle manufacturer.
### Synonyms: Seating Capacity; Bus Rated Seat Capacity.

## A.39.4 Commercial Vehicle/Trailer Model Identifier

A number or a name given by a manufacturer to a group of vehicles with similar size, shape, configuration or structure.

### Logical Format (Type/Max Length): 6/AN.

### Source of Definition: D20/79.
### Source of Data: The registrant or manufacturer.

## A.39.5 Commercial Vehicle Width

The overall width of a commercial vehicle (e.g., single-unit truck, truck combination) excluding side mirrors, tire bulge and other approved safety devices, such as placards for hazardous material loads.

The width is expressed in inches (or centimeters in jurisdictions using metric measurements), rounded to a whole number.

The Surface Transportation Assistance Act (STAA) of 1982 set the normal maximum allowable width of vehicles operating on Interstates or the National Network of roadways. The maximum width is 102 inches, except in Hawaii where it is 108 inches. An oversize permit is required for wider vehicles operating on an interstate and states may require oversize permits for operating on other roads.

### Logical Format (Type/Max Length): N/3.

### Source of Definition: D20/79.
### Source of Data: Registrant.

## A.39.6 Commercial Vehicle Type

The type of vehicle operated for the transportation of persons or property in the furtherance of any commercial or industrial enterprise, for hire or not for hire. Not all states will use all values.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AU</td>
<td>Automobile</td>
</tr>
<tr>
<td>BU</td>
<td>Bus (Transit or Coach)</td>
</tr>
<tr>
<td>CG</td>
<td>Converter gear</td>
</tr>
<tr>
<td>MC</td>
<td>Motorcycle</td>
</tr>
</tbody>
</table>

### Source of Definition: D20/79; Descriptions are based on definitions in D16/89, 3.9.2. Codes based in part on NCIC codes.
### Source of Data: Registration plate; Registration, MVA.
### Synonyms: Vehicle/Vessel Body Type.
SB School Bus
SE Semitrailer (tractor with single trailer)
ST Single-unit (straight) truck
TC Truck combination (multiple trailers)
TL Full trailer
TT Truck tractor
OT Other vehicle

**VVHCTY**
commercialVehicleTypeCode type: string-code

### A.39.7 Gross Vehicle Weight

A value specified by the manufacturer for a single-unit truck, truck tractor, or trailer. In the absence of a value specified by the manufacturer, an estimate of the gross vehicle weight of a fully loaded unit may be substituted.

Alternate Definition: A Gross Vehicle Weight, (GVW) is a vehicle’s actual weight, including accessories, passengers and cargo. The GVW of a vehicle changes as the vehicle is loaded and unloaded. When towing a trailer, the entire weight of the trailer is not considered to be a part of the vehicle’s GVW; however, the weight of the part of the trailer that actually attaches to the trailer hitch is part of the vehicle’s GVW.

Usage Note: Not to be confused with Gross Vehicle Weight Rating.

**VVHGWW**
grossLadenSumWeight type: number-integer

### A.39.8 Gross Combination Weight Rating

A value specified by the manufacturer as the loaded weight of a combination vehicle. That is the sum of the GVWR values specified by the manufacturer for a loaded truck tractor and any loaded trailers it will tow.

49 CFR 383.5 and 390.5 specify: Gross combination weight rating (GCWR), is the greater of:

1. A value specified by the manufacturer of the power unit, if such value is displayed on the Federal Motor Vehicle Safety Standard (FMVSS) certification label required by the National Highway Traffic Safety Administration, or
2. The sum of the gross vehicle weight ratings (GVWRs) or the gross vehicle weights (GVWs) of the power unit and the towed unit(s), or any combination thereof, that produces the highest value. Exception: The GCWR of the power unit will not be used to define a commercial motor vehicle when the power unit is not towing another vehicle.

**VVHCVW**
gcwr type: number-integer

### A.39.9 Gross Vehicle Weight Rating

A vehicle has only one vehicle Gross Vehicle Weight Rating (GVWR), which is assigned at the point of manufacture. It represents the greatest allowable load for that vehicle, including trailers.
Usage Note: Safety is the primary reason for the GVWR of a vehicle, so a vehicle should never be loaded beyond the manufacturer's listed GVWR.

There are a number of factors that determine the GVWR such as spacing of axles, number of tires, size of tires, capacity of the suspension and take into account the base curb weight of the vehicle plus the weight of any optional accessories, cargo, passengers and the tongue weight of a trailer. U.S. law 49 CFR 571.3 requires the manufacturers to set the appropriate GVWR and requires NHTSA to test vehicles operate safely within the specified GVWR. 145 CFR 145.4051 specifies taxes due on heavy trucks and trailers sold at retail, its rules provide direction on how the GVWR is calculated. When the manufacturer sets a GVWR value lower than the taxable GVWR, the manufacturer must maintain adequate records of the calculations that support their rationale.

49 CFR 567.4 requires manufacturers to post the GVWR in the Vehicle ID Plate. This rule specifies where the plate is to be located, for trucks and cars the preferred location is on inside the vehicle's door frame on the B-pillar.

**VVHVWR**

`gvwr` type: number-integer

**A.39.10 Hazardous Materials, Placard**

An indication of whether a motor vehicle had a hazardous materials placard as required by federal regulations.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Yes, Hazardous Materials Placards</td>
</tr>
<tr>
<td>2</td>
<td>No, No Hazardous Materials Placards</td>
</tr>
<tr>
<td>9</td>
<td>Unknown</td>
</tr>
</tbody>
</table>

**VVHHMP**

`hazmatPlacardCode` type: string-code

**A.39.11 Insurance Verification**

A code depicting whether the vehicle is insured or not.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Y</td>
<td>Yes, vehicle is insured</td>
</tr>
<tr>
<td>N</td>
<td>No, vehicle is not insured</td>
</tr>
</tbody>
</table>

**VINVER**

`insuredCode` type: string-code

**A.39.12 Lease Indicator**

This field defines whether the vehicle is leased.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Y</td>
<td>Yes, vehicle is leased</td>
</tr>
<tr>
<td>Blank</td>
<td>No, vehicle is not leased</td>
</tr>
</tbody>
</table>

*Usage Note:* If leased, the owner name is the name of the vehicle lessee.

**VOWIND**

`leaseCode` type: string-code
A.39.13 Manufacturers Statement Of Origin Indicator (MSO)

Indicates whether there is a manufacturer’s statement of origin. A manufacturer’s certificate of origin (MCO) is another name for this document.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Y</td>
<td>It is an MSO</td>
</tr>
<tr>
<td>N</td>
<td>It is not an MSO</td>
</tr>
</tbody>
</table>

Source of Definition: MVA.
Source of Data: MVA.
Synonyms: MSO, MCO, Manufacturers Certificate of Origin.

A.39.14 Vehicle Brake Type Code

A classification of the mechanism used by a motor vehicle to reduce its speed or stop.

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
<th>Restriction on CDL</th>
</tr>
</thead>
<tbody>
<tr>
<td>AB</td>
<td>Air Brakes</td>
<td>No restriction</td>
</tr>
<tr>
<td>AH</td>
<td>Partial Air Brakes</td>
<td>No full air brake equipped CMV (Z)</td>
</tr>
<tr>
<td>HB</td>
<td>No Air Brakes</td>
<td>No air brakes equipped CMV restriction (L)</td>
</tr>
</tbody>
</table>

Usage Note: Light vehicles (cars and light trucks) mostly use hydraulic pressure, while heavy vehicles (truck and trailers) use air pressure to control their brakes. Other mechanisms are rare, so do not have a categorization at this time.

A.39.15 Vehicle Brand Status

A code describing the most adverse condition as reported by the vehicle manufacturer.

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>space</td>
<td>No other choice is appropriate.</td>
</tr>
<tr>
<td>1</td>
<td>Unused: VIN number was created but has not been issued to a vehicle.</td>
</tr>
<tr>
<td>2</td>
<td>Stolen from Lot: Vehicle has been stolen from the Dealer Lot.</td>
</tr>
<tr>
<td>3</td>
<td>Destroyed: Vehicle has been destroyed.</td>
</tr>
<tr>
<td>4</td>
<td>Scrapped: Parts may have been removed to be used elsewhere.</td>
</tr>
<tr>
<td>5</td>
<td>Incorrect: This is used when the paperwork on a vehicle has an error, but all markings on the vehicle are correct.</td>
</tr>
<tr>
<td>6</td>
<td>Stamping Error: This is used when a vehicle part is stamped incorrectly.</td>
</tr>
<tr>
<td>7</td>
<td>Stolen Plate: This is used to show that a VIN plate has been stolen.</td>
</tr>
<tr>
<td>8</td>
<td>Flood damage: This is used when a vehicle has flood damage.</td>
</tr>
<tr>
<td>9</td>
<td>Un-scraped: This is used when a previously &quot;scraped vehicle&quot; has been repaired for use again.</td>
</tr>
<tr>
<td>A</td>
<td>Fire damage: This is used when a vehicle has been burned.</td>
</tr>
</tbody>
</table>

Source of Definition: Manufacturer
Source of Data: Manufacturer; MCO
Synonym: VIN Tag Status
### Value

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>B</td>
<td>Replacement: This is used when a vehicle part has been replaced. This can be used also for replacement notification on VIN plate.</td>
</tr>
<tr>
<td>C</td>
<td>Donated Vehicle: This is used when a vehicle is donated to a business or school.</td>
</tr>
<tr>
<td>D</td>
<td>Test Vehicle: This is used when a vehicle is to be used for test purposes only.</td>
</tr>
<tr>
<td>E</td>
<td>Conditional Record: This is used when mandatory fields in the shipping record are blank.</td>
</tr>
<tr>
<td>I</td>
<td>Info only: This is used when additional information is available on the vehicle that has no field in the shipping record to use.</td>
</tr>
<tr>
<td>J</td>
<td>Dismantled: This is used when a vehicle is dismantled and issued a &quot;scrap title&quot;.</td>
</tr>
</tbody>
</table>

### VVHBRD

**brandStatusCode**  
*type*: string-code

### A.39.16 Vehicle Change Reason

This field contains a code to comment on the most recent change to a vehicle or vessel record.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>Addition to Vehicle/Vessel Data</td>
</tr>
<tr>
<td>02</td>
<td>Correction to Vehicle/Vessel Data</td>
</tr>
</tbody>
</table>

### VVHCVD

**changeCode**  
*type*: string-code

### A.39.17 Vehicle Commercial Class Code

A categorization of a commercial vehicle and its trailers.

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Class &quot;A&quot; vehicles [49 CFR 383.91(a)(1)]</td>
</tr>
<tr>
<td>B</td>
<td>Class &quot;B&quot; vehicles [49 CFR 383.91(a)(2)]</td>
</tr>
<tr>
<td>C</td>
<td>Class &quot;C&quot; vehicles [49 CFR 383.91(a)(3)]</td>
</tr>
<tr>
<td>M</td>
<td>Class &quot;M&quot; vehicles - Motorcycles, Mopeds, Motor-driven Cycles (class M is being retired as a Commercial Class).</td>
</tr>
</tbody>
</table>

See **Commercial Class Definition** (on page 23) for the detailed definition and examples of the commercial class codes.

### VVHCCC

**commercialClassCode**  
*type*: string-code

### A.39.18 Vehicle Disposition Code

The disposition (e.g. sold as salvage, scrapped) of the vehicle as documented by the insurer, junk or salvage yard.

*Source of Definition:* MVAs  
*Source of Data:* Insurance Carrier or Junk/Salvage Yard
### Value Disposition Codes

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
<th>Source of Data</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRUSH</td>
<td>Crushed. Vehicle was crushed so as to render it in such a condition that it can never be used or rebuilt for use as an automobile.</td>
<td>Junk and Salvage Yard</td>
</tr>
<tr>
<td>PARTS</td>
<td>Dismantled for Parts. Vehicle has been rendered inoperable for on-road use, is available for parts, but has not been scrapped, crushed, or sold.</td>
<td>Junk and Salvage Yard</td>
</tr>
<tr>
<td>SCRAP</td>
<td>Scrapped. Vehicle has been processed into scrap metal by shredding, shearing, fragmenting, baling or similar means so as to render it in such a condition that it can never be used or rebuilt for use as an automobile.</td>
<td>Junk and Salvage Yard</td>
</tr>
<tr>
<td>RETAINED</td>
<td>Owner Retained. Reported vehicle was subsequently retained by owner.</td>
<td>Insurance Carrier, Junk and Salvage Yard</td>
</tr>
<tr>
<td>SALVAGE</td>
<td>Salvage (i.e. total loss). Vehicle has been determined total loss/salvage by an insurance company.</td>
<td>Insurance Carrier (or anyone acting on their behalf)</td>
</tr>
<tr>
<td>SOLD</td>
<td>Sold. Title of an operable or potentially operable vehicle has been transferred by sale.</td>
<td>Junk and Salvage Yard</td>
</tr>
</tbody>
</table>

If disposition is unknown at the time of reporting, no code is used.

**VVHDIC**

| vehicleDispositionCode | type: string-code |

### A.39.19 Vehicle Emissions Inspection Count

The number of times a vehicle goes through an emissions inspection.  
**Source of Definition:** MVA.  
**Source of Data:** Inspector, MVA.

**VISICT**

| emissionsInspectionQuantity | type: number-integer |

### A.39.20 Vehicle Engine Displacement

The volume, in cubic centimeters (cc) of a vehicle internal combustion engine. Use a value of zero for electric engines.  
**Source of Definition:** D20 /79.  
**Source of Data:** Vehicle manufacturer.  
**Synonyms:** Engine Displacement, Motorcycle.

**VVHEND**

| displacement | type: number-integer |

### A.39.21 Vehicle Fuel Type

This field describes the type of fuel or motive power used to propel a vehicle or vessel.  
**Source of Definition:** D20  
**Source of Data:** Manufacturer, registrant

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Gasohol</td>
<td>K</td>
<td>Kerosene</td>
</tr>
<tr>
<td>C</td>
<td>Compressed Natural Gas</td>
<td>L</td>
<td>Liquefied Petroleum Gas (Butane &amp; Propane)</td>
</tr>
<tr>
<td>D</td>
<td>Diesel</td>
<td>N</td>
<td>Liquefied Natural Gas</td>
</tr>
<tr>
<td>Value</td>
<td>Description</td>
<td>Value</td>
<td>Description</td>
</tr>
<tr>
<td>-------</td>
<td>-------------</td>
<td>-------</td>
<td>-------------</td>
</tr>
<tr>
<td>E</td>
<td>Electric</td>
<td>O</td>
<td>Other</td>
</tr>
<tr>
<td>G</td>
<td>Gasoline</td>
<td>S</td>
<td>Steam</td>
</tr>
<tr>
<td>H</td>
<td>Hybrid</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**VVHFTY**

`fuelTypeCode`  
type: string-code

**A.39.22 Vehicle Garage Location ID**

A jurisdiction-assigned code signifying the city/town/county where a vehicle is garaged.

**VVHGAR**

`garageLocationId`  
type: string

**Logical Format (Type/Max Length): AN/1**

**Source of Definition:** MVA.  
**Source of Data:** Residential address, if not available, mailing address.

**A.39.23 Vehicle Gross Axle Weight Rating**

A weight specified by the manufacturer as the load carrying capacity of a single axle system, as measured at the ground-tire interface. The GWAR includes the weight of the vehicle (be it a car truck or trailer), passengers, cargo and even trailer tongue weight (if applicable). It is not uncommon for front and rear axles to have different GAWRs. 49 CFR 567.4 requires manufacturers to post the GWAR in the Vehicle ID plate. The rule specifies where the plate is to be located, for cars and trucks the preferred location is inside the vehicle’s door frame on the B-pillar. Safety is the primary reason for manufacturers to place a limit on how much weight each axle can carry, so each individual axle of a vehicle should never be loaded beyond the manufacturers listed GAWR.

**VVHGAW**

`grossAxleWeightRating`  
type: number-integer

**Logical Format (Type/Max Length): N/9**

**Source of Definition:** 49 CFR 571.3; 49 CFR 576.4  
**Source of Data:** MVA  
**Synonym:** GAWR

**A.39.24 Vehicle Gross Curb Weight**

A weight of a motor vehicle with standard equipment; maximum capacity of engine fuel, oil, and coolant; and, if so equipped, air conditioning and additional weight optional engine. Passengers, cargo and other items are not included in this weight. In an RV, equipment fluids such as tanks of water and propane are counted in this weight.

**VVHCWE**

`grossCurbWeight`  
type: number-integer

**Logical Format (Type/Max Length): N/9**

**Source of Definition:** MVA.  
**Source of Data:** MVA.

**A.39.25 Vehicle Gross Operating Weight**

The unladen weight of the vehicle (e.g., single-unit truck, truck combination) plus the weight of the load being carried at a specific point in time.

**Logical Format (Type/Max Length): N/9**

**Source of Definition:** D20/79. D16/89-2.2.20 (gross weight).  
**Source of Data:** Registrant; weigh station scales.  
**Synonyms:** Operating Weight.
**VVH011**

operatingWeight  type: number-integer

---

**A.39.26 Vehicle History Indicator**

A code indicating whether additional data is contained in a separate file.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>None</td>
</tr>
<tr>
<td>1</td>
<td>Inspection</td>
</tr>
<tr>
<td>2</td>
<td>Manufacturer's recall</td>
</tr>
<tr>
<td>3</td>
<td>Crashes</td>
</tr>
<tr>
<td>4</td>
<td>Stolen</td>
</tr>
<tr>
<td>6</td>
<td>All</td>
</tr>
<tr>
<td>7</td>
<td>Other</td>
</tr>
</tbody>
</table>

**VVHHFI**

historyCode  type: string-code

---

**A.39.27 Vehicle Horsepower**

The energy capacity of the vehicle.

**VVHHPW**

horsepower  type: number-integer

---

**A.39.28 Vehicle Identification Number**

A unique combination of alphanumeric characters that identifies a specific vehicle or component. The VIN is affixed to the vehicle in specific locations and formulated by the manufacturer. State agencies under some controlled instances may assign a VIN to a vehicle. This field is left justified and represents the format for VINs created subject to the 1982 17-character format.

*Usage Note:* Before adopting the 1982 standard, some truck manufacturers used VINs longer than 17 characters. If the VINs of older vehicles need to be supported, AAMVA recommends allowing for VINs up to 30 characters long.

**VVHVIN**

vin  type: string

---

**VIN 17-Character Format**

In 1982, National Highway Traffic Safety Administration (NHTSA) established a standard format for Vehicle Identification Numbers (VINs). Below is a synopsis of the standard. For the official description, see NHTSA Title 49 Part 565.

The characters used in a VIN are:

ABCDEFGHJKLMNPRSTUVWXYZ20123456789

Standard 17-character VINs have the following format:
### Position Dictionary

<table>
<thead>
<tr>
<th>Position</th>
<th>Description</th>
<th>Group</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Country where manufactured</td>
<td>World Manufacturer Identifier</td>
</tr>
<tr>
<td>2-3</td>
<td>Manufacturer and make or model</td>
<td></td>
</tr>
<tr>
<td>4-8</td>
<td>Vehicle description</td>
<td>Vehicle Descriptor Section</td>
</tr>
<tr>
<td>9</td>
<td>Check digit</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Year manufactured</td>
<td>Vehicle Identifier Section</td>
</tr>
<tr>
<td>11</td>
<td>Assembly plant</td>
<td></td>
</tr>
<tr>
<td>12-17</td>
<td>Serial or sequential number</td>
<td></td>
</tr>
</tbody>
</table>

**Position 1**, country where manufactured, is a code assigned by the Society of Automotive Engineers (SAE). The most common alphanumeric codes are listed below. Additional codes may be added when needed by a new or existing country.

1. U.S.A.  
2. Canada  
3. Mexico  
4. U.S.A.  
5. U.S.A.  
6. Australia 
7. Brazil  
8. J. Japan 
9. K. Korea 
10. L. Taiwan  
11. S. U.K.  
12. V. France 
13. W. Germany 
14. Y. Sweden 
15. Z. Italy

**Positions 2 and 3**, manufacturer and make or model, is an alphanumeric code assigned by the SAE.

**Positions 4-8**, vehicle description, are codes assigned by the manufacturer. The format of the description is broken down by vehicle type. The format of each is described using 'A' (alphabetic), '9' (numeric) and 'X' (alphanumeric).

<table>
<thead>
<tr>
<th>Type</th>
<th>Format</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
</tr>
</thead>
<tbody>
<tr>
<td>Passenger Cars</td>
<td>AA99X</td>
<td>Line</td>
<td>Series</td>
<td>Body type</td>
<td>Engine type</td>
<td>Restraints</td>
</tr>
<tr>
<td>Multi-purpose passenger vehicle</td>
<td>AA99X</td>
<td>Line</td>
<td>Series</td>
<td>Body type</td>
<td>Engine type</td>
<td>GVWR</td>
</tr>
<tr>
<td>Bus</td>
<td>XXXXX</td>
<td>Line</td>
<td>Series</td>
<td>Body type</td>
<td>Engine type</td>
<td>Braking system</td>
</tr>
<tr>
<td>Incomplete vehicle</td>
<td>XXXXX</td>
<td>Line</td>
<td>Series</td>
<td>Cab type</td>
<td>Engine type</td>
<td>Braking system</td>
</tr>
<tr>
<td>Truck of 10,000 lbs. or less</td>
<td>AA99X</td>
<td>Line, series and/or model</td>
<td>Cab type, chassis and/or engine type</td>
<td>Brake system and/or GVWR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Truck over 10,000 lbs.</td>
<td>XXXXX</td>
<td>Line</td>
<td>Series</td>
<td>Cab type, chassis and/or engine type</td>
<td>Brake system and/or GVWR</td>
<td></td>
</tr>
<tr>
<td>Trailer</td>
<td>XXXXX</td>
<td>Trailer type</td>
<td>Body type</td>
<td>Length</td>
<td>Axel config.</td>
<td></td>
</tr>
<tr>
<td>Motorcycle</td>
<td>XXXXX</td>
<td>Motorcycle type</td>
<td>Line</td>
<td>Engine type</td>
<td>Horsepower</td>
<td></td>
</tr>
</tbody>
</table>

**Position 9**, check digit, contains either a number or 'X'. The check digit matches the value calculated from the rest of the VIN. The check digit is calculated as follows:

1. Convert any letters to numbers
   - Number: 1 2 3 4 5 6 7 8 9 1 2 3 4 5 6 7 8 9 2 3 4 5 6 7 8 9

2. Multiply the number derived from each column by a weighting factor. The factors are:
   - Position: 1 2 3 4 5 6 7 8 - 10 11 12 13 14 15 16 17
   - Factor:  8 7 6 5 4 3 2 10 – 9 8 7 6 5 4 3 2
3. Add the resulting products and divide by 11.
4. The remainder is the check digit. If the remainder is 10, the check digit is 'X'.

**Position 10**, year manufactured, is a code that is repeated every 30 years. The codes are:

<table>
<thead>
<tr>
<th>Code</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>1980, 2010, 2040, or 2070, etc.</td>
</tr>
<tr>
<td>B</td>
<td>1981</td>
</tr>
<tr>
<td>C</td>
<td>1982</td>
</tr>
<tr>
<td>D</td>
<td>1983</td>
</tr>
<tr>
<td>E</td>
<td>1984</td>
</tr>
<tr>
<td>F</td>
<td>1985</td>
</tr>
<tr>
<td>G</td>
<td>1986</td>
</tr>
<tr>
<td>H</td>
<td>1987</td>
</tr>
<tr>
<td>J</td>
<td>1988</td>
</tr>
<tr>
<td>K</td>
<td>1989</td>
</tr>
<tr>
<td>L</td>
<td>1990</td>
</tr>
<tr>
<td>M</td>
<td>1991</td>
</tr>
<tr>
<td>N</td>
<td>1992</td>
</tr>
<tr>
<td>P</td>
<td>1993</td>
</tr>
<tr>
<td>R</td>
<td>1994</td>
</tr>
<tr>
<td>S</td>
<td>1995</td>
</tr>
<tr>
<td>T</td>
<td>1996</td>
</tr>
<tr>
<td>V</td>
<td>1997</td>
</tr>
<tr>
<td>W</td>
<td>1998</td>
</tr>
<tr>
<td>X</td>
<td>1999</td>
</tr>
<tr>
<td>Y</td>
<td>2000</td>
</tr>
<tr>
<td>1</td>
<td>2001</td>
</tr>
<tr>
<td>2</td>
<td>2002</td>
</tr>
<tr>
<td>3</td>
<td>2003</td>
</tr>
<tr>
<td>4</td>
<td>2004</td>
</tr>
<tr>
<td>5</td>
<td>2005</td>
</tr>
<tr>
<td>6</td>
<td>2006</td>
</tr>
<tr>
<td>7</td>
<td>2007</td>
</tr>
<tr>
<td>8</td>
<td>2008</td>
</tr>
<tr>
<td>9</td>
<td>2009</td>
</tr>
</tbody>
</table>

**Position 11**, assembly plant, is an alphanumeric code assigned by the manufacturer.

**Position 12-17**, serial or sequential number, is assigned by the manufacturer. Positions 12 & 13 are alphanumeric and 14 to 17 are numeric.

**VIN Location**

The VIN is affixed to the vehicle in specific locations and formulated by the manufacturer. The most common location is on the top of the dashboard, positioned so it can be read through the windshield. Some manufacturers affix the VIN to the vehicle in multiple locations.

1. Top of dashboard on driver side, visible through windshield.
2. Trunk, under spare tire.
3. Driver door jam, visible when door open
4. Back wheel well
5. Stamped on front end of frame
6. Front of engine block

The VIN is also recorded on a vehicle’s title, registration, guarantee/maintenance book and on the declarations page of an auto insurance policy.

**A.39.29 Vehicle Invoice Date**

The date the vehicle was invoiced by the manufacturer to the purchaser.

*Source of Definition: MCO*

*Source of Data: Manufacturer*

*Logical Format (Type/Max Length): Date*
**A.39.30 Vehicle / Hull ID Number**

A unique combination of alphanumeric characters that identifies a specific vehicle or vessel. The VIN is affixed to the vehicle in specific locations and formulated by the manufacturer. State agencies under some controlled instances may assign a VIN to a vehicle. This field is left justified and is large enough to accommodate VINs created before the 1982 standard of 17 characters.

*Usage Note:* For VINs issued after 1981, see NHTSA Title 49 Part 565 for the format and procedures. Most VINs issued before 1982 were 17 characters or less, but some VINs were longer (mostly issued by U.S. truck manufacturers).

**VVHIND**

invoiceDate type: `string-date`

**VVHIDN**

vin type: `string`

**A.39.31 Vehicle Invoice Number**

The manufacturer-assigned number affixed to the paperwork when the manufacturer ships the vehicle.

**VVHINN**

invoiceNumber type: `string`

**A.39.32 Vehicle Length**

The overall length (measured in feet or decimeters) of a vehicle (single-unit or truck combination) measured from the front bumper to the rear of the vehicle.

**VVHLEN**

length type: `number-integer`

**A.39.33 Vehicle License Fee Class**

Class assigned to a vehicle for future fee.

**VVHLFC**

feeClassCode type: `string`

**A.39.34 Vehicle Make**

Source of Definition: MVA, D20/79.

Source of Data: MVA, Vehicle manufacturer; inspector or registrant.

Logical Format (Type/Max Length): N/6
The distinctive (coded) name applied to a group of vehicles by a manufacturer.


### A.39.35 Vehicle Model

A code denoting a family of vehicles (within a make) which has a degree of similarity in construction, such as body, chassis, etc. A Vehicle Model is an identifier that a manufacturer applies to a family of vehicles of the same type, make, line, series and body type (ref: 49 CFR 565.12).

**Usage Note:** This field does not always contain a universal standard code, it may contain a non-standard code taken from a MCO.

The best practice for coding the data is to use the NCIC VMO code list. The NCIC code values are listed in the Vehicle section of the [NCIC Code Manual](https://www.aamva.org/vehicles/national-crime-information-center-(ncic)-code-manual). The NCIC VMO codes are only unique for a given manufacturer, e.g. INT can be used for an "Acura Integra" or a "Jensen Interceptor".

### A.39.36 Vehicle Model Year

A four digit year, which is assigned to a vehicle by the manufacturer.

For the purposes of 49 CFR 565.12, the year used to designate a discrete vehicle model, irrespective of the calendar year in which the vehicle was actually produced, provided that the production period does not exceed 24 months.

### A.39.37 Vehicle Motorcycle Mirror Quantity

The number of mirrors on a motorcycle.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>None</td>
</tr>
<tr>
<td>1</td>
<td>One</td>
</tr>
<tr>
<td>2</td>
<td>Two</td>
</tr>
<tr>
<td>3</td>
<td>More</td>
</tr>
<tr>
<td>8</td>
<td>Not Available</td>
</tr>
</tbody>
</table>

### VVHMMQ

**mirrorQuantity**

type: string-code

**Logical Format (Type/Max Length):** N/1
### A.39.38 Vehicle MSRP

The Manufacturer’s Suggested Retail Price, includes the manufacturer-installed standard equipment and suggested delivery and handling, excluding transportation, state, and local taxes. MSRP is rounded to the nearest whole number.

**Source of Definition:** D20/79; National Automobile Dealers Association  
**Source of Data:** Manufacturer; Registrant; Factory bill of sale

<table>
<thead>
<tr>
<th>Variable</th>
<th>Description</th>
<th>Type</th>
<th>Logical Format (Type/Max Length)</th>
</tr>
</thead>
<tbody>
<tr>
<td>msrp</td>
<td>Vehicle MSRP</td>
<td>number-integer</td>
<td>N/6</td>
</tr>
</tbody>
</table>

### A.39.39 Vehicle Nominal Ton Rate

An approximate maximum load weight intended for the vehicle to transport, commonly applied to vans, pickups and single-unit trucks. e.g. "half ton".

Usage Note: When domestic light-duty trucks were first produced, they were rated by their payload capacity in tons (e.g., a 1-ton truck could carry 2,000 lb.). Since the 1960s, the payload capacities for most domestic pickup trucks have increased while the nominal ton title has stayed the same.

**Source of Definition:** Manufacturer  
**Source of Data:** Manufacturer

<table>
<thead>
<tr>
<th>Variable</th>
<th>Description</th>
<th>Type</th>
<th>Logical Format (Type/Max Length)</th>
</tr>
</thead>
<tbody>
<tr>
<td>nominalTonRating</td>
<td>Vehicle Nominal Ton Rate</td>
<td>number-integer</td>
<td>N/6</td>
</tr>
</tbody>
</table>

### A.39.40 Vehicle Number Of Axles

A count of common axles of rotation of one or more wheels of a vehicle, whether power driven or freely rotating.

*Usage Note:* When counting axles on a vehicle towing a trailer, the count includes both the vehicle and trailer axles.

**Source of Definition:** D20  
**Source of Data:** Manufacturer

<table>
<thead>
<tr>
<th>Variable</th>
<th>Description</th>
<th>Type</th>
<th>Logical Format (Type/Max Length)</th>
</tr>
</thead>
<tbody>
<tr>
<td>axleQuantity</td>
<td>Vehicle Number Of Axles</td>
<td>number-integer</td>
<td>N/2</td>
</tr>
</tbody>
</table>

### A.39.41 Vehicle Number Of Cylinders

A count of the cylinders contained in the engine of the vehicle or vessel. If the vehicle has:

- A rotary engine, a value of ‘99’ is used.
- An electric engine, a value of zero is used.

**Source of Definition:** MVAs  
**Source of Data:** Manufacturer

<table>
<thead>
<tr>
<th>Variable</th>
<th>Description</th>
<th>Type</th>
<th>Logical Format (Type/Max Length)</th>
</tr>
</thead>
<tbody>
<tr>
<td>cylinderQuantity</td>
<td>Vehicle Number Of Cylinders</td>
<td>number-integer</td>
<td>AN/2</td>
</tr>
</tbody>
</table>

### A.39.42 Vehicle Number Of Doors

A count of the doors available for passenger egress, in the vehicle or vessel.

**Source of Definition:** MVAs  
**Source of Data:** Manufacturer
Usage Note: Most hatchbacks have 2 passenger doors, their tailgates are not for passengers and are not counted as a door. A car or truck with a narrow door on one side to make access easier for rear seat passengers, is considered to have 3 passenger doors.

**VVHND0**

**doorQuantity**  
type: number-integer  

**A.39.43 Vehicle Number Of Seats**

The seat capacity of a commercial vehicle designed for transportation of more than eight passengers.  

Usage Note: Regulations 49 CFR 383.91 (16 or more seats), 49 CFR 350.105 (16 or more seats) and 49 CFR 390.5 (8 (or 15) or more seats) specify rules for buses and mini-buses. The number of seats can be used to determine if a vehicle is subject to these rules.

**VVHNE0**

**seatQuantity**  
type: number-integer  

**A.39.44 Vehicle Out Of State Indicator**

An indicator specifying whether a vehicle is registered out of state.  

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Y</td>
<td>Yes, vehicle is registered out of state</td>
</tr>
<tr>
<td>N</td>
<td>No, vehicle is not registered out of state</td>
</tr>
</tbody>
</table>

**VVHOSI**

**outOfStateCode**  
type: string-code

**A.39.45 Vehicle Paper MCO Issued**

A code indicating whether a paper copy of the manufacturer’s certificate of origin was sent from the manufacturer to the purchaser of the vehicle.  

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>true</td>
<td>MCO was sent</td>
</tr>
<tr>
<td>false</td>
<td>MCO was not sent</td>
</tr>
</tbody>
</table>

**VVHMCO**

**isPaperMCOIssued**  
type: boolean

**A.39.46 Vehicle Pedalcycle Category Code**

A code indicating the category of non-motorized road vehicle propelled by pedaling.  

Source of Definition: D16/89.  
Source of Data: Police crash report.
Appendix A: Data Dictionary

### Pedalcycle Type Code

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Bicycle</td>
</tr>
<tr>
<td>2</td>
<td>Tricycle</td>
</tr>
<tr>
<td>3</td>
<td>Unicycle</td>
</tr>
<tr>
<td>4</td>
<td>Pedalcycle</td>
</tr>
<tr>
<td>5</td>
<td>Unknown</td>
</tr>
<tr>
<td>6</td>
<td>Other</td>
</tr>
</tbody>
</table>

**VVHPCC**

`pedalcycleTypeCode`  
_type: string-code_

#### Vehicle Recall Compliance

A code indicating whether a vehicle is involved in a defect recall program and whether the defect was corrected.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Not corrected</td>
</tr>
<tr>
<td>1</td>
<td>Corrected</td>
</tr>
<tr>
<td>8</td>
<td>Not applicable</td>
</tr>
<tr>
<td>9</td>
<td>Unknown</td>
</tr>
</tbody>
</table>

**VVHRCC**

`recallCode`  
_type: string-code_

#### Vehicle Ship Weight

The unladen weight of a vehicle when it is shipped from the manufacturer to the purchaser. It includes engine oil, coolant, brake fluid and a small quantity of fuel, as vehicles have traditionally been driven off the assembly line and these fluids were necessary to do so.

**VVHSHW**

`shipWeight`  
_type: number-integer_

#### Vehicle Stamped Engine Number

The identifying number stamped on the engine by the manufacturer.

**VVHSEN**

`engineNumber`  
_type: string_

#### Vehicle Status

This field contains codes to show the most recent activity of a vehicle.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>Stolen</td>
</tr>
<tr>
<td>02</td>
<td>Sold out of State</td>
</tr>
<tr>
<td>03</td>
<td>Donated</td>
</tr>
</tbody>
</table>

**Logical Format (Type/Max Length): N/1**

**Source of Definition:** D20/79.  
**Source of Data:** Vehicle; U.S. Department of Transportation.

**Logical Format (Type/Max Length): AN/9**

**Source of Definition:** MCO  
**Source of Data:** Manufacturer

**Logical Format (Type/Max Length): AN/30**

**Source of Definition:** MVA.  
**Source of Data:** MVA.
A.39.51 Vehicle Status Date

The date the vehicle status was assigned.

**VVHSTA**

| statusCode | type: string-code |

Logical Format (Type/Max Length): AN/2

**VVHSTD**

| statusDate | type: string-date |

Logical Format (Type/Max Length): Date

A.39.52 Vehicle Ship Date

The date the vehicle was shipped by the manufacturer to the purchaser.

**VVHSHD**

| shipDate | type: string-date |

Logical Format (Type/Max Length): Date

A.39.53 Vehicle Transmission Code

Type of power of transmission unit.

**VVHTRA**

| transmissionTypeCode | type: string-code |

Logical Format (Type/Max Length): AN/1

A.39.54 Vehicle Type Code

The type of vehicle operated for the transportation of persons or property in the furtherance of any commercial or industrial enterprise, for hire or not for hire. Not all states will use all values.

**VVHTYP**

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AU</td>
<td>Automobile</td>
</tr>
<tr>
<td>BU</td>
<td>Bus</td>
</tr>
<tr>
<td>BV</td>
<td>Van-pool bus for 7 to 15 occupants</td>
</tr>
<tr>
<td>CG</td>
<td>Converter gear</td>
</tr>
<tr>
<td>CH</td>
<td>Motor Coach / DPU Vehicle</td>
</tr>
<tr>
<td>DB</td>
<td>Double Bottom</td>
</tr>
<tr>
<td>DL</td>
<td>Dollies</td>
</tr>
<tr>
<td>DT</td>
<td>Dump Truck</td>
</tr>
<tr>
<td>FT</td>
<td>Full Trailer</td>
</tr>
<tr>
<td>GN</td>
<td>Gooseneck</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mobile Home Toter</td>
<td>MT</td>
</tr>
<tr>
<td>Other vehicle</td>
<td>OT</td>
</tr>
<tr>
<td>Power Unit</td>
<td>PU</td>
</tr>
<tr>
<td>Road Truck</td>
<td>RT</td>
</tr>
<tr>
<td>School Bus</td>
<td>SB</td>
</tr>
<tr>
<td>School Pupil van or wagon for up to 9 occupants</td>
<td>SQ</td>
</tr>
<tr>
<td>Truck with any trailer</td>
<td>TA</td>
</tr>
<tr>
<td>Truck combination</td>
<td>TC</td>
</tr>
<tr>
<td>Single-unit truck</td>
<td>TK</td>
</tr>
<tr>
<td>Full trailer</td>
<td>TL</td>
</tr>
</tbody>
</table>
Appendix A: Data Dictionary

A.39.55 Vehicle Type Classification Code

A classification code for a vehicle specifying whether that vehicle is a ground vehicle (car, truck, etc.) or a vessel.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>G</td>
<td>Ground Vehicles, that operate on land (or both land and water)</td>
</tr>
<tr>
<td>V</td>
<td>Vessels, that only operate on water</td>
</tr>
</tbody>
</table>

Source of Definition: MVA.
Source of Data: MVA.

A.39.56 Vehicle Use Class Code

The utilization of the vehicle.

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>None (not in use)</td>
</tr>
<tr>
<td>01</td>
<td>Personal</td>
</tr>
<tr>
<td>02</td>
<td>Driver Training</td>
</tr>
<tr>
<td>03</td>
<td>Construction/Maintenance</td>
</tr>
<tr>
<td>04</td>
<td>Ambulance</td>
</tr>
<tr>
<td>05</td>
<td>Military</td>
</tr>
<tr>
<td>06</td>
<td>Taxi</td>
</tr>
<tr>
<td>07</td>
<td>Transportation of property</td>
</tr>
<tr>
<td>08</td>
<td>Agriculture</td>
</tr>
<tr>
<td>09</td>
<td>Wrecker or Tow</td>
</tr>
<tr>
<td>10</td>
<td>Police</td>
</tr>
<tr>
<td>11</td>
<td>Other Business</td>
</tr>
<tr>
<td>12</td>
<td>Fire fighting</td>
</tr>
<tr>
<td>13</td>
<td>Bus</td>
</tr>
<tr>
<td>97</td>
<td>Other</td>
</tr>
<tr>
<td>99</td>
<td>Unknown</td>
</tr>
</tbody>
</table>

Synonyms: Special Use; Usage Class.

A.39.57 Vehicle Unladen Weight

Logical Format (Type/Max Length): AN/2

Logical Format (Type/Max Length): AN/1

Logical Format (Type/Max Length): AN/2
The weight of a vehicle with maximum capacity of all fluids necessary for operation of the vehicle, but without cargo, occupants, or accessories that are ordinarily removed from the vehicle when they are not in use.

Usage Note: In an RV, camping fluids such as tanks of water and propane are not counted in this weight.

### VVHUL2

**unladenWeight**

type: number-integer

### A.39.58 Vehicle/Vessel Body Type

The general configuration or shape of a vehicle distinguished by characteristics such as number of doors, seats, windows, roofline and type of top.

The NCIC code values are listed the Vehicle section of the [NCIC Code Manual](https://www.aamva.org/vehicles/national-crime-information-center-(ncic)-code-manual). Motor vehicle styles are listed in the Vehicle Style (VST) Field Codes and Vessels are listed in Boat Type (BTY) section.

**Usage Note:** The vehicle body type is 2 character, alphanumeric. The vessel body type is 3 character, alphanumeric. Both are left justified.

**Example:** "2D" represents "2 Door Sedan", "BU" represents "Bus", etc.

### VVHBST

**bodyStyleCode**

type: string-code

### A.39.59 Vessel Hull Material

This field describes the construction of a vessel's hull.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ML</td>
<td>Metal</td>
</tr>
<tr>
<td>PL</td>
<td>Plastic</td>
</tr>
<tr>
<td>WD</td>
<td>Wood</td>
</tr>
<tr>
<td>OT</td>
<td>Other</td>
</tr>
</tbody>
</table>

### VVHVHM

**hullMaterialCode**

type: string-code

### A.39.60 Vessel Hull Shape

This field describes the hull configuration of a vessel.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CM</td>
<td>Catamaran</td>
</tr>
<tr>
<td>DV</td>
<td>Deep V</td>
</tr>
<tr>
<td>FB</td>
<td>Flat Bottom</td>
</tr>
<tr>
<td>PT</td>
<td>Pontoon</td>
</tr>
<tr>
<td>RB</td>
<td>Round Bottom</td>
</tr>
<tr>
<td>SV</td>
<td>Semi V</td>
</tr>
</tbody>
</table>
**VVHVHS**

**hullShapeCode**  
type: string-code

---

**A.39.61 Vehicle / Vessel Major Color**

Where the vehicle/vessel is one color, this is the appropriate code describing that color. When the vehicle is two colors, this is the code for the top-most or front-most color.

For the list of valid codes, see the **NCIC Vehicle Color Code Values** (on page 29).

---

**VVHCOl**

**primaryColor**  
type: string-code

---

**A.39.62 Vehicle / Vessel Minor Color**

When the vehicle is one color, this field is not used. When the vehicle is two colors, this is the code for the bottom-most or rear-most color.

For the list of valid codes, see the **NCIC Vehicle Color Code Values** (on page 29).

---

**VVHC0M**

**secondaryColor**  
type: string-code

---

**A.39.63 Vehicle/Vessel Model Name**

This field is a combination of vehicle/vessel make and vehicle/vessel model, derived from Polk’s VIN software.

*Example:* Model "Corvette" is represented as "Corvet", using the with left most six characters.

---

**VVHMNA**

**modelDescription**  
type: string
A.39.64  Vehicle / Vessel Number Of Passengers

This field represents the passenger capacity of the vehicle or vessel (including the driver).

**Source of Definition:** MVA  
**Source of Data:** MVA

**VVHNPA**

passengerQuantity  type: number-integer

A.39.65  Vessel Propulsion

This field describes the mode of propulsion of a vessel.

**Source of Definition:** MVA  
**Source of Data:** MVA

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>IN</td>
<td>Inboard</td>
</tr>
<tr>
<td>MP</td>
<td>Manual</td>
</tr>
<tr>
<td>OB</td>
<td>Outboard</td>
</tr>
<tr>
<td>SA</td>
<td>Sail Only</td>
</tr>
<tr>
<td>SI</td>
<td>Sail with Auxiliary Inboard</td>
</tr>
<tr>
<td>SO</td>
<td>Sail with Auxiliary Outboard</td>
</tr>
</tbody>
</table>

**VVHVPR**

vesselPropulsion  type: string-code

A.39.66  Vehicle / Vessel Series Model

A code denoting a family of vehicle/vessel, within a make, that has a degree of similarity in construction, such as body, chassis, etc.


**Source of Definition:** MVAs  
**Source of Data:** Manufacturer, MVA  
**Synonyms:** MSO, MCO, Manufacturers Certificate of Origin

**VVHSMO**

seriesModelCode  type: string-code

A.39.67  Vessel Make

The distinctive (coded) name applied to a group of vessels by a manufacturer. The U.S. Coast Guard assigns the codes to U.S. boat manufacturers.

**Code:** See Boat codes in the NCIC Code Manual

**Source of Definition:** NCIC; U.S. Coast Guard  
**Source of Data:** Manufacturer.

**VVHBMС**

vesselMake  type: string-code

A.39.68  VIN/HIN Jurisdiction

The jurisdiction that assigned the non-standard VIN to a vehicle or vessel. This field contains the U.S. Postal code for the jurisdiction that assigned the VIN or HIN, or the code for Canada or Mexico.

**Source of Definition:** MVAs  
**Source of Data:** MVAs
Appendix A: Data Dictionary

See the Jurisdiction Code Values (on page 27) for the list of valid codes.

**A.39.69 Year First Sold**

The year the vehicle or vessel was initially sold.

**VVHYFS**

`yearFirstSold` type: string

**A.40 Vehicle Designation Brand**

A Vehicle Brand represents information about the condition of a vehicle recorded by a Jurisdiction. A Brand is generated by a Reporting Entity who is a state or federal jurisdiction.

**A.40.1 Brand Code**

A code providing information about the brand applied to the title or odometer.

See Brand Code Values (on page 17) for the codes and their meanings.

**VBRCOD**

`brandCode` type: string-code

**A.40.2 Brand Date**

A date a brand was applied.

**VBRDAO**

`brandDate` type: string-date

**A.40.3 Brand - Salvage Vehicle Damage Percent**

The percentage of damage sustained by a salvage vehicle. Each jurisdiction bases the percent of damage calculation on its own laws and regulations.

**VBRPSA**

`salvagePercentage` type: number-integer

**A.40.4 Brand - Salvage-Vehicle Damage Percent Type**

This indicator describes whether the value of the Percent of Damage is the actual value applied to a specific vehicle or is a threshold level applied to all salvage vehicles in the state.

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>R</td>
<td>Reported</td>
</tr>
</tbody>
</table>

Logical Format (Type/Max Length): AN/2

Source of Definition: MVAs
Source of Data: The Titling Jurisdictions.

Logical Format (Type/Max Length): Date

Source of Definition: MVAs
Source of Data: The Titling Jurisdictions.

Logical Format (Type/Max Length): AN/3

Source of Definition: MVAs
Source of Data: MVAs.
Synonyms: Percentage of damage.

Logical Format (Type/Max Length): N/4

Source of Definition: MVAs
Source of Data: Manufacturer, MVA.
<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>T</td>
<td>Threshold</td>
</tr>
</tbody>
</table>

**A.40.5 Vehicle Disposition Date**

The date a vehicle became scrapped, sold out of state, stolen and never recovered or disposition unknown.

**A.41 VEHICLE DESIGNATION BY INSURER**

A vehicle designation which is applied by an insurance carrier. These will always be "Title Brands", which describe the condition of the vehicle in general, and are never "Odometer Brands", which describe the validity of the odometer reading (these brands are only applied by states). These designations are generated by a Reporting Entity who is an Insurance Carrier.

An Insurer supplied Designation includes information about the party who owned the vehicle. For details of these fields, see the definitions in the Insurance group.

**A.41.1 Entity Insurance Company Obtained Vehicle From**

A name of a vehicle owner (individual or organization) from whom the insurance carrier obtained the vehicle.

See the [AAMVA Person Name Rule](#) (on page 11) for the rules governing the format of a person's name.

**VINEOF**

obtainedFrom type: group

When there is data for this element, it will always have the

- organizationName type: string

If the entity is a person, it can also contain:

- personName type: group

  This person name can hold the following sub-elements

  - givenName type: string
  - middleName type: string
  - surName type: string

**A.41.2 Insurance Salvage Designation Date**

A date on which a vehicle was designated "Junk" or "Salvage". (A designation of salvage includes vehicles reported as a total loss).

**VINSDD**

obtainedDate type: string-date
A vehicle designation which is applied by either a junk yard or salvage yard. These will always be "Title Brands", which describe the condition of the vehicle in general, and are never "Odometer Brands", which describe the validity of the odometer reading (these brands are only applied by states). These designations are generated by a Reporting Entity who is a Junk Yard or a Salvage Yard.

A.42.1 Entity Junk/Salv Obtained Veh From

A name of an individual or organization from whom the vehicle was obtained. (i.e. name of primary owner or lienholder).

If the owner is a business, the name is free-form text. If the owner is an individual, the name is broken into its component parts (see the NSVRP Person Name Rule for details).

**VIJSEOF**

`obtainedFrom` type: group

When there is data for this element, it will always have the

- `organizationName` type: string

If the entity is a person, it can also contain:

- `personName` type: group

This person name can hold the following sub-elements

  - `givenName` type: string
  - `middleName` type: string
  - `surName` type: string

A.42.2 Junk/Salvage Yard Export Vehicle Indicator

An indication if a vehicle will be/has been exported out of the U.S.A.

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>true</td>
<td>Yes its true</td>
</tr>
<tr>
<td>false</td>
<td>No its false</td>
</tr>
</tbody>
</table>

**VIJSEVI**

`isIntendedForExport` type: boolean

A.42.3 Junk/Salvage Yard Industry Type Code

A categorization of the primary industry in which a junk/salvage yard operates.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>D</td>
<td>Shredder</td>
</tr>
<tr>
<td>R</td>
<td>Recycler</td>
</tr>
<tr>
<td>P</td>
<td>Salvage Pool</td>
</tr>
</tbody>
</table>

**VJSITC**

`industryTypeCode` type: string-code

A.42.4 Junk/Salvage Yard Jurisdiction Code
A code of the jurisdiction in which a junk or salvage yard is located. See the Jurisdiction Code Values (on page 27) for the list of valid codes.

**VJSDJC**

*stateCode*  type: string

**A.42.5 Junk/Salvage Yard License Number**

An identifier of a junk or salvage yard which has been issued a license by a jurisdiction, to dismantle vehicles and sell the parts.

**VJSDLN**

dismantlerId  type: string

**A.42.6 Junk/Salvage Yard Obtained Date**

A date on which a junk yard, salvaged yard, recycler or salvage pool operator obtained a vehicle in inventory.

**VJSVHD**

vehicleDispositionCode  type: string

**A.42.8 Vehicle Disposition Code**

The disposition (e.g. sold as salvage, scrapped) of the vehicle as documented by the junk yard or salvage yard.

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>Scrapped</td>
</tr>
<tr>
<td>02</td>
<td>Sold Out Of State</td>
</tr>
<tr>
<td>03</td>
<td>Stolen or Never Recovered</td>
</tr>
<tr>
<td>04</td>
<td>Crushed</td>
</tr>
<tr>
<td>09</td>
<td>Unknown</td>
</tr>
</tbody>
</table>

**VJSVHD**

vehicleDispositionCode  type: string

**A.42.9 Vehicle Disposition Reason**
A free form description of the reason for declaring the vehicle a total loss (e.g. fire, flood, etc.).

**VJSVDD**

dispositionReason type: string

**A.42.10 Vehicle Transferred To Name**

A name of a person or organization to whom vehicle was provided or transferred.

If the owner is a business, the name is free-form text. If the owner is an individual, their name is broken into its component parts (see the NSVRP Person Name Rule for details).

**VJSTTN**

transferredTo type: group: Name

When there is data for this element, it will always have the

- organizationName type: string

If the entity is a person, it can also contain:

- personName type: group
  
  This person name can hold the following sub-elements
  
  - givenName type: string
  - middleName type: string
  - surName type: string
GLOSSARY

AAMVA
American Association of Motor Vehicle Administrators

Accident
See Crash.

ACD
The AAMVA Code Dictionary (ACD)—a standardized set of three-character codes used to identify either a type of conviction or the reason for a withdrawal of driving privileges. The ACD provides a single list of codes that all jurisdictions can understand and removes the need for a jurisdiction to map their laws and rules to the laws and rules of every other jurisdiction.

The ACD Manual is available at: http://www.aamva.org/ACD/

Alpha-numeric
Alpha-numeric is a combination of alphabetic, numeric and other characters, such as punctuation and mathematical symbols. The characters on a U.S. keyboard are supported as Alpha-numeric characters.

With AMIE the term "Printable character" is used, it supports most of the Alpha-numeric characters.

ANSI
American National Standards Institute, is an organization that oversees the development of voluntary consensus standards for products, services, processes, systems, and personnel in the United States.

ANSI D15

ANSI D16
A set of standard terminology and coding instructions on Classification of Motor Vehicle Traffic Accidents.

ANSI D17
Motor Vehicle Safety Standards, including situations involving traffic conflict areas.

ANSI D18

ANSI D19
A set of standard terminology and coding instructions for a model registration and certificate of ownership. This model is no longer active and its contents have been merged into ANSI D20.

ANSI D20
A set of standard terminology and coding instructions designed to facilitate representations of standardized data elements communicated between motor vehicle agencies and other users of traffic records systems. Since 2016 the standard has been maintained without ANSI accreditation and is now known as D20.

ANSI D7
Inspection procedures for motor vehicles, trailers, and semitrailers operated on public highways.

Automobile
A motor vehicle other than a motorcycle or utility vehicle consisting of a transport device designed for carrying ten or fewer persons. (ref: D16/96, 2.2.12)

A 4-wheeled vehicle that is propelled by fuel, or by alternative fuel, manufactured primarily for use on public streets, roads, and highways and rated at less than 10,000 pounds gross vehicle weight, except for (A) a vehicle operated only on a rail line; (B) a vehicle manufactured in different stages by 2 or more manufacturers, if no intermediate or final-stage manufacturer of that vehicle manufactures more than 10,000 multi-stage vehicles per year; or (C) a work truck. (ref 49 USC § 32901)

BAC
Blood Alcohol Content is a measurement of the content of alcohol within the blood.

Bus
A motor vehicle consisting primarily of a transport device designed for carrying more than ten persons. (ref: D16/96, 2.2.10)

CADRE
Critical Automated Data Reporting Elements, operated by NHTSA.

Call list
The layout of the group of data elements through which a UNI site's application programs supply information to and retrieve information from UNI. An application's specifications document defines the business function of this information. Depending on
the UNI options selected, the call list data may be passed in files or queues. Call lists may be requested from the UNI Help Desk (see also Offset Report). A call list is application dependent and lists all possible data elements used by an AAMVAnet customer application. Each data element in the list has a specific position and length in the Call List. In addition, a message type uses a sub-set of data elements from the application’s call list, and each UNI interface receives messages from a customer application in call list format.

**CCD**

Certification Control Document – A document that is issued to CSTIMS Testing Organizations and Examiners. A document and its associated control number are then given to a CDL applicant once the skills tests have been passed. The CCD number is typically entered as part of the test results so that the Motor Vehicle Clerk can view this information via the CSTIMS application.

**CDL**

Commercial Driver’s License (CDL) is a license issued by a State or other jurisdiction, in accordance with the standards contained in 49 CFR parts 383 and 384, to an individual which authorizes the individual to operate a class of a commercial motor vehicle.

**CDL 2.0 Testing Model**

Testing criteria and passing scores for the Vehicle Inspection, Basic Control Skills, and Road Test.

**CDL 2005 Testing Model**

Revised testing criteria and passing scores for the Vehicle Inspection, Basic Control Skills, and Road Test. This testing model is being phased in by jurisdictions as a replacement for the 2.0 Testing Model. Use of the 2005 Testing Model is NOT mandatory as of October 1, 2008.

**CDLIS**

Commercial Driver’s License Information System is an information system that satisfies the requirement of the CMVSA and MCSIA by providing identification, status, and history information regarding commercial drivers. The legal definition is in 49 CFR 383.5.

**CFR**

Code of Federal Regulations (CFR) is the codification of U.S. general and permanent rules and regulations (sometimes called administrative law) published in the Federal Register.

**CLC**

AAMVA Classified License Codes of 1970.

**CLP**

Commercial Learner’s Permit

**CMV**

Commercial Motor Vehicle (CMV) is any motor vehicle used to transport passengers or property for compensation. Many states classify any vehicle titled or registered to a commercial enterprise as being a CMV. Federal regulations specify different criteria for determining if a vehicle is a CMV in the rules governing different functions:

- 49 CFR 350.105 applies to the Commercial Motor Carrier Safety Assistance Program
- 49 CFR 383.5 applies to Driver License and Permit Classes:
- 49 CFR 390.5 governs: marking vehicles with the USDOT number, driver qualification file, hours of service, and inspection and maintenance requirements.

**Crash**

An accident, collision or crash describes a traffic incident in which people are injured or property sustained damage.

An unstabilized situation which includes at least one harmful event. (ref: D16/96, 2.4.6)

The procedures for individual applications may restrict which crashes are included in the application (e.g. insurance may focus on claims, while licensing may focus on the safe operation of a driver).

**CSTIMS**

Commercial Skills Test Information Management System is a web-based system to manage the skills tests part of the CDL Program. CSTIMS tracks/records information for jurisdiction and Third-party CDL Skills Test Organizations and Examiners. CSTIMS enables electronic record keeping of CDL Skills Test Schedules, Test Results, Audits, and Examiner Training. CSTIMS electronically transfers out-of-state test results.

**D20**

A set of standard terminology and coding instructions designed to facilitate representations of standardized data elements communicated between motor vehicle agencies and other users of traffic records systems.

**DHR**

Driver History Record. The history of each driver maintained on the jurisdiction’s system.

**DHS**

Department of Homeland Security. The agency responsible for enforcing the laws regulating the admission of non-citizens to the United States and for
administrating various immigration benefits, including the naturalization of resident aliens. (Formerly the Immigration and Naturalization Service).

**DLA**

Driver's License Agreement – an interstate compact that combines feature of the DLC and the NRVC.

**DLC**

Driver's License Compact – an interstate legal agreement that specifies how U.S. Jurisdictions give reciprocity for drivers with out-of-state driver’s licenses.

**DOB**

Date of Birth

**Driver**

Any individual who has ever held a driver license, or who has been known to have been operating the equipment that controls the movement of a motor vehicle.

**ELT**

Electronic Lien & Title is a computer application that allows lienholders and the motor vehicle agencies to electronically exchange lien and title information.

**Examination**

An investigation to determine whether a person is qualified to be licensed to drive. It may include various measurements, tests, interviews, inquiries, or observations.

**FBI**

Federal Bureau of Investigation.

**FHWA**

The Federal Highway Administration (FHWA) is a division of the United States Department of Transportation that specializes in highway transportation. The agency’s major activities are grouped into two “programs,” the Federal-aid Highway Program and the Federal Lands Highway Program.

**FIPS**

Federal Information Processing Standards

**Fleet**

The owner of a group of vehicles that are identified by a fleet number placed on the title of each vehicle.

Under Motor Carrier regulations, one or more apportionable vehicles.

**FMCSA**

FMCSA is the lead federal government agency responsible for regulating and providing safety oversight of commercial motor vehicles (CMVs), to include more than 500,000 commercial trucking companies, more than 4,000 interstate bus companies, and more than four million commercial driver's license (CDL) holders. FMCSA's mission is to reduce crashes, injuries, and fatalities involving large trucks and buses.

**Full Trailer**

A trailer, other than a pole trailer, designed for carrying property and so constructed that no part of its weight rests upon or is carried by the towing road vehicle. An auxiliary undercarriage assembly, commonly known as a converter dolly and consisting of a chassis, fifth wheel and one or more towbars, is sometimes used to convert a semitrailer to a full trailer. (D16/96, 2.2.18)

**GAP Code**

Government/Application Provider (GAP) Code is an identifier of each node on a network. AKA Subscriber ID.

**GVWR**

Gross Vehicle Weight Rating (GVWR) is the value specified by the manufacturer as the loaded weight of a single vehicle (ref: 49 CFR 571.3). It is the maximum weight rating at which an individual loaded vehicle (car, truck or trailer) can be safely operated. The weight rating takes into account the base curb weight of the vehicle plus the weight of any optional accessories, cargo, passengers and the tongue weight of a trailer.

**HPMS**

Highway Performance Monitoring System, operated by FHWA.

**ICC**

Interstate Commerce Commission, was abolished in 1995 and its responsibilities for motor carriers transferred to FMCSA.

**IRS**

International Revenue Service

**ISO**

International Organization for Standardization.

**JSON**

JavaScript Object Notation, is a data format convention used to describe the structure and data types of data in messages and files.
**Jurisdiction**
An organization with the power, right, or authority to interpret and apply the law, or the limit or territory within which authority may be exercised. In AAMVAnet systems, a jurisdiction is typically a motor vehicle agency or department of motor vehicles in any state, district, territory, possession, or province of the U.S., Mexico, or Canada.

The term "Mexican jurisdiction" refers to one of the Mexican states, and the term "Canadian jurisdiction" refers to one of the Canadian provinces or territories.

**Land Vehicle**
A transport vehicle which is neither an aircraft nor a watercraft. (ref: D16/96, 2.1.7)

**Line**
A name that a manufacturer applies to a family of vehicles within a make which have a degree of commonality in construction, such as body, chassis or cab type. (ref: 49 CFR 565.12)

**Make**
A name that a manufacturer applies to a group of vehicles or engines. (ref: 49 CFR 565.12)

**Manufacturer**
Manufacturer refers to the industry that is engaged in the manufacture and sale of new vehicles.

For the purposes of 49 CFR 565.12, Manufacturer means a person -

1. Manufacturing or assembling motor vehicles or motor vehicle equipment; or
2. Importing motor vehicles or motor vehicle equipment for resale.

**MCO**
Manufacturer’s Certificate of Origin (aka Manufacturer’s Statement of Origin)

**MIDRIS**
Model Impaired Driver Records Information System (MIDRIS)

**MIRE**
Model Inventory of Roadway Elements is the listing and standardized coding by the Federal Highway Administration of roadway and traffic data elements critical to safety management, analysis, and decision making. (23 USC 148).

**MMUCC**
The Model Minimum Uniform Crash Criteria Guideline (MMUCC) is a minimum, standardized data set for describing motor vehicle crashes and the vehicles, persons and environment involved. The Guideline is designed to generate the information necessary to improve highway safety within each state and nationally.

**Model**
A name that a manufacturer applies to a family of vehicles of the same type, make, line, series and body type. (ref: 49 CFR 565.12)

**Motor Vehicle**
A vehicle driven or drawn by mechanical power and manufactured primarily for the use on public streets, roads and highways, but does not include a vehicle operated only on a rail line. (49 USC 30102).

Any motorized (mechanically or electrically powered) road vehicle not operated on rails. (ref: D16/96, 2.2.7)

**Motorcycle**
United States code 49 CFR 571.3(b) defines motorcycles as: a motor vehicle with motive power having a seat or saddle for the use of the rider and designed to travel on not more than three wheels in contact with the ground.

In definitions where a distinction is needed between mopeds and motorcycles: a motor-powered cycle, generally powered by a 90 cc or larger engine, having one or two saddles or seats.

**Motorist**
Any occupant of a motor vehicle in transport. (ref: D16/96, 2.2.40)

**MVA**
Motor Vehicle Agency – the agency in charge of licensing drivers and/or registering vehicles in a given state or territory. AAMVA uses “MVA” as a general term that applies whether the MVA is an independent agency or part of a law enforcement department or a revenue department. (Also referred to as a ‘state Driver’s License Agency’ [SDLA] or Department of Motor Vehicles [DMV].)

**NAIC**
National Association Insurance Commissioners

**NCIC**
National Crime Information Center. A computerized index of criminal justice information operated by the Federal Bureau of Investigation (FBI). Major components include: criminal record history information, fugitives, missing persons and stolen properties (i.e. stolen vehicles).
NGA
National Governors' Association

NHTSA
National Highway Traffic Safety Administration, part of the U.S. Department of Transportation

NICB
National Insurance Crime Bureau

NIEM
National Information Exchange Model (NIEM [pronounced as "neem"])—An extensible markup language (XML) framework used for exchanging data. It is a U.S. national standard that facilitates information sharing across organizational and jurisdictional boundaries, and at all levels of government. NIEM uses XML for its foundation and applications developed using NIEM will also use XML. XML allows anyone to create structures and element identifiers (called tags). The goal of NIEM is to add some standardization to XML, to make the exchange of information easier.

NIST
National Institute of Standards and Technology

NRVC
Non-Resident Violators Compact – an interstate legal agreement among 45 U.S. jurisdictions that specifies how the Jurisdictions give reciprocity for out-of-state drivers cited for violations.

NSC
National Safety Council

OpenAPI
The OpenAPI Specification defines a standard, language-agnostic interface to RESTful APIs which allows both humans and computers to discover and understand the capabilities of the service.

An OpenAPI definition can then be used by documentation generation tools to display the API, code generation tools to generate servers and clients in various programming languages, testing tools, and many other use cases.

Person
A human being.

Within the context of the D16.1, a fetus is considered to be part of a pregnant woman rather than a separate individual. After death, a human body is not considered to be a person. (D16/96, 2.1.1)

Pre-trip Form
A form used in a CLD skills test to comply with the CDL 2005 Testing Model requirements. Forms used are:

- Coach/Transit Bus Full, A, or B
- School Bus Full, A, or B
- Straight Truck Full, A, or B
- Combo Truck/Trailer Full, A, B or C
- Combo Tractor/Semi-Trailer Full, A, B or C

REAL ID Act

Reinstatement
Restoration of driving privilege following suspension or upon renewal after expiration (within the grace period).

REST
Representational state transfer (REST) is a software architectural style that can be used for web-service communication.

Revocation
In most jurisdictions, revocation terminates a person’s driving privilege. At the end of the revocation period he/she is entitled to re-apply for a new license.

Road Vehicle
Any land vehicle other than a railway vehicle. (ref: D16/96, 2.2.6-2.2.8)

SAE
Society of Automotive Engineers.

Semitrailer
A trailer, other than a pole trailer, designed for carrying property and so constructed that part of its weight rests upon or is carried by the towing road vehicle. (ref: D16/96, 2.2.15)

Series
For the purposes of 49 CFR 565.12, a name that a manufacturer applies to a subdivision of a “line” denoting price, size or weight identification and that is used by the manufacturer for marketing purposes.

Single Unit Truck
A truck consisting primarily of a single motorized transport device. When connected to a trailer, such a device may be part of a truck combination. (ref: D16/96, 2.2.19)

SR22
A vehicle liability insurance document that provides proof that a driver has the minimum required liability insurance coverage for that particular state.

Suspension
A withdrawal (usually temporary) of a driving privilege for a designated period. In most cases, a driver is reinstated at the end of the suspension period, rather than being required to re-apply for a new license (as is the case in a revocation).

Swagger
An old name used for OpenAPI. (See OpenAPI).

Title Holder
The owner of a vehicle as indicated on an application for title or registration.

Trailer
A road vehicle designed to be drawn by another road vehicle. (ref: D16/96, 2.2.13)

Truck
A motor vehicle designed primarily for carrying property. (ref: D16/96, 2.2.13)

Truck Combination
A truck consisting primarily of a transport device which is a single-unit truck or truck tractor together with one or more attached trailers. (ref: D16/96, 2.2.21)

Truck Tractor
A motor vehicle consisting of a single motorized transport device designed primarily for drawing trailers. (ref: D16/96, 2.2.20)

type: boolean
In JSON a true/false indicator can be conveyed in a Boolean data type. This allows values "true" and "false".

type: group
In JSON, an elements described as having a type of "group", will hold sub-elements. For example a Person's Name element may be a group containing a First Name and a Surname. In the JSON a group element will have a type defined with a name describing the type.

A whole numbers (a signed 32-bit integer) data type, e.g. "+123".

type: string
In JSON alpha-numeric text is conveyed in elements with a "string" data type, which supports:

- numbers,
- letters (English and other alphabets),
- white space (space, tab and carriage return/line feed) and
- other characters on a keyboard (, ~ ! etc.).

Note on AAMVA systems, the allowable characters may be restricted by the Printable Character rule.

type: string-base64
In JSON binary data is held in fields with a type of string. Binary data can be Base64 encoded, then the encoded data can be held in a string field. Base64 can support any data because it encodes the data as regular keyboard characters (i.e. a bad date like "1987-06-aa" is encoded to "MKt4Ny0wN1hYQ==" in base64). The most common usage of base64 is for data like digitized photos.

type: string-code
Enumerated code lists are exchanged in elements with a "string" data type. See the data dictionary for the list of valid values.

type: string-date
In REST dates are conveyed in elements with a "string" data type. In AAMVA applications these dates use a CCYY-MM-DD form, i.e. 2001-12-31. Note in AAMVA systems, Date is used in place of DateTime because the time is not recorded for the business fields being exchanged.

type: string-date-time
In REST dates-time stamps are conveyed in elements with a "string" data type. In AAMVA applications these time stamps have a date in the CCYY-MM-DD form and a time in the HH:MM:SS form. Together the date and time are held as 2002-05-30T09:00:00Z.

Individual elements may optionally specify they will include a time zone, to indicate the offset from the UTC time, i.e. 2001-12-31T13:30:00+06:00.

UNI
Unified Network Interface—AAMVA's interface software for a site's application system to exchange messages with other parties using the AMIE protocol. E.g., when sending an interactive messages UNI can format the data into AMIE form, log the message and
deliver the message over the AAMVAnet telecommunications network (through NCS).
Information about UNI and its capabilities are available on https://www.aamva.org/technology/uni.

**USC**

United States Code (USC) for the codification of the general and permanent federal statutes.

**USDOT**

United States Department of Transportation

**USPS**

United States Postal Service

**VIN**

Vehicle Identification Number (VIN) is a unique series of Arabic numbers and Roman letters that is assigned to a motor vehicle for identification purposes in accordance with 49 CFR 565.12 and CMVSS §115.

**WHTI**

Western Hemisphere Travel Initiative
RELEASE HISTORY

This section provides a summary of the releases. A more detailed explanation of each release is provided in the D20 History section.

<table>
<thead>
<tr>
<th>Release</th>
<th>Date</th>
<th>Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1979</td>
<td>Initial copy.</td>
</tr>
<tr>
<td>2</td>
<td>1993</td>
<td>Updated to reflect current definitions and usage.</td>
</tr>
<tr>
<td>3</td>
<td>1998</td>
<td>Synchronizes with the data used in AAMVA applications and updated to reflect current definitions and usage.</td>
</tr>
<tr>
<td>4</td>
<td>2003</td>
<td>Updated to reflect current definitions and usage.</td>
</tr>
<tr>
<td>5</td>
<td>2009</td>
<td>Small update to reflect current definitions.</td>
</tr>
<tr>
<td>6</td>
<td>2016</td>
<td>Drop ANSI and update to reflect current definitions.</td>
</tr>
<tr>
<td>6.1</td>
<td>2017</td>
<td>Small update to reflect latest definitions.</td>
</tr>
<tr>
<td>7</td>
<td>2020</td>
<td>Update to reflect current definitions and add definitions of data used in CDL Tests.</td>
</tr>
<tr>
<td>8</td>
<td>2022</td>
<td>Update to reflect current definitions and support JSON data definitions.</td>
</tr>
</tbody>
</table>

Since the last edition of D20 in 2020, the following elements have been updated, to reflect their current usage:

- BFDPPN - Passport Number
- MMC140 - Interstate Commerce Commission Authorization Number
- VSAEXC - Sales Taxes Exempt Code
- VVHDIC - Vehicle Disposition Code

In preparation for deprecating DDVRAC - Driver Race And Ethnicity, the following elements were added:

- BPERAC - Person Race
- BPEETH - Person Ethnicity

The following group elements (e.g. with a unit of measure) had non-functional updates, to support their definitions in JSON:

- VFL020 - In Jurisdiction Travel
- VIS190 - Odometer Reading At Inspection
- BJU020 - Fuel Consumption In Jurisdiction
- MMC160 - Total Fleet Travel
- VOWHGT - Owner’s Height
- VOD100 - Odometer Reading At Time Of Sale
- VRGGVW - Registered Gross Vehicle Weight
- VVHCWI - Commercial Vehicle Width
- VVHGVW - Gross Vehicle Weight
- VVH011 - Vehicle Gross Operating Weight
- DEA112 - Blood Alcohol Concentration Test Date

In Vehicle inspection, the generic VIS005 - Inspection Result replaced:

- VIS010 - Brake System Condition
- VISEMI - Emissions Inspection Results
- VIS030 - Engine Mounting Condition
- VIS040 - Exhaust System Condition
- VIS050 - Frame Cross Member Condition
- VIS060 - Fuel System Condition
- VIS070 - Glass Condition
- VIS080 - Horn Condition
- VISAPC - Inspection Air Pollution Device Condition
- VISSCI - Inspection Smog Certificate Indicator
- VISSCI - Inspection Smog Certificate Indicator
- VIS150 - Lenses Condition
- VIS160 - Lighting System Condition
- VIS170 - Mirror Condition
- VIS180 - Mud Flaps Condition
- VIS200 - Registration Plates, Condition
- VIS210 - Registration Status Summary
- VISSAF - Safety Inspection Results
- VIS220 - School Bus Safety Equipment Condition
- VIS230 - Seat Belt Condition
- VIS240 - Steering Mechanisms Condition
- VIS250 - Stopping Distance
• VIS260 - Throttle Linkage Condition
• VIS270 - Tire Condition
• VIS280 - Wheel Condition
• VIS290 - Windshield Wiper Condition

The following elements had definitions similar to other element, so were dropped:

• VIS130 - Inspector Identification Number
• VOWCNO - Owner Client Number
• VRG090 - Registration Plate State/Province
• VRG010 - Registration Plate Year
• VVHCL1 - Commercial Vehicle/Trailer Length
• VVHUL3 - Unladen Vehicle Weight
• VVHFYS - Vehicle First Year Sold
• VVHGCW - Vehicle Gross Combination Weight
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