



# Alabama Medicaid

## Electronic Visit Verification (EVV) Data Aggregator API Specification



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## Document Revision History

Date	Comments
03/29/2024	<ul style="list-style-type: none"><li>Revised legal language.</li></ul>
10/02/2023	<ul style="list-style-type: none"><li>Removed billing segment</li></ul>
07/28/2023	<ul style="list-style-type: none"><li>Update to EDI support contact information.</li></ul>
06/13/2023	<ul style="list-style-type: none"><li>Update to Authentication Endpoint section.</li></ul>
03/21/2023	<ul style="list-style-type: none"><li>Added 'billSecondaryPayer' section, to support TPL billing.</li></ul>
02/21/2023	<ul style="list-style-type: none"><li>Update to billing section, 'diagnosisCodes' field.</li></ul>
01/16/2023	<ul style="list-style-type: none"><li>Update to Appendix D – YAML Specification.</li></ul>
09/12/2022	<ul style="list-style-type: none"><li>Member qualifier 'AdmissionId' added.</li></ul>
07/29/2022	<ul style="list-style-type: none"><li>Update to performed tasks field.</li></ul>
05/11/2022	<ul style="list-style-type: none"><li>Update to shift sign off segment</li></ul>
05/03/2022	<ul style="list-style-type: none"><li>Shift Sign Off added</li></ul>
02/16/2022	<ul style="list-style-type: none"><li>Update to duty codes (numeric value now 3 characters)</li></ul>
02/11/2022	<ul style="list-style-type: none"><li>Service codes added for ADMH</li></ul>
02/09/2022	<ul style="list-style-type: none"><li>Service code list modified (added/deleted based on OA requirements)</li></ul>
02/08/2022	<ul style="list-style-type: none"><li>Removed 'Daily' service codes as these are not in-scope</li></ul>
02/03/2022	<ul style="list-style-type: none"><li>Additional payer added; update to service codes by payer</li></ul>
01/25/2022	<ul style="list-style-type: none"><li>Update to billing segment requirements</li></ul>
01/12/2022	<ul style="list-style-type: none"><li>Additional rejection reasons for missed &amp; edited visit comments added</li></ul>
01/11/2022	<ul style="list-style-type: none"><li>Caregiver SSN required, default not allowed</li></ul>
11/05/2021	<ul style="list-style-type: none"><li>Initial Draft</li></ul>

*Disclaimer: This document will be updated as new information becomes available. Please check back often for more information.*



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## Introduction

This specification provides guidance and instructions in preparing data for import to HHAExchange (HHAX). Herein are the various Application Programming Interface (API) endpoint definitions indicating required fields and proper format for a successful import.

This guide is updated on an ongoing basis as system capacities are implemented and additional functionality becomes available. The guide is intended for project management and technical teams at designated providers and/or Electronic Visit Verification (EVV) vendors who are implementing this interface.

General inquiries related to the Alabama (AL) EVV aggregation project can be submitted via a ticket to [3rd Party Integration Support Desk](#) with the subject line 'AL EVV'. Cases are escalated to the Integration Support queue where an available team member will contact you directly to assist.

## Transmission Method and Environment Access

HHAX provides an API for third party providers and EVV vendors to use. Providers and EVV vendors must reach out to [3rd Party Integration Support Desk](#) with the subject line 'AL API Onboarding Request' to commence the onboarding process.

## Transmission Frequency and Limits

For optimal system performance, HHAX recommends that visit data is sent in near real time. The expectation is that data is sent by the provider or EVV vendor to HHAX as it is added, changed, and/or deleted in the third party EVV system. Data that is unchanged should not be resent to HHAX. HHAX provides transaction statuses on a separate API call that is initiated by the third party EVV system. HHAX allows a maximum of five (5) calls per second per consumer.

## Record Processing Workflow and Endpoints

There are two types of messages provided to HHAX by the third-party provider or EVV vendor: (1) caregiver demographic data and (2) visit information. Note that caregiver data must be sent to HHAX first because an existing caregiver record is required for visit data to load successfully.

## Data Interchange File Format

The provider and/or EVV vendor provides data to HHAX in JavaScript Object Notation (JSON) format only.



## Security

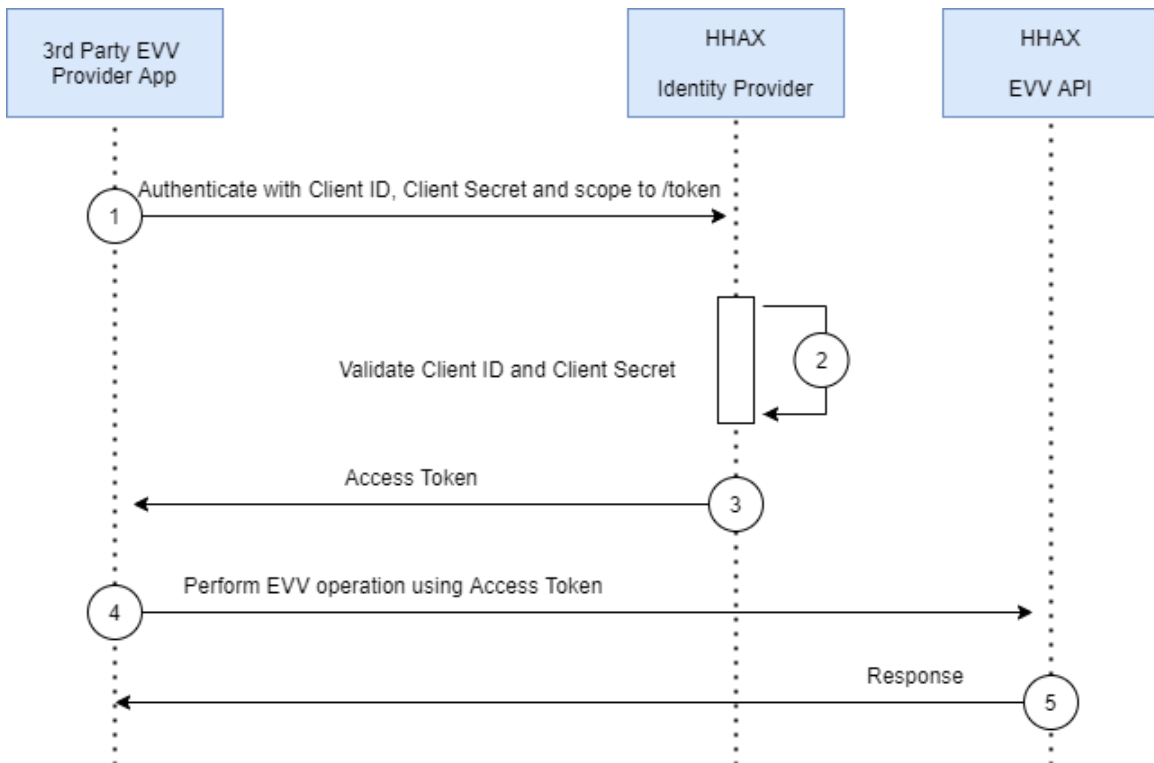
The EVV APIs are exposed as a Representational State Transfer (RESTful) secure Hypertext Transfer Protocol (HTTPS) web service for the third party EVV system. The API leverages the following HTTP request methods: POST, PUT, DELETE, and GET.

The security approach for EVV interfaces incorporate “Encryption” and “Authentication and Authorization”.

The EVV APIs:

- Use HTTPS with Security Socket Layer (SSL) encryption and Transport Layer Security (TLS) version 1.2. All communications with EVV APIs should be on TLS 1.2
- Leverage OAuth2 (client ID, client secret and scope) for authentication and authorization to enforce identity verification and authorization
- Accept the data of those providers which are mapped with client ID

Figure 1:API Interface Workflow





## Authentication Endpoint

Use Case	HTTP Verb	URI	Request Parameter			Response
			Type	Param	Value	
Generate Access Token before calling Caregiver / EVV API	POST	/identity/connect/token	BODY	client_id	Provided by HHAX	access_token
			BODY	client_secret	Provided by HHAX	
			BODY	scope	Provided by HHAX	

1. The third party EVV system sends a request to the HHAExchange Identity Server for an Access Token (OAuth 2.0) using the “client id”, “client secret” and “scope”
2. The HHAExchange Identity Server validates the request
3. The HHAExchange Identity Server then generates an Access Token if the request passes validation
4. The third party EVV system then initiates the EVV API call using the Access Token (set as bearer token in HTTP Header)
5. The HHAExchange EVV API validates the Access Token and sends a response back
6. The Access Token expires in 30 minutes. If the token expires, then the API returns 401 (Unauthorized) response. The third party EVV system must then generate a new access token
7. The third party EVV system must reuse the generated token until its expiration. The integration does not require a new token for each request.



## Caregiver Information

When the third party EVV system sends a Caregiver record, the Caregiver API processes it creates new record or updates existing record, and returns a status along with the transaction ID for reference. The Caregiver API might overwrite an existing record if found in the system. All data sent to HHAX is loaded as-is; there is no data manipulation when processing.

Figure 2: Caregiver Endpoint Workflow



API consumers must follow the rules below:

- Adhere to REST design principles while interacting with the API
- Protocol: secure HTTP (HTTPS)
- Communication Method: Use the appropriate Uniform Resource Identifier (URI) patterns along with HTTP verb (POST)
- Message Format (Request/Response): application/json
- Produce JSON payloads that meet the API specification (Refer to Appendix D)
- The API leverages the HTTP response status codes to inform the consumer (Refer to Appendix C)

## Caregiver Endpoint

Use Case	HTTP Verb	URI	Request Parameter			Response
			Type	Param	Value	
<b>Caregiver Request:</b> This can be used to create a new or update an existing caregiver record.	POST	/api/v{version}/caregivers	HEAD	Authorization	Bearer {value of token}	HTTP status code and Transaction ID
			BODY	Caregiver	Caregiver record	

**Note:** Refer to Appendix D for sample messages



## Caregiver Data Structure

Caregiver Demographics Interface					
Index	Element	Description	Max Length	Type	Required
1	providerTaxID	Provider Tax ID - Unique Identifier for the Provider Format: 999999999	9	String	Required
2	Qualifier	Identifier being sent as the unique identifier for the Caregiver Possible Values: ExternalID	50	String	Required
3	externalID	Unique Caregiver identifier in the external system	20	String	Required
4	Ssn	Social Security Number for Caregiver Format: 999999999	9	String	Required
5	dateOfBirth	Caregiver's Date of Birth Format: YYYY-MM-DD Cannot be greater than the current date	10	Date	Required
6	lastName	Caregiver's Last Name	30	String	Required
7	firstName	Caregiver's First Name	30	String	Required
8	Gender	Caregiver's Gender This is an HHAX application requirement. If you do not wish to send this, please default to 'Other' Possible Values: Male, Female, Other	20	String	Required
9	Email	Caregiver's Email Address If the value is empty, then the existing value of caregiver's email address in HHAExchange is removed	100	String	Optional
10	phoneNumber	Caregiver's Phone Number Format: 999999999 If the value is empty, then the existing value of caregiver's phone number in HHAExchange is removed	10	String	Optional





11	Type	<p>Caregiver's Type</p> <p>Possible Values: Skilled, Non-Skilled or Both</p> <p>Select 'Both' to reduce conflict rejections in the Visits endpoint when the Procedure Code attribute or skill type is unknown</p>	15	String	Required
12	stateRegistrationID	<p>Unique ID provided by State of AL Caregiver Registration System.</p> <p>If the value is empty, then the existing value of caregiver's state registration ID in HHAExchange is removed</p>	20	String	Optional
13	professionalLicenseNumber	<p>Unique ID provided to Caregiver once credentialed by state</p> <p>If providing self-directed services and license number is not available, please default to '999999999999'</p> <p>If the value is empty, then the existing value of Professional License Number in HHAExchange is removed</p>	50	String	Required
14	hireDate	<p>Date on which caregiver hired by Provider</p> <p>This is an HHAX application requirement. Providers and EVV vendors should default to sending 1900-01-02</p> <p>Format: YYYY-MM-DD</p>	10	Date	Required
15	<b>Address</b>				
	addressLine	Individual's street address	100	String	Optional
	addressLine	Individual's additional street address information, if applicable	50	String	Optional
	City	City	50	String	Optional
	State	State abbreviation (2 letter state code) e.g. AL	2	String	Required
	Zipcode	<p>ZIP Code (5 or 9-digit format i.e., 12345)</p> <p>Format: 99999 OR 999999999</p>	9	String	Require

**Notes:** Optional fields are not required



## Caregiver Record Validation Rules

- If data is received and any required elements are missing, distorted, or incomplete, then the record is rejected
- Records are processed in the order they are received
- For any field listed as data type 'string', if the field is longer than the maximum allowed in the specification, then HHAX truncates to the maximum length for that specific field
- The API allows an update of a Caregiver record if the Authentication Endpoint ClientID used when creating the record matches
- The Provider should be linked with the Authentication Endpoint ClientID to create or update Caregiver records via the API
- Refer to Appendix E for detailed error messages



## Electronic Visit Verification (EVV) Information

When the third party EVV system sends EVV records, the EVV API returns a transaction ID. This transaction ID can be queried by the caller (**Vendor/Provider**) to get status of the EVV records. Upon successful submission of an EVV record, an EVVMSID (unique visit identifier) is returned along with status. The EVVMSID can be used to update or delete that EVV record in the future. All data sent to HHAX is loaded as-is; there is no data manipulation when processing.

- Third party EVV systems can submit multiple EVV records (new or update) per request. Currently a maximum of 100 EVV records are allowed per request
- Third party EVV systems can submit EVV records from multiple providers.calltype
- If the EVV data does not pass validations, the records are rejected with the appropriate error code and message. The EVV Provider can react by resubmitting corrected EVV records

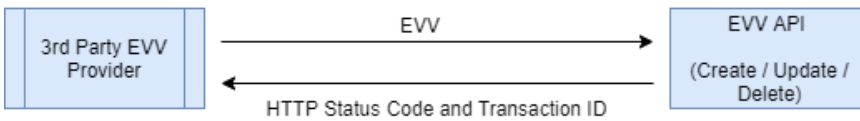
An option exists for the 3rd party EVV submitter to provide the EVVMSID. The external EVVMSID must be unique across agencies if the 3rd party is sending on behalf of multiple agencies using same Client ID.

- This value must be prefixed with a tilde ("~") sign to differentiate it from the HHAX derived EVVMSID
- The EVV submitter will be responsible to pass a Unique Visit Identifier as the EVVMSID for each new visit created in the system
- When selecting this option use the same EVVMSID **with the prefixed tilde** when calling the PUT and DELETE endpoints
  - Please note, approval to delete visits is required by the State of Alabama. Providers must contact the Alabama Medicaid Agency to receive an approval before deleting a valid visit. Providers will send their requests via email to Antoinette Hardy at [Antoinette.hardy@medicaid.alabama.gov](mailto:Antoinette.hardy@medicaid.alabama.gov) citing the reason(s) for the valid visit to be deleted.
- Using this option, the HHAX EVVMSID will still be returned in the transactions endpoint and can be used interchangeably.



Figure 3: Visit Endpoint Workflow

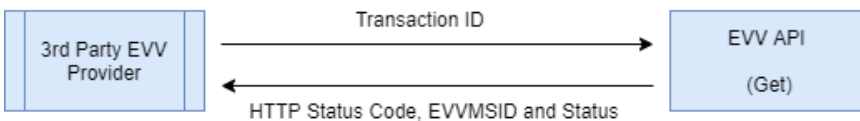
**Stage 1**



**Step 1.1:** The client app calls to the EVV endpoint.

**Step 1.2:** The endpoint responds with a 202, and callback url.

**Stage 2**



**Step 2.1:** The client app calls to the callback url.

**Step 2.2:** The callback endpoint responds with the information of the transaction done after Step 1 call.

API consumers must adhere to the following rules:

- Adhere to REST design principles while interacting with the API
- Protocol: secure HTTP (HTTPS)
- Communication Method: Use the appropriate URI patterns along with HTTP verb (POST, PUT, DELETE, and GET)
- Message Format (Request/Response): application/json
- Produce JSON payloads that meet the API specification (Refer to Appendix D)
- API leverages the HTTP response status codes to inform the consumer (Refer to Appendix C)

## Electronic Visit Verification (EVV) Endpoints

Use Case	HTTP Verb	URI	Request Parameter			Response
			Type	Param	Value	
<b>Batch EVV Request:</b> This can be used for submitting one or many visit records (New or Update EVV record).	POST	/api/v{version}/visits	HEAD	Authorization	Bearer {value of token}	HTTP status code and Transaction ID
			BODY	Visits	Array of visit records	
<b>Update EVV Request:</b> This can be used to update specific visit record.	PUT	/api/v{version}/visits/{evvmsid}	HEAD	Authorization	Bearer {value of token}	HTTP status code and Transaction ID
			BODY	Visit	visit record	
<b>Delete EVV Request:</b> This can be used to delete specific visit record.	DELETE	/api/v{version}/visits/{evvmsid}	HEAD	Authorization	Bearer {value of token}	HTTP status code and Transaction ID
<b>Check Transaction Status:</b> This can be used to get status of transaction which was submitted earlier.	GET	/api/v{version}/visits/transactions/{transactionid}	HEAD	Authorization	Bearer {value of token}	HTTP status code, EVVMSID and Status

**Note:** Refer to Appendix D for sample messages



## EVV Request Data Structure

### POST and PUT Operation

EVV Interface					
Index	Element	Description	Max Length	Type	Required?
1	providerTaxID	Provider Tax ID - Unique Identifier for the Provider Format: 999999999	9	String	Required
<b>Office</b>					
2	qualifier	Value being sent to uniquely identify the member. Possible Values: FederalTaxID, NPI If agency has multiple locations, HHAX expects to receive office-level tax ID or NPI If agency operates a single office location, same tax ID can be submitted as 'providerTaxID' above	50	String	Required
	identifier	Office identifier identified by Office Qualifier.	64	String	Required
<b>Member</b>					
3	qualifier	Value being sent to uniquely identify the member. Possible Values: MedicaidID	50	String	Required
	Identifier	Member identifier identified by Member Qualifier *Length of this field will be based on the qualifier (For MedicaidID, it will be 50 characters)	*64	String	Required
	admissionId	Secondary Member identifier. If patient has multiple profiles in HHAX, send both Member qualifier and Admission ID.	80	String	Optional
<b>Caregiver</b>					
4	qualifier	Value being sent to unique identify the Caregiver. Possible Values: ExternalID	50	String	Required
	identifier	Caregiver identifier identified by Caregiver Qualifier *Length of this field will be based on the qualifier (For ExternalID, it will be 20 characters)	*64	String	Required



ShiftSignOff					
5	employerInternalNumber	Identifier for Employer of Record <b>Note:</b> this field is required for FMS providers. <b>Required When:</b> When "Visit End Date Time" OR "EVV Clock In Time" is provided	10	String	Optional
	employerName	Identifier for Name of Employer of Record <b>Note:</b> this field is required for FMS providers. <b>Required When:</b> When "Visit End Date Time" OR "EVV Clock In Time" is provided	256	String	Optional
6	PayerID	HHAX assigned ID for the payer. Payer ID is determined during the implementation process Refer to Appendix B for code information.	50	String	Required
7	externalVisitID	Unique Visit identifier in the external system.	30	String	Required
8	evvmsId	Unique Visit identifier in the HHAX aggregator system <b>HHAX EVVMSID:</b> <ul style="list-style-type: none"> <li>Required for updates to the EVV record</li> </ul> <b>External EVVMSID:</b> <ul style="list-style-type: none"> <li>Required for creation and updates to the EVV record</li> <li>If externally sourced, must start with a "~" and contain alphanumeric, the "_" or "-" characters</li> </ul>	64	String	Situational
9	procedureCode	This is the billable procedure code which would be mapped to the associated service Refer to Appendix B for code information	50	String	Required
10	procedureModifierCode	Two characters Modifier for the HCPCS code for the 837. Up to 4 of these are allowed Please consult specific program requirements for exact usage Refer to Appendix B for code information	2	Array of String	Optional



11	timezone	<p>Time zone that the visit data is captured in Required time zone: US/Central</p> <p>All time sent to HHAX from third party provider will be in Coordinated Universal Time (UTC)</p> <p>Time zone values are based on the Internet Assigned Numbers Authority (IANA) Time Zone Database, which contains data that represents the history of local time for locations around the globe. It is updated periodically to reflect changes made by political bodies to time zone boundaries, UTC offsets, and daylight-saving rules</p>	20	String	Required
12	scheduleStartTime	<p>Schedule Start Time in UTC Time</p> <p>Format: YYYY-MM-DDThh:mm</p> <p>If the schedule already exists in HHAExchange, the Schedule Start Time is overwritten</p>		DateTime	Required
13	scheduleEndTime	<p>Schedule End Time in UTC Time</p> <p>Format: YYYY-MM-DDThh:mm</p> <p>If the schedule already exists in HHAExchange, the Schedule Start Time is overwritten</p>		DateTime	Required
14	visitStartDateTime	<p><b>When Required:</b> When "Visit End Date Time" OR "EVV Clock In Time" is provided</p> <p>Visit Start Time in UTC Time</p> <p>Format: YYYY-MM-DDThh:mm</p> <p>If a value is provided in this field, then the schedule is confirmed with the start time provided. Cannot be greater than current date</p> <p>If the value is empty, then the existing value of Visit Start Time in HHAExchange is removed</p>		DateTime	Situational
15	visitEndDateTime	<p><b>When Required:</b> When "EVV Clock Out Time" is provided</p> <p>Visit End Time in UTC Time</p> <p>Format: YYYY-MM-DDThh:mm</p> <p>If a value is provided in this field, then the Schedule is confirmed with the End Time provided. Must be greater than Visit Start Date Time. Cannot be greater than current date</p> <p>If the value is empty, then the existing value of Visit End Time in HHAExchange is removed</p>		DateTime	Situational



16	timesheetRequired	<p>Timesheet Required</p> <p>Possible Values: True or False</p> <p>An empty value is considered as "False"</p> <p>If the value is empty, then the existing value of Timesheet Required in HHAExchange is removed</p>		Boolean	Optional
17	timesheetApproved	<p>Timesheet Approved</p> <p>Possible Values: True or False</p> <p>An empty value is considered as "False"</p> <p>If the value is empty, then the existing value of Timesheet Approved in HHAExchange is removed</p> <p>If timesheetRequired is set as "False", then this field's value is ignored</p>		Boolean	Optional
EVV					
clockIn: When Required: if EVV Clock In Time is confirmed via EVV					
1	callDateTime	<p><b>When Required:</b> if EVV Clock In Time is confirmed via EVV</p> <p>EVV Clock In Time in UTC Time</p> <p>Format: YYYY-MM-DDThh:mm</p> <p>If a value is provided in this field, then the Visit Start Time is marked as confirmed via EVV; otherwise, it is considered manually confirmed if visitStartDateTime is provided</p>		DateTime	Situational
2	callType	<p><b>When Required:</b> if EVV Clock In Time is confirmed via EVV</p> <p>The type of device used to create the event. Values: Telephony, Mobile</p> <p>Any call with GPS data collected should be identified as Mobile</p> <p>If callDateTime is not provided, then API will ignore value in this field.</p>	20	String	Situational
3	callLatitude	<p><b>When Required:</b> - If EVV Clock In Time is confirmed by GPS (i.e., CallType = Mobile)</p> <p>GPS Latitude recorded during event. Latitude has a range of -90 to 90 with a 6-digit precision</p> <p>If callDateTime is not provided, then API will ignore value in this field.</p>		Decimal (8,6)	Situational





4	callLongitude	<p><b>When Required:</b> - If EVV Clock In Time is confirmed by GPS (i.e., CallType = Mobile)</p> <p>GPS Longitude recorded during event. Longitude has a range of -180 to 180 with a 6-digit precision</p> <p>If callDateTime is not provided, then API will ignore value in this field</p>		Decimal (9,6)	Situational
5	originatingPhoneNumber	<p><b>When Required:</b> - If EVV Clock In Time is confirmed by Telephony (i.e. CallType = Telephony)</p> <p>Originating Phone Number (Caller ID) for telephony</p> <p>Format: 9999999999</p> <p>If a value is provided in this field, then it is considered as a Telephony confirmation and this phone number is imported into HHAExchange</p> <p>If callDateTime is not provided, then API will ignore value in this field</p>	10	String	Situational
6	<b>serviceAddress</b>				
	addressLine1	<p>Individual's street address</p> <p>If callDateTime is not provided, then API will ignore value in this field</p>	100	String	Situational
	addressLine2	<p>Individual's additional street address information if applicable</p> <p>If callDateTime is not provided, then API will ignore value in this field</p>	50	String	Optional
	city	<p>City</p> <p>If callDateTime is not provided, then API will ignore value in this field</p>	50	String	Situational
	state	<p>State abbreviation (2 letter state code)</p> <p>If callDateTime is not provided, then API will ignore value in this field</p>	2	String	Situational
	zipcode	<p>ZIP Code (5 or 9-digit format i.e., 12345)</p> <p>Format: 99999 OR 999999999</p> <p>If callDateTime is not provided, then API will ignore value in this field.</p>	9	String	Situational
<b>clockOut: When Required: if EVV Clock Out Time is confirmed via EVV</b>					



1	callDateTime	<p><b>When Required:</b> if EVV Clock Out Time is confirmed via EVV</p> <p>EVV Clock Out Time in UTC Time</p> <p>Format: YYYY-MM-DDThh:mm</p> <p>If a value is provided in this field, then the Visit End Time is marked as confirmed via EVV; otherwise, it is considered manually confirmed if visitEndDateTime is provided</p>		DateTime	Situational
2	callType	<p><b>When Required:</b> if EVV Clock Out Time is confirmed via EVV</p> <p>The type of device used to create the event Values: Telephony, Mobile. Any call with GPS data collected should be identified as Mobile</p> <p>If callDateTime is not provided, then API will ignore value in this field</p>	20	String	Situational
3	callLatitude	<p><b>When Required:</b> - If EVV Clock In Time is confirmed by GPS (i.e., CallType = Mobile)</p> <p>GPS Latitude recorded during event. Latitude has a range of -90 to 90 with a 6-digit precision</p> <p>If callDateTime is not provided, then API will ignore value in this field</p>		Decimal (8,6)	Situational
4	callLongitude	<p><b>When Required:</b> - If EVV Clock Out Time is confirmed by GPS (i.e., CallType = Mobile)</p> <p>GPS Longitude recorded during event Longitude has a range of -180 to 180 with a 6-digit precision</p> <p>If callDateTime is not provided, then API will ignore value in this field</p>		Decimal (9,6)	Situational
5	originatingPhoneNumber	<p><b>When Required:</b> - If EVV Clock Out Time is confirmed by Telephony (i.e., CallType = Telephony)</p> <p>Originating Phone Number (Caller ID) for telephony</p> <p>Format: 9999999999</p> <p>If callDateTime is not provided, then API will ignore value in this field</p>	10	String	Situational



6	performedTasks	<p>List of performed task codes</p> <p>Refer to Appendix B for code information</p> <p><b>**Please note:</b> One personal care duty is required on all visits. If a duty code listed in Appendix B is not provided on the visit, the visit will be held in prebilling in HHAX. To alleviate the prebilling hold, the provider will be required to update the visit in their third party system with a duty and resend the visit to HHAX.</p>		Array of String	Situational
7	refusedTasks	<p>List of refused task codes</p> <p>Refer to Appendix B for code information</p> <p>If callDateTime is not provided, then API will ignore value in this field</p>		Array of String	Optional
8	<b>serviceAddress</b>				
	addressLine1	<p>Individual's street address</p> <p>If callDateTime is not provided, then API will ignore value in this field</p>	100	String	Situational
	addressLine2	<p>Individual's additional street address information if applicable</p> <p>If callDateTime is not provided, then API will ignore value in this field</p>	50	String	Optional
	city	<p>City</p> <p>If callDateTime is not provided, then API will ignore value in this field</p>	50	String	Situational
	state	<p>State abbreviation (2 letter state code)</p> <p>If callDateTime is not provided, then API will ignore value in this field</p>	2	String	Situational
	zipcode	<p>ZIP Code (5 or 9-digit format i.e., 12345)</p> <p>Format: 99999 OR 999999999</p> <p>If callDateTime is not provided, then API will ignore value in this field</p>	9	String	Situational
<b>missedVisit: When Required: When Visit is marked as Missed</b>					



1	missed	<p><b>When Required:</b> When Visit is marked as Missed</p> <p>Possible Values: True or False</p> <p>An empty value is considered as False</p> <p>If the value is True, then the Visit is marked as a 'Missed' Visit</p> <p>If False, then the Missed Visit is removed from HHAX if Visit was previously marked as missed and schedule reappears (if the Visit is not yet billed in HHAX)</p> <p>If the Visit is already billed in HHAX, then this flag is ignored</p>		Boolean	Situational
2	reasonCode	<p><b>When Required:</b> When Missed Visit = True</p> <p>Missed Visit Reason Code</p> <p>If the value is empty, then the existing value of Reason in HHAExchange is not removed</p> <p>Refer to Appendix B for code information</p> <p>If missed flag is not true, then API will ignore value in this field</p>	4	String	Situational
3	actionCode	<p><b>When Required:</b> When Missed Visit = True</p> <p>Missed Visit Action Code</p> <p>If the value is empty, then the existing value of Action Taken in HHAExchange is not removed</p> <p>Refer to Appendix B for code information</p> <p>If missed flag is not true, then API will ignore value in this field</p>	4	String	Situational
4	notes	<p>Free Text Notes - Data in this field is imported as Visit Notes</p> <p>Reason/Description of the change being made if entered</p> <p>If the value is empty, then the existing value of Notes in HHAExchange is not removed</p> <p>If missed flag is not true, then API will ignore value in this field</p>	256	String	Situational
<b>editVisit</b>					
1	edited	<p><b>When Required:</b> When Visit is updated after confirmation</p> <p>Possible Values: True or False</p> <p>If the value is True, then the Visit is considered as manually updated</p> <p>An empty value is considered as False</p>		Boolean	Situational



2	reasonCode	<p><b>When Required:</b> When Edit Visit = True</p> <p>Edit Visit Reason Code</p> <p>If the value is empty, then the existing value of Reason in HHAExchange is not removed</p> <p>Refer to Appendix B for code information</p> <p>If edited flag is not true, then API will ignore value in this field</p>	4	String	Situational
3	actionCode	<p><b>When Required:</b> When Edit Visit = True</p> <p>Edit Visit Action Code</p> <p>If the value is empty, then the existing value of Action Taken in HHAExchange is not removed</p> <p>Refer to Appendix B for code information</p> <p>If edited flag is not true, then API will ignore value in this field</p>	4	String	Situational
4	Notes	<p>Free Text Notes - Data in this field is imported as Visit Notes</p> <p>Reason/Description of the change being made if entered</p> <p>If the value is empty, then the existing value of Notes in HHAExchange is not removed</p> <p>If edited flag is not true, then API will ignore value in this field</p>	256	String	Situational

**Note:** Optional fields are not required. Situational fields are dependent on other fields and may be required as indicated. For example, if a Missed Visit is marked as True, then the Situational fields Missed Visit Reason Code and Missed Visit Action Code are required.

## EVV Record Validation Rules

- All timestamp data is to be sent in UTC (Coordinated Universal Time).
- If data is received and any required elements are missing, distorted, or incomplete, then the record is rejected.
- Records are processed in the order they are received.
- EVVMSID:
  - This element is unique and is assigned to each visit record sent to HHAX by the third party EVV system once the record enters HHAX's aggregator
  - This element is shared with the third party EVV system with the expectation that this is loaded and stored in the third party EVV system
  - This element should be sent by the third party EVV system to HHAX each time an update occurs on an existing record that is being resent to HHAX
- External EVVMSID (alternative):



- The external EVVMSID must be a combination of alphanumeric characters and can include dashes (“-”) or underscores (“\_”). The maximum length of the external EVVMSID is 64 characters (excluding the tilde)
- For any field listed as data type ‘string’, if the field is longer than the maximum allowed in the specification, then HHAX truncates to the maximum length for that specific field
- The API allows an update of the EVV record if the following fields match within the HHAX system:
  - ClientID
  - EVVMSID or External EVVMSID
  - Provider Federal Tax ID
  - Payer ID
- The API allows deletion of an EVV record if the following fields match within the HHAX system:
  - ClientID
  - EVVMSID or External EVVMSID
- If EVV Clock In is provided, then the EVV Clock Out is not mandatory. If the EVV Clock Out is provided, then the EVV Clock In is mandatory
- If visit start and end times are provided without EVV Clock In and Clock Out, then the visit is considered manually confirmed
- Once the visit is confirmed manually, then EVV Clock In/Out is not allowed in subsequent requests
- Once the EVV Clock In/Out is completed, then a change to an EVV Clock In/Out is not allowed in subsequent requests
- If the Provider sends visit data with missed visit information and Clock In/Out information, then the API rejects this request
- If the visit has already been marked as a missed visit and a provider sends an updated record with Clock In/Out information as well as the missed visit marked as ‘false’, then the API removes the original missed visit flag and capture the new Clock In/Out and missed visit ‘false’ information
- Provider should be linked with Authentication Endpoint Client ID to create or update EVV records via API
- Refer to Appendix F for detailed error messages

## Appendix A- Acronyms

Acronym	Literal Translation
API	Application Programming Interface
EVV	Electronic Visit Verification
JSON	JavaScript Object Notation
REST	Representational State Transfer
SSL/TSL	Secure Sockets Layer/Transport Layer Security
URL/URI	Uniform Resource Locator/Uniform Resource Identifier



## Appendix B - Code Information

Payer Initials	
MCO/Payer	Initials
AL Department of Mental Health	ALMH
AL Department of Rehab Services	ALRS
AL Department of Senior Services E&D	ALSS
AL Department of Senior Services ACT	ADSA
AL Medicaid Agency	ALMA

Procedure Codes			
Procedure Code	Description	Unit of Service	Payer
S5130:UA	E and D Homemaker Service	Hourly	ALSS
S5135:UA	E and D Companion Service	Hourly	ALSS
S5150:UA	E and D Unskilled Respite	Hourly	ALSS
T1005:UA	E and D Skilled Respite	Hourly	ALSS
T1019:UA	E and D Personal Care	Hourly	ALSS
T1019:UA:HX	E and D Personal Choices (Self-Directed)	Hourly	ALSS
X9990:UA	E and D Face to Face Visit	Visit	ALSS
X9999:UA	E and D Nurse Supervisory Visit	Visit	ALSS
T1019:U5:HX	TA Personal Choices (Self-Directed)	Hourly	ALSS
S5125:UB	SAIL Personal Assistant Services	Hourly	ALRS
S5150:UB	SAIL Unskilled Respite	Hourly	ALRS
T1019:UB	SAIL Personal Care	Hourly	ALRS
T1019:UB:HX	SAIL Personal Choices (Self-Directed)	Hourly	ALRS
X9990:UB	SAIL Face to Face Visit	Visit	ALRS
X9999:UB	SAIL Nurse Supervisory Visit	Visit	ALRS
99506:UC	ID Injection	Hourly	ALMH
99506:UD	LAH Injection	Hourly	ALMH
S5125	CWP Personal Assistant Community	Hourly	ALMH
S5125:HE	CWP Personal Assistant Home	Hourly	ALMH
S5125:HW	CWP Personal Assistant Community Self-Directed	Hourly	ALMH
S5125:HW:HE	CWP Personal Assistant Home Self-Directed	Hourly	ALMH
S5125:HW:HE:HO	CWP Personal Assistant Home Family Self-Directed	Hourly	ALMH
S5135:UC	ID Adult Companion Services	Hourly	ALMH
S5135:UC:HW	ID Adult Companion Services-SD	Hourly	ALMH
S5135:UC:HW:TU	ID Adult Companion Services - SD - Emergency Overtime	Hourly	ALMH
S5135:UD	LAH Adult Companion Care	Hourly	ALMH



S5135:UD:HW	LAH Adult Companion Care - SD	Hourly	ALMH
S5150:UC	ID Respite In-Home	Hourly	ALMH
S5150:UC:HW	ID Respite In-Home- SD	Hourly	ALMH
S5150:UD	LAH Respite In-Home	Hourly	ALMH
S5150:UD:HW	LAH Respite In-Home- SD	Hourly	ALMH
S9123	CWP Skilled Nursing RN	Hourly	ALMH
S9123:HW	CWP Skilled Nursing RN Self-Directed	Hourly	ALMH
S9123:UC	ID Skilled Nursing RN	Hourly	ALMH
S9123:UC:HW	ID Skilled Nursing-RN-SD	Hourly	ALMH
S9123:UC:HW:TU	ID Skilled Nursing RN-SD - Emergency Overtime	Hourly	ALMH
S9123:UC:TU	ID Skilled Nursing RN - Emergency Overtime	Hourly	ALMH
S9123:UD	LAH Skilled Nursing RN	Hourly	ALMH
S9123:UD:HW	LAH Skilled Nursing-RN-SD	Hourly	ALMH
S9123:UD:HW:TU	LAH Skilled Nursing-RN-SD - Emergency Overtime	Hourly	ALMH
S9123:UD:TU	LAH RN Nursing per Hour -Emergency Overtime	Hourly	ALMH
S9124	CWP Skilled Nursing LPN	Hourly	ALMH
S9124:HW	CWP Skilled Nursing LPN Self-Directed	Hourly	ALMH
S9124:UC	ID Skilled Nursing LPN	Hourly	ALMH
S9124:UC:HW	ID Skilled Nursing-LPN-SD	Hourly	ALMH
S9124:UC:HW:TU	ID Skilled Nursing-LPN-SD -Emergency Overtime	Hourly	ALMH
S9124:UD	LAH Skilled Nursing LPN	Hourly	ALMH
S9124:UD:HW	LAH Skilled Nursing-LPN-SD	Hourly	ALMH
S9124:UD:HW:TU	LAH LPN Nursing per hour - SD - Emergency Overtime	Hourly	ALMH
S9124:UD:TU	LAH LPN Nursing per hour - Emergency Overtime	Hourly	ALMH
T1019:UC	ID Personal Care	Hourly	ALMH
T1019:UC:HN	ID Personal Care-SD	Hourly	ALMH
T1019:UC:HN:TU	ID Personal Care-SD - Emergency Overtime	Hourly	ALMH
T1019:UD	LAH Personal Care	Hourly	ALMH
T1019:UD:HN	LAH Personal Care-SD	Hourly	ALMH
T1019:UD:HN:TU	LAH Personal Care-SD - Emergency Overtime	Hourly	ALMH
T1019:UD:TU	LAH Personal Care - Emergency Overtime	Hourly	ALMH
X9999	CWP Nurse Supervisory Visit	Visit	ALMH
X9999:UC	ID Nurse Supervisory Visit	Visit	ALMH
X9999:UD	LAH Nurse Supervisory Visit	Visit	ALMH
S5135:UC:TU	ID Adult Companion Services - SD- Emergency Overtime	Hourly	ALMH
S9124:UC:TU	ID Skilled Nursing LPN - Emergency Overtime	Hourly	ALMH
T1019:UC:TU	ID Personal Care - Emergency Overtime	Hourly	ALMH
S5135:UD:TU	LAH Adult Companion Services-Emergency Overtime	Hourly	ALMH





S5135:UD:HW:TU	LAH Self-Directed Adult Companion Services-Emergency Overtime	Hourly	ALMH
S5150:UD:TU	LAH Respite In home- Emergency Overtime	Hourly	ALMH
S5150:UC:TU	ID Respite In home- Emergency Overtime	Hourly	ALMH
S9123:U5	TA Private Duty Nursing RN	Hourly	ALMA
S9124:U5	TA Private Duty Nursing LPN	Hourly	ALMA
T1019:U5	TA Personal Care/Attendant Services	Hourly	ALMA
X9990:U5	TA Face to Face Visit	Visit	ALMA
X9999:U5	TA Nurse Supervisory Visit	Visit	ALMA
S5125:TF:UB	ACT Personal Assistant Services	Hourly	ADSA
S5130:TF:UB	ACT Homemaker Service	Hourly	ADSA
S5135:TF:UB	ACT Companion Service	Hourly	ADSA
S5150:TF:UB	ACT Unskilled Respite	Hourly	ADSA
S9123:TF:UB	ACT Skilled Nursing RN	Hourly	ADSA
S9124:TF:UB	ACT Skilled Nursing LPN	Hourly	ADSA
T1005:TF:UB	ACT Skilled Respite	Hourly	ADSA
T1019:TF:UB	ACT Personal Care	Hourly	ADSA
T1019:TF:HX	ACT Personal Choices (Self Directed)	Hourly	ADSA
X9990:TF:UB	ACT Face to Face Visit	Visit	ADSA
X9999:TF:UB	ACT Nurse Supervisory Visit	Visit	ADSA

Missed Visit Edit Reason Codes	
Code	Description
600	Agency unable to provide replacement coverage (no show, no replacement)
601	Attendant failed to report to Member's home
602	Client requested to change/cancel scheduled visit; or the scheduled visit has been cancelled due to the Client's services being suspended
603	Client Refused Service
604	Client is in Hospital
605	Natural Disaster
606	Other-Client Driven- justify in notes
607	Client is deceased
608	Client is in Nursing Home
609	Other



### Missed Visit Edit Action Taken

Code	Description
506	Other

### Visit Edit Reason Codes

Code	Description
200	Natural Disaster
201	Technical issues (Internet or EVV system down)
202	Other

### Visit Edit Action Taken

Code	Description
126	Other

### Duties

Code	Task
145	Other skilled needs
160	Administer medications and treatments prescribed by a licensed or otherwise legally authorized physician or dentist
161	Provide education and training designed to maintain access to an appropriate level of health care.
162	Administer skilled services as ordered by the physician.
163	Evaluate effectiveness of nursing services and report changes in client's condition as warranted.
164	Provide skilled medical observation, monitor client's physical, mental, or emotional conditions and report any changes.
165	Orient the client to daily events
166	Observe home safety to include home's surroundings and report concerns to case manager.
167	Accompany client to medical appointments, if necessary.
168	In emergency, accompany client to ER via ambulance
176	Suction
179	Other
189	Essential shopping
190	Transportation to and from work
192	Toileting
193	Medication monitoring
194	Entering or exiting doors
211	Make bed/Change linen
212	Dust/Sweep/Vacuum
213	Clean/Defrost refrigerator
214	Clean stove/oven
215	Damp mop
216	Wash dishes
217	Empty trash
219	Clean bathroom
220	Clean living area
222	Iron/mend clothes



Duties	
Code	Task
223	Prescribed diet assist
224	Grocery shopping
225	Pick up medications
226	Remind to take meds
227	Pay bills
228	Phone-assist with use
229	Letters – read/write/mail
230	Observe/Report to client
231	Ensure home safety
235	Bathe/groom/hygiene
236	Skin/Hair/Oral
237	Nail Care
238	Shave
239	Dress client
240	Bowel/Bladder
241	Turn Client
244	Meal/Snack Preparation
245	Feed Client
246	Housekeeping light
247	Laundry light
248	Transfer bed/chair
249	Ambulation-assist
255	Supervise/Observe
257	Laundry-Assist/sup
260	Remind mean/snack
262	Grocery-accompany

Please note, Alabama Medicaid has a maximum check out window in place per service code. This information can be referenced in the policies and procedures contract given to the provider agency.

## Appendix C - HTTP Response Status Codes

The APIs follow REST design principles and return an HTTP response status code. The following series of status codes can be categorized:

- 2xx: Success – This status code class indicates that the client's request was successfully received, understood, and accepted.
- 4xx: Client Error – This status code class indicates that the client seems to have erred. The EVV Providers must take an action to resolve the returned error.
- 5xx: Server Error – This status code class indicates that the server is responsible for the status code errors. HHAeXchange must take an action to resolve the error.

The following are the HTTP Response Status Codes returned by the APIs and their meaning.

HTTP Status Code	Result	Status	Description
------------------	--------	--------	-------------



200	Success	OK	Standard response for successful HTTP requests.
201		Created	The request has been fulfilled and resulted in a new resource being created.
202		Accepted	The request has been accepted for processing, but the processing has not been completed. The request might or might not eventually be acted upon, as it might be disallowed when processing takes place.
204		No Content	The request has been fulfilled and result has returned nothing based on input values
400	Client Error	Bad Request	The request cannot be fulfilled due to bad syntax. General error when fulfilling the request would cause an invalid state. Domain validation errors, missing data, etc. are some examples.
401		Unauthorized	The request requires user authentication information. The response must include a WWW-Authenticate header field containing a challenge applicable to the requested resource.
403		Forbidden	The client does not have access rights to the content. Unlike 401, the client's identity is known to the server. Contact HHAExchange at <a href="#">3rd Party Integration Support Desk</a> to gain permission to access the API.
404		Not Found	The requested resource could not be found but may be available again in the future. Subsequent requests by the client are permissible.
429		Too Many Requests	The user has sent too many requests in a given amount of time. Intended for use with rate limiting schemes.
500	Server Error	Internal Server Error	The server encountered an unexpected condition which prevented it from fulfilling the request. The request can be tried again once the API issues have been resolved.



## Appendix D - YAML Specification

### YAML

```
openapi: 3.0.1
info:
  title: Electronic Visit Verification Aggregator API
  description: This HHAExchange service will enable Providers and Vendors in
the HealthCare space to upload their Electronic Visit Verification
information to the selected State Aggregator to achieve compliance with the
21st Century Cures Act.
  version: v1
paths:
  '/api/v{version}/caregivers':
    post:
      tags:
        - Caregivers
      parameters:
        - name: version
          in: path
          required: true
          schema:
            type: string
      requestBody:
        content:
          application/json:
            schema:
              $ref: '#/components/schemas/Caregiver'
      responses:
        '200':
          description: Success
        '400':
          description: Bad Request
          content:
            application/json:
              schema:
                $ref: '#/components/schemas/ProblemDetails'
        '500':
          description: Server Error
  '/api/v{version}/visits':
    post:
      tags:
        - Visits
      summary: Create/Update visit in batch.
      parameters:
        - name: version
          in: path
          required: true
          schema:
            type: string
      requestBody:
        description: Visit Information.
        content:
          application/json:
            schema:
              $ref: '#/components/schemas/Visits'
```



```
responses:
  '202':
    description: Success
  '400':
    description: Bad Request
    content:
      application/json:
        schema:
          $ref: '#/components/schemas/ProblemDetails'
  '500':
    description: Server Error
'/api/v{version}/visits/{evmsid}':
  put:
    tags:
      - Visits
    summary: Update existing visit.
    parameters:
      - name: version
        in: path
        required: true
        schema:
          type: string
      - name: evmsid
        in: path
        required: true
        schema:
          type: string
    requestBody:
      description: Visit Information.
      content:
        application/json:
          schema:
            $ref: '#/components/schemas/Visit'
    responses:
      '202':
        description: Success
      '500':
        description: Server Error
  delete:
    tags:
      - Visits
    summary: Delete existing visit.
    parameters:
      - name: evmsid
        in: path
        description: The Unique Visit identifier in the HHAX Aggregator.
        required: true
        schema:
          maxLength: 64
          type: string
          description: The Unique Visit identifier in the HHAX Aggregator.
          example: BA505E35-B6BD-4895-B93C-A63127A6BB99
      - name: version
        in: path
        required: true
        schema:
          type: string
```



```
responses:
  '202':
    description: Success
  '500':
    description: Server Error
'/api/v{version}/visits/transactions/{transactionId}':
get:
  tags:
    - Visits
  summary: Get transaction details.
  parameters:
    - name: transactionId
      in: path
      description: Gets or Sets The Unique Visit transactionId in the
HHAX Aggregator.
      required: true
      schema:
        maxLength: 64
        type: string
        description: Gets or Sets The Unique Visit transactionId in the
HHAX Aggregator.
    - name: version
      in: path
      required: true
      schema:
        type: string
  responses:
    '200':
      description: Success
    '204':
      description: Success
    '500':
      description: Server Error
components:
  schemas:
    Address:
      required:
        - state
        - zipcode
      type: object
      properties:
        addressLine1:
          maxLength: 100
          type: string
          description: Individual's street address.
          nullable: true
          example: 0 Airport 200 Riser Rd
        addressLine2:
          maxLength: 50
          type: string
          description: Individual's additional street address information if
applicable.
          nullable: true
          example: Little Ferry
        city:
          maxLength: 50
          type: string
```



```
description: city.
nullable: true
example: Montclair
state:
  maxLength: 2
  type: string
  description: State abbreviation.
  example: NJ
zipcode:
  maxLength: 9
  type: string
  description: 'Zip Code (5 or 9-digit format i.e., 12345). Format:
99999 OR 999999999.'
  example: '07643'
additionalProperties: false
Caregiver:
  required:
    - dateOfBirth
    - externalID
    - firstName
    - gender
    - hireDate
    - lastName
    - professionalLicenseNumber
    - providerTaxId
    - qualifier
    - ssn
    - type
  type: object
  properties:
    providerTaxId:
      maxLength: 9
      type: string
      description: Provider Tax ID - Unique Identifier for the Provider.
      example: '999999999'
    qualifier:
      maxLength: 50
      type: string
      description: 'Identifier being sent as the unique identifier for
the Caregiver. Values: NPI.'
      example: ExternalID
    externalID:
      maxLength: 20
      type: string
      description: Unique Caregiver identifier in the external system.
    ssn:
      maxLength: 9
      type: string
      description: 'Social Security Number of the Caregiver (Format:
999999999) '
      example: 999999999
    dateOfBirth:
      type: string
      description: 'Caregiver''s Date of Birth (Format: YYYY-MM-DD) '
      format: date
    lastName:
      maxLength: 30
```





```
    type: string
    description: Caregiver's Last Name
  firstName:
    maxLength: 30
    type: string
    description: Caregiver's First Name
  gender:
    maxLength: 20
    type: string
    description: 'Caregiver's Gender Values: Male, Female, Other'
    example: Male
  email:
    maxLength: 100
    type: string
    description: Caregiver's Email Address
    nullable: true
  phoneNumber:
    maxLength: 10
    type: string
    description: Caregiver's Phone Number.
    nullable: true
  type:
    maxLength: 15
    type: string
    description: 'Caregiver's Type. Value: Both'
    example: Both
  stateRegistrationID:
    maxLength: 20
    type: string
    description: Unique ID provided by State of NJ Caregiver
Registration System.
    nullable: true
  professionalLicenseNumber:
    maxLength: 50
    type: string
    description: Unique ID provided to Caregiver once credentialed by
state.
  hireDate:
    type: string
    description: 'Date on which caregiver hired by Provider (Format:
YYYY-MM-DD) '
    format: date
  address:
    $ref: '#/components/schemas/Address'
  additionalProperties: false
  ProblemDetails:
    type: object
    properties:
      type:
        type: string
        nullable: true
      title:
        type: string
        nullable: true
      status:
        type: integer
        format: int32
```



```
    nullable: true
  detail:
    type: string
    nullable: true
  instance:
    type: string
    nullable: true
  additionalProperties: {}
Office:
  required:
  - identifier
  - qualifier
  type: object
  properties:
    qualifier:
      maxLength: 50
      type: string
      description: Value being sent to uniquely identify the Office.
      example: NPI
    identifier:
      maxLength: 64
      type: string
      description: Office identifier identified by Office Qualifier.
      example: '123456789'
  additionalProperties: false
  description: Unique Identifier for the Provider and Office.
Member:
  required:
  - identifier
  - qualifier
  type: object
  properties:
    qualifier:
      maxLength: 50
      type: string
      description: Value being sent to uniquely identify the member.
      example: MedicaidID
    identifier:
      maxLength: 64
      type: string
      description: Member identifier identified by Member Qualifier.
      example: 1EG4TE5NL74
  additionalProperties: false
  description: Value being sent to uniquely identify the member.
CaregiverInfo:
  required:
  - identifier
  - qualifier
  type: object
  properties:
    qualifier:
      maxLength: 50
      type: string
      description: 'Value being sent to unique identify the Caregiver.
Values:NPI.'
      example: NPI
    identifier:
```



```
maxLength: 64
type: string
description: Caregiver identifier identified by Caregiver
Qualifier.
  example: '1001'
  additionalProperties: false
  description: Value being sent to unique identify the Caregiver.
ServiceAddress:
  type: object
  properties:
    addressLine1:
      type: string
      description: Individual's street address.
      nullable: true
      example: 0 Airport 200 Riser Rd
    addressLine2:
      type: string
      description: Individual's additional street address information if
applicable.
      nullable: true
      example: Little Ferry
    city:
      type: string
      description: Individual's city.
      nullable: true
      example: New Jersey
    state:
      type: string
      description: Individual's State abbreviation.
      nullable: true
      example: NJ
    zipcode:
      type: string
      description: 'Individual's Zip Code (5 or 9-digit format i.e.,
12345). Format: 99999 OR 999999999.'
      nullable: true
      example: '07643'
  additionalProperties: false
ClockIn:
  type: object
  properties:
    callDateTime:
      type: string
      description: 'EVV Call Time in UTC Time. (Format: YYYY-MM-DDThh:mm) '
      format: date-time
      nullable: true
      example: '2020-09-23T13:16:00.0000000'
    callType:
      maxLength: 20
      type: string
      description: 'The type of device used to create the event. Values:
Telephony, Mobile. Any call with GPS data collected should be identified as
Mobile.'
      nullable: true
      example: Mobile
    callLatitude:
      type: number
```



```
description: GPS Latitude recorded during event. Latitude has a
range of of -90 to 90 with a 6-digit precision.
format: double
example: 89.125345
callLongitude:
type: number
description: GPS Longitude recorded during event. Longitude has a
range of -180 to 180 with a 6-digit precision.
format: double
example: 90.125345
originatingPhoneNumber:
maxLength: 10
type: string
description: 'Originating Phone Number (Caller ID) for
telephony.(Format: 9999999999).'
```

```
nullable: true
example: '1234567890'
serviceAddress:
$ref: '#/components/schemas/ServiceAddress'
additionalProperties: false
description: Contains properties related to Clock In/Clock Out
operation.
Task:
type: object
properties:
code:
type: string
description: Gets or Sets task code.
nullable: true
example: '101'
additionalProperties: false
description: Contains task related properties.
ClockOut:
type: object
properties:
callDateTime:
type: string
description: 'EVV Call Time in UTC Time.(Format: YYYY-MM-DDThh:mm)'
```

```
format: date-time
example: '2020-09-23T13:16:00.0000000'
callType:
maxLength: 20
type: string
description: 'The type of device used to create the event. Values:
Telephony, Mobile. Any call with GPS data collected should be identified as
Mobile.'
```

```
nullable: true
example: Mobile
callLatitude:
type: number
description: GPS Latitude recorded during event. Latitude has a
range of of -90 to 90 with a 6-digit precision.
format: double
example: 89.125345
callLongitude:
type: number
```



```
description: GPS Longitude recorded during event. Longitude has a
range of -180 to 180 with a 6-digit precision.
format: double
example: 90.125345
originatingPhoneNumber:
maxLength: 10
type: string
description: 'Originating Phone Number (Caller ID) for
telephony.(Format: 9999999999).'
```

```
nullable: true
example: '1234567890'
serviceAddress:
$ref: '#/components/schemas/ServiceAddress'
additionalProperties: false
description: Contains properties regarding to Clock In operation.
EVV:
type: object
properties:
clockIn:
$ref: '#/components/schemas/ClockIn'
clockOut:
$ref: '#/components/schemas/ClockOut'
additionalProperties: false
description: Contains properties related to EVV Clock In/Clock Out.
MissedVisit:
type: object
properties:
reasonCode:
maxLength: 4
type: string
description: Reason Code for the change.
nullable: true
example: '1234'
notes:
maxLength: 256
type: string
description: Reason/Description of the change being made if
entered.
nullable: true
example: ''
missed:
type: boolean
description: The Visit is marked as a 'Missed' Visit.
example: true
actionCode:
maxLength: 4
type: string
description: Missed Visit Action Code.
nullable: true
example: '1234'
additionalProperties: false
description: Contains properties related to missed visit.
EditVisit:
type: object
properties:
reasonCode:
maxLength: 4
```



```
    type: string
    description: Reason Code for the change.
    nullable: true
    example: '1234'
  notes:
    maxLength: 256
    type: string
    description: Reason/Description of the change being made if
entered.
    nullable: true
    example: ''
  edited:
    type: boolean
    description: The Visit is considered as manually updated.
    example: true
  actionCode:
    maxLength: 4
    type: string
    description: Edit Visit Action Code.
    nullable: true
    example: '1234'
  additionalProperties: false
  description: Contains properties related to edit visit.

Visit:
  required:
    - externalVisitId
    - payerId
    - procedureCode
    - providerTaxId
    - scheduleEndTime
    - scheduleStartTime
    - timezone
  type: object
  properties:
    providerTaxId:
      maxLength: 9
      type: string
      description: 'Provider Tax ID - Unique Identifier for the
Provider.(Format: 999999999)'
      example: '999999999'
    office:
      $ref: '#/components/schemas/Office'
    member:
      $ref: '#/components/schemas/Member'
    caregiver:
      $ref: '#/components/schemas/CaregiverInfo'
    payerId:
      maxLength: 50
      type: string
      description: HHAX assigned ID for the payer. Payer ID is determined
during the implementation process.
      example: ACS
    externalVisitId:
      maxLength: 30
      type: string
      description: Unique Visit identifier in the external system.
```



```
    example: '101'
  evvmsid:
    maxLength: 64
    type: string
    description: Unique Visit identifier in the HHAX aggregator system.
    nullable: true
    example: ffa4e144-1ba3-49b8-a41f-6ed777412a8d
  procedureCode:
    maxLength: 50
    type: string
    description: This is the billable procedure code which would be
mapped to the associated service.
    example: T019
  procedureModifierCode:
    maxItems: 4
    type: array
    items:
      type: string
      description: Two characters Modifier for the HCPCS code for the
837. Up to 4 of these are allowed. Please consult specific program
requirements for exact usage.
      nullable: true
  timezone:
    maxLength: 20
    type: string
    description: "Time zone visit data is captured in. Value:
US/Eastern."
    example: US/Eastern
  scheduleStartTime:
    type: string
    description: 'Schedule Start Time in UTC Time. (Format: YYYY-MM-
DDThh:mm) '
    format: date-time
    example: '2020-09-23T12:16:00.0000000'
  scheduleEndTime:
    type: string
    description: 'Schedule End Time in UTC Time. (Format: YYYY-MM-
DDThh:mm) '
    format: date-time
    example: '2020-09-23T13:16:00.0000000'
  visitStartDateTime:
    type: string
    description: 'Visit Start Time in UTC Time. (Format: YYYY-MM-
DDThh:mm) '
    format: date-time
    nullable: true
    example: '2020-09-23T12:16:00.0000000'
  visitEndDateTime:
    type: string
    description: 'Visit End Time in UTC Time. (Format: YYYY-MM-
DDThh:mm) '
    format: date-time
    nullable: true
    example: '2020-09-23T13:16:00.0000000'
  timesheetRequired:
    type: boolean
    description: Timesheet Required.
```



```
    example: true
  timesheetApproved:
    type: boolean
    description: Timesheet is Approved.
    example: true
  evv:
    $ref: '#/components/schemas/EVV'
  missedVisit:
    $ref: '#/components/schemas/MissedVisit'
  editVisit:
    $ref: '#/components/schemas/EditVisit'
  billing:
    $ref: '#/components/schemas/Billing'
  billSecondaryPayer:
    $ref: '#/components/schemas/BillSecondaryPayer'
  additionalProperties: false
  description: Create new visit command.
  Visits:
    type: object
    properties:
      visits:
        type: array
        items:
          $ref: '#/components/schemas/Visit'
          description: Gets or sets list of visit info.
          nullable: true
        additionalProperties: false
        description: Create new bulk visit command.
  securitySchemes:
    oauth2:
      type: oauth2
      flows:
        clientCredentials:
          tokenUrl:
            'https://implementation.hhaexchange.com/identity/connect/token'
          scopes:
            'write:aggregator': Aggregator API Access
  security:
    - oauth2:
      - 'write:aggregator'
```





## Sample Transactions

POST Request - Caregiver Request

**Use Case:** I want to create a new caregiver record.

<BASE URI>/api/v v{version}/caregivers

<b>Test</b>	<a href="https://implementation.hhaexchange.com/api/v1/caregivers">https://implementation.hhaexchange.com/api/v1/caregivers</a>
<b>Production</b>	<a href="https://app.hhaexchange.com/api/v1/caregivers">https://app.hhaexchange.com/api/v1/caregivers</a>

```
{
  "providerTaxId": "242342342",
  "qualifier": "NPI",
  "externalID": "123456",
  "ssn": "123456789",
  "dateOfBirth": "1985-09-19",
  "lastName": "Doe",
  "firstName": "John",
  "gender": "Male",
  "email": "jd@axyz.com",
  "phoneNumber": "9898878776",
  "type": "Both",
  "stateRegistrationID": "1234565",
  "professionalLicenseNumber": "12344321",
  "hireDate": "2019-01-19",
  "address": {
    "addressLine1": "30 Fremont Ave ",
    "addressLine2": "Street Two",
    "city": "Newark",
    "state": "TX",
    "zipcode": "071011111"
  }
}
```

POST Request – Batch EVV Request

**Use Case:** I want to submit a batch EVV request (one or more visit records).

<BASE URI>/api/v v{version}/visits

<b>Test</b>	<a href="https://implementation.hhaexchange.com/api/v1/visits">https://implementation.hhaexchange.com/api/v1/visits</a>
<b>Production</b>	<a href="https://app.hhaexchange.com/api/v1/visits">https://app.hhaexchange.com/api/v1/visits</a>

```
{
  "visits": [
    {
      "providerTaxId": "912347893",
      "office": {
        "qualifier": "NPI",
        "identifier": "1234567890"
      }
    }
  ]
}
```



```
},
"member": {
  "qualifier": "MedicaidID",
  "identifier": "1EG4TE5NL74"
},
"caregiver": {
  "qualifier": "ExternalID",
  "identifier": "123456"
},
"payerId": "WCNJ",
"externalVisitId": "101",
"evmsid": "ffa4e144-1ba3-49b8-a41f-6ed777412a8d",
"procedureCode": "T019",
"procedureModifierCode": [
  "HQ"
],
"timezone": "US/Eastern",
"scheduleStartTime": "2020-09-23T12:16:00.00",
"scheduleEndTime": "2020-09-23T13:16:00.00",
"visitStartDateTime": "2020-09-23T12:16:00.00",
"visitEndDateTime": "2020-09-23T13:16:00.00",
"timesheetRequired": true,
"timesheetApproved": true,
"evv": {
  "clockIn": {
    "callDateTime": "2020-09-23T13:16:00.00",
    "callType": "Mobile",
    "callLatitude": 90.125345,
    "callLongitude": 90.125345,
    "originatingPhoneNumber": "1234567890",
    "serviceAddress": {
      "addressLine1": "O Airport 200 Riser Rd",
      "addressLine2": "Little Ferry",
      "city": "Montclair",
      "state": "TX",
      "zipcode": "07042"
    }
  },
  "clockOut": {
    "callDateTime": "2020-09-23T13:16:00.0000000",
    "callType": "Mobile",
    "callLatitude": 90.125345,
    "callLongitude": 90.125345,
    "originatingPhoneNumber": "",
    "serviceAddress": {
      "addressLine1": "O Airport 200 Riser Rd",
      "addressLine2": "Little Ferry",
      "city": "Montclair",
      "state": "TX",
      "zipcode": "07042"
    }
  },
  "performedTasks": [
    {
      "code": "115"
    }
  ],
  "refusedTasks": [
```



```
        {
          "code": "116"
        }
      ]
    }
  },
  "missedVisit": {
    "missed": false,
    "reasonCode": "",
    "actionCode": "",
    "notes": ""
  },
  "editVisit": {
    "edited": true,
    "reasonCode": "200",
    "actionCode": "100",
    "notes": ""
  },
  {
    "providerTaxId": "912347893",
    "office": {
      "qualifier": "NPI",
      "identifier": "1234567890"
    },
    "member": {
      "qualifier": "MedicaidID",
      "identifier": "1EG4TE5NL74"
    },
    "caregiver": {
      "qualifier": "ExternalID",
      "identifier": "123456"
    },
    "payerId": "WCNJ",
    "externalVisitId": "101",
    "evvmsid": "",
    "procedureCode": "T019",
    "procedureModifierCode": [],
    "timezone": "US/Eastern",
    "scheduleStartTime": "2020-09-24T12:16:00.00",
    "scheduleEndTime": "2020-09-24T13:16:00.00",
    "visitStartDateTime": "2020-09-24T12:16:00.00",
    "visitEndDateTime": "2020-09-24T13:16:00.00",
    "timesheetRequired": true,
    "timesheetApproved": true,
    "evv": {
      "clockIn": {
        "callDateTime": "2020-09-24T13:16:00.00",
        "callType": "Mobile",
        "callLatitude": 90.125345,
        "callLongitude": 90.125345,
        "originatingPhoneNumber": "",
        "serviceAddress": {
          "addressLine1": "O Airport 200 Riser Rd",
          "addressLine2": "Little Ferry",
          "city": "Montclair",
          "state": "TX",

```



```

    "zipcode": "07042"
  },
  "clockOut": {
    "callDateTime": "2020-09-24T13:16:00.0000000",
    "callType": "Mobile",
    "callLatitude": 90.125345,
    "callLongitude": 90.125345,
    "originatingPhoneNumber": "1234567890",
    "serviceAddress": {
      "addressLine1": "O Airport 200 Riser Rd",
      "addressLine2": "Little Ferry",
      "city": "Montclair",
      "state": "TX",
      "zipcode": "07042"
    },
    "performedTasks": [
      {
        "code": "115"
      }
    ],
    "refusedTasks": [
      {
        "code": "116"
      }
    ]
  },
  "missedVisit": {
    "missed": false,
    "reasonCode": "",
    "actionCode": "",
    "notes": ""
  },
  "editVisit": {
    "edited": false,
    "reasonCode": "",
    "actionCode": "",
    "notes": ""
  },
},

```

POST Request – Update EVV Request

Use Case: I want to update a single visit record.

<BASE URI>/api/v v{version}/visits/{evvmsid}

<b>Test</b>	<a href="https://implementation.hhaexchange.com/api/v1/visits/ffa4e144-1ba3-49b8-a41f-6ed777412a8d">https://implementation.hhaexchange.com/api/v1/visits/ffa4e144-1ba3-49b8-a41f-6ed777412a8d</a>
<b>Production</b>	<a href="https://app.hhaexchange.com/api/v1/visits/ffa4e144-1ba3-49b8-a41f-6ed777412a8d">https://app.hhaexchange.com/api/v1/visits/ffa4e144-1ba3-49b8-a41f-6ed777412a8d</a>

```

{
  "providerTaxId": "912347893",
  "office": {
    "qualifier": "NPI",

```



```
"identifier": "1234567890"
},
"member": {
  "qualifier": "MedicaidID",
  "identifier": "1EG4TE5NL74"
},
"caregiver": {
  "qualifier": "ExternalID",
  "identifier": "123456"
},
"payerId": "WCNJ",
"externalVisitId": "101",
"evvmsid": "ffa4e144-1ba3-49b8-a41f-6ed777412a8d",
"procedureCode": "T019",
"procedureModifierCode": [
  "HQ"
],
"timezone": "US/Eastern",
"scheduleStartTime": "2020-09-23T12:16:00.00",
"scheduleEndTime": "2020-09-23T13:16:00.00",
"visitStartDateTime": "2020-09-23T12:16:00.00",
"visitEndDateTime": "2020-09-23T13:16:00.00",
"timesheetRequired": true,
"timesheetApproved": true,
"evv": {
  "clockIn": {
    "callDateTime": "2020-09-23T13:16:00.00",
    "callType": "Mobile",
    "callLatitude": 90.125345,
    "callLongitude": 90.125345,
    "originatingPhoneNumber": "1234567890",
    "serviceAddress": {
      "addressLine1": "O Airport 200 Riser Rd",
      "addressLine2": "Little Ferry",
      "city": "Montclair",
      "state": "TX",
      "zipcode": "07042"
    }
  },
  "clockOut": {
    "callDateTime": "2020-09-23T13:16:00.0000000",
    "callType": "Mobile",
    "callLatitude": 90.125345,
    "callLongitude": 90.125345,
    "originatingPhoneNumber": "1234567890",
    "serviceAddress": {
      "addressLine1": "O Airport 200 Riser Rd",
      "addressLine2": "Little Ferry",
      "city": "Montclair",
      "state": "TX",
      "zipcode": "07042"
    }
  },
  "performedTasks": [
    {
      "code": "115"
    }
  ]
},
],
```



```
    "refusedTasks": [
      {
        "code": "116"
      }
    ]
  },
  "missedVisit": {
    "missed": false,
    "reasonCode": "",
    "actionCode": "",
    "notes": ""
  },
  "editVisit": {
    "edited": true,
    "reasonCode": "200",
    "actionCode": "100",
    "notes": ""
  },
},
}
```

## Appendix E – Caregiver Error Messages

Element	Error Code	Error Message	Action
providerTaxID	102001	Provider Tax ID is required	Include the Provider Federal Tax ID and call API.
providerTaxID	102002	Provider is not found based on Provider Tax ID	The Provider was not found. Provide the correct federal Tax ID and call API.
providerTaxID	102003	Provider is not active	Use a Provider that is active and call API.
providerTaxID	102004	Invalid Provider Tax ID format	Review the EVV Data Aggregator Specification and confirm that your data is in the required format. Make the required changes and call API.
qualifier	102005	Invalid Qualifier value	Correct the Caregiver's Qualifier and call API.
qualifier	102006	Multiple Caregiver records found based on Qualifier value. Please provide unique identifier	Use a Caregiver Qualifier that is unique for this Caregiver and call API.
externalID	102007	Unique Caregiver identifier in the external system is required	Include the External ID and call API.
Ssn	102008	Caregiver's SSN is required	Include the Caregiver's SSN and call API.
Ssn	102009	Invalid Caregiver's SSN format	Review the EVV Data Aggregator Specification and confirm that your data is in the required format. Make the required changes and call API.



Element	Error Code	Error Message	Action
dateOfBirth	102010	Caregiver's Date of Birth is required	Include the Caregiver's Date of Birth and call API.
dateOfBirth	102011	Caregiver's Date of Birth value should be less than current date	The Caregiver's Date of Birth is using a date in the future. Resolve issue and call API.
lastName	102012	Caregiver's Last Name is required	Include the Caregiver's Last Name and call API.
firstName	102013	Caregiver's FirstName is required	Include the Caregiver's First Name and call API.
gender	102014	Caregiver's Gender Is required	Include the Caregiver's Gender and call API. If you do not wish to send the gender, enter 'Other'.
gender	102015	Invalid Caregiver's Gender value	Correct the Caregiver's Gender and call API. If you do not wish to send the gender, enter 'Other'.
email	102016	Invalid Caregiver's Email Format	Review the EVV Data Aggregator Specification and confirm that your data is in the required format. Make the required changes and call API.
phoneNumber	102017	Invalid Caregiver's Phone Number Format	Review the EVV Data Aggregator Specification and confirm that your data is in the required format. Make the required changes and call API.
Type	102018	Caregiver's Type is required	Include the Caregiver's Type and call API.
type	102019	Invalid Caregiver's Type value	Correct the Caregiver's Type and call API.
type	102020	You cannot change the type of a Caregiver that has been previously assigned to a visit.	Correct the Caregiver's Type and call API.
professionalLicense Number	102021	Caregiver's Professional License Number is required	Include the Caregiver's Professional License Number and call API.
hireDate	102022	Caregiver's Hire Date is required	Include the Caregiver's Hire Date and call API.
state	102023	State is required	Include the Caregiver's State and call API.
zipcode	102024	ZIP Code is required	Include the Caregiver's ZIP Code and call API.
zipcode	102025	Invalid ZIP Code format	Review the EVV Data Aggregator Specification and confirm that your data is in the required format. Make the required changes and call API.



Element	Error Code	Error Message	Action
client_id	102026	Records that are created with a specific ClientID must be updated using the same ClientID	Call API with correct ClientID.
client_id	102027	ClientID does not have access permission to update the Provider's Caregiver record	Resolve permission issue.
ssn	102028	Caregiver with same SSN already exists.	Provide unique Caregiver SSN or default SSN value (999999999) and call API.
externalID	102029	Length of the External ID cannot exceed 20 characters	Correct the External ID value and call API.
Unknown	102999	Can occur if there is an interruption in service.	Contact HHAExchange to inquire and to determine the resolution.

If you require assistance with interpreting these error messages or the action that is required to rectify the issue, please contact [3rd Party Integration Support Desk](#) with the subject 'AL API Technical Support Request'.





## Appendix F – EVV Error Messages

Element	Error Code	Error Message	Action
providerTaxID	101001	Provider Tax ID is required	Include the Provider Federal Tax ID and call API.
providerTaxID	101002	Provider is not found based on Provider Tax ID	The Provider was not found. Provide the correct federal Tax ID and call API.
providerTaxID	101003	Provider is not active	Contact HHAExchange to rectify this issue.
providerTaxID	101004	Invalid Provider Tax ID format	Review the EVV Data Aggregator Specification and confirm that your data is in the required format. Make the required changes and call API.
office	101005	Office (qualifier and identifier) is required	Include Office (qualifier and identifier) and call API.
office	101006	Invalid Office's Qualifier value	Correct the Office's Qualifier and call API.
office	101007	Office is not found based on Qualifier value	Office was not found. Provide the correct Qualifier value and call API.
office	101008	Office is not active	Contact HHAExchange to rectify this issue.
office	101009	Multiple Office records found based on Qualifier value. Please provide unique identifier.	Use an Office Qualifier that is unique for this Office and call API.
member	101010	Member (qualifier and identifier) is required	Include Member (qualifier and identifier) and call API.
member	101011	Invalid Member's Qualifier value	Correct the Member's Qualifier and call API.
member	101012	Member is not found based on Qualifier value	Member was not found. Provide the correct Qualifier value and call API.
member	101013	Member is not active	Contact operating agency and determine why Member is not active. Once the issue is resolved call API.
member	101014	Multiple Member records found based on Qualifier value. Please provide unique identifier.	Use a Member Qualifier that is unique for this Member and call API.
caregiver	101015	Caregiver (qualifier and identifier) is required	Include Caregiver (qualifier and identifier) and call API.
caregiver	101016	Invalid Caregiver's Qualifier value	Correct the Caregiver's Qualifier and call API.
caregiver	101017	Caregiver is not found based on Qualifier value	Provide the correct Qualifier value and call API.
caregiver	101018	Caregiver is not active	Change the Caregiver status to Active and call API.
caregiver	101019	Caregiver is not linked with Provider	Link the Caregiver to the Provider and call API.



Element	Error Code	Error Message	Action
caregiver	101020	Multiple Caregiver records found based on Qualifier value. Please provide unique identifier.	Use a Caregiver Qualifier that is unique for this Caregiver and call API.
caregiver	101021	Visit cannot be greater than 25 hours	Change the Visit duration to be less than or equal to 25 hours and call API.  Please note, Alabama Medicaid has a maximum check out window in place per service code. Even though, the allowable schedule duration cannot exceed 25 hrs in the system; Alabama Medicaid will determine the visit as compliant based on the maximum check out window set for each service code. This information can be referenced in the policies and procedures contract given to the provider agency.
caregiver	101022	Caregiver is restricted. No Schedule can be created.	Caregiver cannot provide services until Payer removes Caregiver from the Restriction List. Resolve the issue and call API.
caregiver	101023	Caregiver was previously declined by the patient	Resolve the issue with the Caregiver and call API.
caregiver	101024	Caregiver is marked as absent	Resolve the issue with the Caregiver and call API.
payerID	101025	Payer ID is required	Include the Payer ID and call API.
payerID	101026	Invalid Payer ID value	Correct the Payer ID and call API.
payerID	101027	Payer is not active	Contact HHAExchange to rectify this issue.
payerID	101028	There is no active contract for this visit	If Member is Active for the time for which you are billing, then contact the Operating Agency and request to Start of Care plan date and/or Discharge date.
externalVisitID	101029	External VisitID is required	Include External Visit ID and call API.
evvmsid	101030	EVVMSID is required when EVV record needs to be updated	Include EVVMSID and call API.
evvmsid	101031	EVVMSID is not found	Confirm that the EVVMSID submitted matches the EVVMSID in the HHAExchange system and call API.
evvmsid	101032	EVVMSID does not belong to this payer	Use a EVVMSID that is linked with this Payer and call API.
evvmsid	101033	EVVMSID does not belong to this provider	Use a EVVMSID that is linked with this Provider and call API.



Element	Error Code	Error Message	Action
procedureCode	101034	Procedure Code is required	Include Service/Procedure Code and call API.
procedureCode	101035	Procedure Code is not found	Confirm that the Service/Procedure Code submitted matches the Service/Procedure Code in HHAExchange. Correct the issue and call API.
procedureCode	101036	Procedure Code is not active	Contact HHAExchange to rectify this issue.
procedureCode	101037	The service type was set to either Skilled or Non-Skilled for this visit when created and cannot be changed.	The incorrect Service Type was used for the EVVMSID. Correct the issue and call API.
procedureCode	101038	Procedure Code is not mapped to Caregiver's Discipline	Contact HHAExchange to rectify this issue.
procedureModifier Code	101039	Maximum 4 Procedure Modifier codes are allowed.	Correct the Procedure Modifier Codes and call API.
timezone	101040	Time zone is required	Include Time zone and call API.
timezone	101041	Invalid Time zone value	Correct the Time zone and call API.
scheduleStartTime	101042	Schedule Start Time is required	Include the Schedule Start Time and call API.
scheduleEndTime	101043	Schedule End Time is required	Include Schedule End Time and call API.
scheduleStartTime/ EndTime	101044	Schedule cannot be greater than 24 hours	Change the Schedule duration to be less than or equal to 24 hours and call API.  Please note, Alabama Medicaid has a maximum check out window in place per service code. Even though, the allowable schedule duration cannot exceed 24 hrs in the system; Alabama Medicaid will determine the visit as compliant based on the maximum check out window set for each service code. This information can be referenced in the policies and procedures contract given to the provider agency.
scheduleStartTime/ EndTime	101045	Schedule duration is 0	Schedule Start and End Time should not have the same value. Correct the issue and call API.
visitStartDateTime	101046	Visit Start Time is required when "Visit End Date Time" OR "EVV Clock In Time" is provided	Include Visit Start Time and call API.



Element	Error Code	Error Message	Action
visitStartDateTime	101047	Visit Start Time cannot be greater than current date	The Visit Start Time is using a time in the future. Resolve issue and call API.
visitEndDateTime	101048	Visit End Time is required when "EVV Clock Out Time" is provided	Include Visit End Time and call API.
visitEndDateTime	101049	Visit End Time cannot be greater than current date	The Visit End Time is using a time in the future. Resolve issue and call API.
visitEndDateTime	101050	Visit End Time must be greater than Visit Start Date Time	Resolve the issue and call API.
visitStartDateTime/ EndDateTime	101051	Visit duration is 0	EVV Start and End Time should not have the same value; this might be an export issue. Consult with your third-party provider and advise of the issue. Make the required changes and call API.
evv > clockIn/Out	101052	Once EVV Clock In/Out is completed, then change in EVV Clock In/Out is not allowed in subsequent requests	Delete the visit and resubmit.
evv > clockIn/Out	101053	If the EVV Clock Out is provided, then the EVV Clock In is mandatory	Add the EVV Clock Into the Visit with Clock Out and call API.
evv > clockIn/Out	101054	Once visit is confirmed manually, then EVV Clock In/Out is not allowed in subsequent requests	Delete the visit and resubmit.
evv > clockIn/Out > callType	101055	Call Type is required when EVV Clock In/Out Time is confirmed via EVV	Include Call Type and call API.
evv > clockIn/Out > callType	101056	Invalid Call Type value	Correct the Call Type and call API.
evv > clockIn/Out > callLatitude	101057	Call Latitude is required when EVV Clock In/Out Time is confirmed by GPS (i.e., CallType = Mobile)	Include Call Latitude and call API.
evv > clockIn/Out > callLatitude	101058	Invalid Call Latitude value	Correct the Call Latitude and call API.
evv > clockIn/Out > callLongitude	101059	Call Longitude is required when EVV Clock In/Out Time is confirmed by GPS (i.e., CallType = Mobile)	Include Call Longitude and call API.
evv > clockIn/Out > callLongitude	101060	Invalid Call Longitude value	Correct the Call Longitude and call API.
evv > clockIn/Out > originatingPhoneN umber	101061	Originating Phone Number is required when EVV Clock In/Out Time is confirmed by Telephony (i.e., CallType = Telephony)	Include Originating Phone Number and call API.
evv > clockIn/Out > originatingPhoneN umber	101062	Invalid Originating Phone Number format	Review the EVV Data Aggregator Specification and confirm that your data is in the required format. Make the required changes and call API.



Element	Error Code	Error Message	Action
evv > clockIn/Out > serviceAddress	101063	Service Address is required when EVV Clock In/Out Time is confirmed via EVV	Include Service Address and call API.
evv > clockIn/Out > serviceAddress > addressLine1	101064	AddressLine1 is required when EVV Clock In/Out Time is confirmed via EVV	Include Address Line 1 and call API.
evv > clockIn/Out > serviceAddress > city	101065	City is required when EVV Clock In/Out Time is confirmed via EVV	Include City and call API.
evv > clockIn/Out > serviceAddress > state	101066	State Code is required when EVV Clock In/Out Time is confirmed via EVV	Include State Code and call API.
evv > clockIn/Out > serviceAddress > zipcode	101067	ZIP Code is Required when EVV Clock In/Out Time is confirmed via EVV	Include ZIP Code and call API.
evv > clockIn/Out > serviceAddress > zipcode	101068	Invalid ZIP Code format	Review the EVV Data Aggregator Specification and confirm that your data is in the required format. Make the required changes and call API.
evv > clockOut > performedTasks	101070	Invalid Duties (Performed Task/Refused Task) field value	Correct the value in the Duties field and call API.
missed	101071	A missed visit request must not contain Clock In/Out information	Remove Clock In/Out information and call API.
missedVisit > reasonCode	101072	Missed Visit Reason Code is required when Missed flag is marked as True	Include Missed EVV Reason Code and call API.
missedVisit > reasonCode	101073	Invalid Missed Visit Reason Code value	Correct the Missed Visit Reason Code and call API.
missedVisit > reasonCode	101074	Missed Visit Reason Code is not active	Contact HHAExchange to rectify this issue.
missedVisit > actionCode	101075	Missed Visit Action Code is required when Missed flag is marked as True	Include Missed EVV Action Code and call API.
missedVisit > actionCode	101076	Invalid Missed Visit Action Code value	Correct the Missed Visit Action Code and call API.
missedVisit > actionCode	101077	Missed Visit Action Code is not active	Contact HHAExchange to rectify this issue.
missedVisit > comment	101117	Missed Visit Reason Note is Required	Update visit with note in host system and resend to HHAX
missedVisit > comment	101119	Missed Visit Reason Note Length is Insufficient	Update visit note length to the appropriate length (256 characters) in host system and resend to HHAX
editVisit > reasonCode	101078	Edit Visit Reason Code is required	Include Edit Visit Reason Code and call API.



Element	Error Code	Error Message	Action
editVisit > reasonCode	101079	Invalid Edit Visit Reason Code value	Correct the Edit Visit Reason Code and call API.
editVisit > reasonCode	101080	Edit Visit Reason Code is not active	Contact HHAExchange to rectify this issue.
editVisit > actionCode	101081	Edit Visit Action Code is required	Include Edit Visit Action Code and call API.
editVisit > actionCode	101082	Invalid Edit Visit Action Code value	Correct the Edit Visit Action Code and call API.
editVisit > actionCode	101083	Edit Visit Action Code is not active	Contact HHAExchange to rectify this issue.
editVisit > comment	101118	Edit Visit Reason Note is Required	Update visit with note in host system and resend to HHAX
editVisit > comment	101120	Edit Visit Reason Note Length is Insufficient	Update visit note length to the appropriate length (256 characters) in host system and resend to HHAX
Shift Overlap	101085	Another Visit is using the same time in full or in part	Overlapped Shift times are not allowed. Correct the times so they are not sharing the same time.
Visit	101086	Visit is already billed	If you are attempting to edit the visit, and the visit has been billed in HHAExchange, this action is not allowed. Adjustments would need to be re-billed to the Payer.
Batch Visits	101087	The number of input records exceed the max limit per submission	Reduce the records being submitted in batch to be less than or equal to 100 and call API.
Visit	101088	Visit date is not in range of Eligibility Start and End date	Call API with correct date.
client_id	101089	Records that are created with a specific ClientID must be updated using the same ClientID	Call API with correct ClientID.
client_id	101090	ClientID does not have access permission to update the Provider's Visit record	Resolve permission issue.
Visit	101091	Schedule Date should be the visit day or the next day of the visit (inclusive of EVV)	Correct the Schedule, Visit and EVV Start/End date and/or time and call API.
member	101092	Length of the Member's Identifier cannot exceed max characters of the Qualifier. Refer to the endpoint description for this field	Correct the Member's Identifier value and call API.
caregiver	101093	Length of the Caregiver's Identifier cannot exceed max characters of the Qualifier. Refer to the endpoint description for this field	Correct the Caregiver's Identifier value and call API.



Element	Error Code	Error Message	Action
externalVisitID	101094	Length of the External Visit ID cannot exceed 30 characters	Correct the External Visit ID value and call API.
EVVMSID	101095	Length of the EVVMSID cannot exceed 64 characters	Correct the EVVMSID value and call API.
EVVMSID	101096	The external evvmsid contains invalid characters. Please only use alphanumeric characters in addition to '-' and '_'	Correct the EVVMSID value and call API.
Unknown	101999	Can occur if there is an interruption in service	Contact HHAExchange to inquire and to determine the resolution.
employerInternalNumber	101122	Invalid Employer Internal Number Length	Max Length for Employer Internal Number is up to 10 characters
employerName	101123	Invalid Employer Name Length	Max Length for Employer Name is up to 10 characters

If you require assistance with interpreting these error messages or the action that is required to rectify the issue, please contact [3rd Party Integration Support Desk](#) with the subject 'AL API Technical Support Request'.