

Technical Guidelines

CAHPS Hospice Program
Decedent/Caregiver List - File
Specification

Version: 2.4

Document Date: November 4, 2022

CAHPSFS2022 03

Copyright

This publication was written and produced by WellSky Corporation.

@2022 WellSky Corporation

All Rights Reserved

No part of this document may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying, recording or by any storage or retrieval system without permisson in writing from WellSky Corporation.

Printed in the U.S.A. - 2022

Contact Us

WellSky Corporation 11300 Switzer Road Overland Park, KS 66210

Phone: 855-WELLSKY

Web: https://wellsky.com/support/

Revision History

Document Date	Version	Edition/Change
October 29, 2015	2.0	Initial version for file specification based on QAG
		2.0
February 6, 2017	2.1	Per QAG 3.0, added the valid value of 8 to the
		CaregiverRelationship field of the CSV file format
		and to the Relationship field of the XML file
		format.
January 10, 2022	2.2	Per QAG 8.0, added the valid value of 9 to the
		CaregiverRelationship field of the CSV file format
		and to the Relationship field of the XML file
		format.
January 18, 2022	2.3	WellSky rebranding
November 4, 2022	2.4	Per QAG 9.0, added the valid value of 7 to the
·		PrimaryPayer, SecondaryPayer, and OtherPayer
		fields of the XML file format and to the
		DecedentPrimaryPayer,
		DecedentSecondaryPayer, and
		DecedentOtherPayer fields of the CSV file
		format.

Related Documents

Document	Location
CAHPS Hospice Survey Quality	https://hospicecahpssurvey.org/en/quality-assurance-
Assurance Guidelines (QAG) v9.0	<u>guidelines/</u>
CSV file format standards	http://tools.ietf.org/html/rfc4180

Table of Contents

1	INT	RODUCTION	4
	1.1	Overview	4
	1.2	Scope	4
2	XML	. FILE FORMAT	4
	2.1	XML Elements	
	2.2	XML Element Definitions	
	2.3	Minimum Required Data for XML	14
3	CSV	FILE FORMAT	. 14
	3.1	Field Definitions	
	3.2	Minimum Required Data for CSV	19
	3.3	Special Field Handling	19
	3.3.1		19
	3.3.2		
	3.3.3	Double quotes	19
	3.3.4	Hospice Office count	19
	3.4	CSV File Format Standards	20

1 INTRODUCTION

1.1 Overview

Under the CAHPS Hospice program initiated by the Centers for Medicare and Medicaid Services (CMS), there is a need for EMR and certified CAHPS vendors to exchange Decedent/Caregiver data. This has been an unnecessarily complicated matter in previous CAHPS programs because EMR and CAHPS vendors would publish their own proprietary format with others forced to implement many of them to support their clients.

In response, WellSky is releasing its specification to the entire CAHPS Hospice community under the Apache License, Version 2.0. We hope that the exchange of Decedent/Caregiver data between all parties will be made simpler as a result. We encourage the reader to share and promote the use of the specification among his/her peers in the industry.

The specification includes both an XML and CSV format. XML is the preferred format as we have provided an XSD for vendors to validate their files prior to submission. With the ready availability of software tools, we expect most vendors can support the XML format.

However, we understand that some small agencies and vendors use manual processes to assemble their data. For that reason, we have also included a specification for a CSV file format. Users of this format will have no ability to validate their file prior to submission.

WellSky welcomes feedback and will periodically release updated versions of this document to the community.

1.2 Scope

This specification describes the structure and attributes of the XML and CSV data files only. It is silent on the method of transport.

2 XML File Format

2.1 XML Elements

Defined below are the elements of the XML document and general constraints surrounding them.

```
<ProviderId>012345</providerId>
 <ProviderName>ProviderName1
 <!--Optional :-->
 <NPI>0123456789</NPI>
 <HospiceOffices>9</HospiceOffices>
 <LiveDischargeCount>1</LiveDischargeCount>
 <TotalDecedentCount>1</TotalDecedentCount>
 <NoPublicityCount>1</NoPublicityCount>
 <!--Optional :-->
 <CustomFields>
   <!--1 or more repetitions :-->
   <CustomElement name="name1" value="value1" />
   <CustomElement name="name2" value="value2" />
    <CustomElement name="name3" value="value3" />
 </CustomFields>
</HospiceAgencyHeader>
<!--Zero or more repetitions :-->
<DecedentCaregiverPair>
 <HospiceDecedentInfo>
   <!--Optional:-->
   <ProviderDecedentId>ProviderDecedentId/ProviderDecedentId>
    <DecedentName>
     <!--Optional :-->
     <Prefix>Prefix</Prefix>
     <FirstName>FirstName
     <!--Optional :-->
     <MiddleInitial>MiddleInitial</MiddleInitial>
     <LastName>LastName
     <!--Optional :-->
     <Suffix>Suffix</Suffix>
   </DecedentName>
    <Gender>1</Gender>
   <hi>spanic>1</hispanic>
   <Race>1</Race>
   <BirthDate>9999-12-13</BirthDate>
    <DeathDate>9970-10-05
   <AdmissionDate>9999-08-31</AdmissionDate>
   <!--Optional :-->
   <FacilityName>FacilityName
    <!--Optional :-->
   <FacilityId>FacilityId/FacilityId>
   <LastCareLocation>1</LastCareLocation>
   <!--Optional :-->
   <BranchName>BranchName
    <!--Optional :-->
   <BranchId>BranchId/BranchId>
    <PrimaryPayer>1</PrimaryPayer>
```

```
<SecondaryPayer>1</SecondaryPayer>
        <OtherPayer>1</OtherPayer>
        <PrimaryDiagnosis>B01.2</primaryDiagnosis>
        <DecedentCaregiverInfo>
         <CaregiverName>
           <!--Optional :-->
           <Prefix>Prefix</Prefix>
           <FirstName>FirstName
           <!--Optional :-->
           <MiddleInitial>MiddleInitial</MiddleInitial>
           <LastName>LastName
           <!--Optional :-->
           <Suffix>Suffix</Suffix>
          </CaregiverName>
          <MailingAddresses>
           <MailingAddress>
              <MailingAddress1>MailingAddress1/MailingAddress1>
             <!--Optional :-->
             <MailingAddress2>MailingAddress2/MailingAddress2>
              <City>City</City>
              <State>ST</State>
              <ZipCode>00000</ZipCode>
           </MailingAddress>
         </MailingAddresses>
         <TelephoneNumbers>
           <TelephoneNumber>98989898</TelephoneNumber>
           <TelephoneNumber>96969696</TelephoneNumber>
           <TelephoneNumber>6363636363</TelephoneNumber>
         </TelephoneNumbers>
          <EmailAddress>caregiver@somehost.com</EmailAddress>
         <SurveyLanguage>1</SurveyLanguage>
          <Relationship>1</Relationship>
       </DecedentCaregiverInfo>
     </HospiceDecedentInfo>
     <!--Optional :-->
      <CustomFields>
       <!--1 or more repetitions :-->
       <CustomElement name="name1" value="value1" />
       <CustomElement name="name2" value="value2" />
        <CustomElement name="name3" value="value3" />
     </CustomFields>
   </DecedentCaregiverPair>
  </HospiceAgency>
</ProviderDecedentList>
```

2.2 XML Element Definitions

Each element must have a closing tag that is the same as the opening tag but with a forward slash.

Eg: <ProviderName>.... </ProviderName>

XML Element		Description	Valid Values	Data Type	Max Size	Required Field
<providerdecedentlist></providerdecedentlist>		Opening tag, defines the survey data xml N/A N/A N/A		N/A	Yes	
<hospiceagency></hospiceagency>	Sub-element of ProviderDecedentList	Defines one or more agencies	N/A	N/A	N/A	Yes
	This so	ection defines the stru	icture of the header record			
<hospiceagencyheader></hospiceagencyheader>	Sub-element of HospiceAgency			N/A	N/A	Yes
<samplemonth></samplemonth>	Sub-element of HospiceAgencyHeader	Year and month of the data file (YYYY-		7	No	
<providerid></providerid>	Sub-element of HospiceAgencyHeader	Id number of the hospice represented by the survey	Valid 6 digit CMS Certification Number (formerly known as Medicare Provider Number). E.g.: "011010"	Text	6	Yes
<providername></providername>	Sub-element of HospiceAgencyHeader	Name of the Hospice	N/A	Text/Alphanumeric	255	Yes
<npi></npi>	Sub-element of HospiceAgencyHeader	National Provider Identifier	Valid 10 digit National Provider Identifier E.g.: "0123456789"	Text	10	No
<hospiceoffices></hospiceoffices>	Sub-element of HospiceAgencyHeader	Total number of offices within ProviderId (CCN). This is separate from individual facility or setting where	N/A	Integer/Number		Yes

XML Element		Description	Valid Values	Data Type	Max Size	Required Field
		hospice care is provided				
<livedischargecount></livedischargecount>	Sub-element of HospiceAgencyHeader	Number of patients who were discharged alive during the month	N/A	Integer/Number	3	Yes
<totaldecedentcount></totaldecedentcount>	Sub-element of HospiceAgencyHeader	Number of decedents/caregivers during the month	N/A	Integer/Number	3	Yes
<nopublicitycount></nopublicitycount>	Sub-element of HospiceAgencyHeader	Number of "no- publicity" decedents/caregivers during the month who were excluded from the file	N/A	Integer/Number	3	Yes
<customfields></customfields>	Sub-element of HospiceAgencyHeader			N/A	N/A	Yes
<customelement></customelement>	Sub-element of CustomFields	Any additional Hospice/Facility custom information fields to be entered here	N/A	Text	255	No
	This section		re for Decedent/Caregiver pai	r		l
<decedentcaregiverpair></decedentcaregiverpair>	Sub-element of HospiceAgency			N/A	N/A	Yes
<hospicedecedentinfo></hospicedecedentinfo>	Sub-element of DecedentCaregiverPair			N/A	N/A	Yes
<providerdecedentid></providerdecedentid>	Sub-element of HospiceDecedentInfo	Hospice generated unique identifier for each decedent/caregiver, if applicable	N/A	Text	50	No
<decedentname></decedentname>	Sub-element of			N/A	N/A	Yes

XML Element		Description	Valid Values	Data Type	Max Size	Required Field
	HospiceDecedentInfo					
<prefix></prefix>	Sub-element of DecedentName			Text	10	No
<firstname></firstname>	Sub-element of DecedentName			Text	50	Yes
<middleinitial></middleinitial>	Sub-element of DecedentName			Text	1	No
<lastname></lastname>	Sub-element of DecedentName	Name information used to personalize		Text	50	Yes
<suffix></suffix>	Sub-element of DecedentName	materials to caregiver	N/A	Text	10	No
<gender></gender>	Sub-element of HospiceDecedentInfo	Decedent sex provided by the hospice	1 = Male 2 = Female M = Unknown/Missing	Text	1	Yes
<hispanic></hispanic>	Sub-element of HospiceDecedentInfo	Indication whether or not decedent is Hispanic	1 = Hispanic2 = Non- HispanicM = Unknown/Missing	Text	1	Yes
<race></race>	Sub-element of HospiceDecedentInfo	Decedent's race	1 = White 2 = Black or African American 3 = Asian 4 = Native Hawaiian or Pacific Islander 5 = American Indian or Alaska Native 6 = More than one race 7 = Other M = Unknown/Missing	Text	1	Yes
<birthdate></birthdate>	Sub-element of HospiceDecedentInfo	Decedent's date of birth(YYYY-MM-DD)	1960-01-01	Date	8	Yes
<deathdate></deathdate>	Sub-element of HospiceDecedentInfo	Decedent's date of death(YYYY-MM-DD)	2014-11-10	Date	8	Yes

XML Element		Description	Valid Values	Data Type	Max Size	Required Field
<admissiondate></admissiondate>	Sub-element of HospiceDecedentInfo	Date on which decedent was admitted to the Hospice (YYYY-MM-DD)	2014-10-05	Date	8	Yes
<facilityname></facilityname>	Sub-element of HospiceDecedentInfo	Name of hospice, inpatient or nursing home facility, if applicable	N/A	Text	255	No
<facilityid></facilityid>	Sub-element of HospiceDecedentInfo	Hospice generated unique identifier for facility at which decedent was admitted to.	N/A	Text	255	No
<lastcarelocation></lastcarelocation>	Sub-element of HospiceDecedentInfo	Decedent's last location/setting of hospice care	1 = Home 2 = Assisted living 3 = Long-term care facility or non-skilled nursing facility 4 = Skilled nursing facility 5 = Inpatient hospital 6 = Inpatient hospice facility 7 = Long-term care facility 8 = Inpatient psychiatric facility 9 = Location not otherwise specified 10 = Hospice facility M = Missing	Text	2	Yes
<branchname></branchname>	Sub-element of HospiceDecedentInfo	Name of the branch associated with the Hospice/Facility, if applicable	N/A	Text	255	No
<branchid></branchid>	Sub-element of HospiceDecedentInfo	Hospice generated unique identifier for the branch at which	N/A	Text	255	No

XML Element		Description	Valid Values	Data Type	Max Size	Required Field
		decedent was admitted to				
<primarypayer></primarypayer>	Sub-element of HospiceDecedentInfo	Decedent's primary payer for healthcare services	1 = Medicare 2 = Medicaid	Text	1	Yes
<secondarypayer></secondarypayer>	Sub-element of HospiceDecedentInfo	Decedent's secondary payer for healthcare services	3 = Private 4 = Uninsured/no payer 5 = Program for All Inclusive Care for the Elderly (PACE)	Text	1	Yes
<otherpayer></otherpayer>	Sub-element of HospiceDecedentInfo	Decedent's other payer for healthcare services	6 = Other 7 = No Secondary/Other Payer M = Unknown/Missing	Text	1	Yes
<primarydiagnosis></primarydiagnosis>	Sub-element of HospiceDecedentInfo	The decedent's primary diagnosis provided by the hospice	ICD-10 codes - E.g.: "B01.2", "O30.003","S52.5"	Text	10	Yes
<decedentcaregiverinfo></decedentcaregiverinfo>	Sub-element of DecedentCaregiverPair			N/A	N/A	Yes
<caregivername></caregivername>	Sub-element of DecedentCaregiverInfo			N/A	N/A	Yes
<prefix></prefix>	Sub-element of CaregiverName			Text	10	No
<firstname></firstname>	Sub-element of CaregiverName			Text	50	Yes
<middleinitial></middleinitial>	Sub-element of CaregiverName			Text	1	No
<lastname></lastname>	Sub-element of CaregiverName	Name information used to personalize		Text	50	Yes
<suffix></suffix>	Sub-element of CaregiverName	materials to caregiver	N/A	Text	10	No
<mailingaddresses></mailingaddresses>	Sub-element of DecedentCaregiverInfo			N/A	N/A	Yes

XML Element		Description	Valid Values	Data Type	Max Size	Required Field
<mailingaddress1></mailingaddress1>	Sub-element of MailingAddresses		Street address - "123, Smith Rd"	Text	255	Yes
<mailingaddress2></mailingaddress2>	Sub-element of MailingAddresses		Mailing address 2, if applicable - "Apt 101"	Text	255	No
<city></city>	Sub-element of MailingAddresses		Mailing city	Text	50	Yes
<state></state>	Sub-element of MailingAddresses		2-character state abbreviation - AZ,CA,,VT	Text	2	Yes
<zipcode></zipcode>	Sub-element of MailingAddresses	Street address or post office box information of caregiver	9-digit zip code - no hyphen, separators or de-limiters	Text	9	Yes
<telephonenumbers></telephonenumbers>	Sub-element of DecedentCaregiverInfo	Must contain at least one telephone number element and can be up to 3 telephone numbers element		N/A	N/A	Yes
<telephonenumber></telephonenumber>	Sub-element of TelephoneNumbers	3-digit area code plus 7-digit telephone number; no dashes, separators or de- limiters		Text	10	Yes
<emailaddress></emailaddress>	Sub-element of DecedentCaregiverInfo	Email address of caregiver	caregiver@somehost.com	Text	255	No

XML Element		Description	Valid Values	Data Type	Max Size	Required Field
<relationship></relationship>	Sub-element of DecedentCaregiverInfo	Caregiver relationship to decedent	1 = Spouse / partner 2 = Parent 3 = Child 4 = Other family member 5 = Friend 6 = Legal guardian 7 = Other 8 = No caregiver of record 9 = Paid caregiver M=Missing	Text	1	Yes
<surveylanguage></surveylanguage>	Sub-element of DecedentCaregiverInfo	Identify survey language in which the survey was administered	1 = English 2 = Spanish 3 = Chinese 4 = Russian 5 = Portuguese M = Unknown/Missing	Text	2	Yes
<customfields></customfields>	Sub-element of DecedentCaregiverPair					Yes
<customelement></customelement>	Sub-element of CustomFields	Any additional Hospice/Facility custom information fields to be entered here	N/A	Text	255	No

2.3 Minimum Required Data for XML

The QAG requires that all non-exempt hospices submit the following data elements every month. If a hospice has no decedents in a given sample month, it should submit a file with a header record and values for these data elements.

ProviderName

ProviderId

NPI

TotalDecedentCount

LiveDischargeCount

NoPublicityCount

HospiceOffices

3 CSV File Format

3.1 Field Definitions

Header/Field	Description	Valid Values	Data Type	Max Size	Required Field
ProviderName	Name of the Hospice	N/A	Text/Alphanumeric	255	Yes
ProviderId	Id number of the hospice represented by the survey	Valid 6 digit CMS Certification Number (formerly known as Medicare Provider Number). E.g.: "011010"	Text	6	Yes
NPI	National Provider Identifier	Valid 10 digit National Provider Identifier E.g.: "0123456789"	Text	10	No
HospiceOffices	Total number of offices within ProviderId (CCN). This is separate from individual facility or setting where hospice care is provided	N/A	Integer/Number	10	Yes
TotalDecedentCount	Number of decedents/caregivers during the month	N/A	Integer/Number	3	Yes
LiveDischargeCount	Number of patients who were discharged alive during the month	N/A	Integer/Number	3	Yes
NoPublicityCount	Number of "no-publicity" decedents/caregivers during	N/A	Integer/Number	3	Yes

Header/Field	Description	Valid Values	Data Type	Max Size	Required Field
	the month who were excluded				
	from the file				
	Year and month of the data file				
SampleMonth	in following format – "YYYY-		Text	7	No
	MM"	<u>"2015-01"</u>			
	Hospice generated unique				
ProviderDecedentId	identifier for each		Text	50	No
	decedent/caregiver, if	21/2	1 5/10		
D 1 1D 6	applicable	N/A	 	10	N.
DecedentPrefix			Text	10	No
DecedentFirstName			Text	50	Yes
DecedentMiddleInitial	Name information used to		Text	1 50	No
DecedentLastName	personalize materials to		Text	50	Yes
DecedentSuffix	caregiver	N/A	Text	10	No
	Decedent's date of birth in			_	
BirthDate	following format - "MMDDYYYY"	W04.24.4.000//	Date	8	Yes
		<u>"01311900"</u>			
D 11 D 1	Decedent's date of death in				
DeathDate	following format - "MMDDYYYY"	"01202015 <i>"</i>	Date	8	Yes
		01202013			
	Date on which decedent was				
AdmissionDate	admitted to the Hospice in following format –		Date	8	Yes
	"MMDDYYYY"	"01012015 <i>"</i>			
	MMDDTTTT	1 = Male			
DecedentGender	Decedent sex provided by the	2 = Female	Text	1	Yes
DecedentGender	hospice	M = Unknown/Missing	Text	1	165
	i i i i i i i i i i i i i i i i i i i	1 = White			
		2 = Black or African American			
		3 = Asian			
		4 = Native Hawaiian or Pacific			
		Islander			
DecedentRace		5 = American Indian or Alaska	Text	1	Yes
		Native			
		6 = More than one race			
		7 = Other			
	Decedent's race	M = Unknown/Missing			
		1 = Hispanic			
DecedentHispanic	Indication whether or not the	2 = Non-Hispanic	Text	1	Yes
<u> </u>	decedent is Hispanic	M = Unknown/Missing			
DecedentPrimaryDiagnosis	The decedent's primary	ICD-10 codes -	Text	7	Yes
Decedent Filmal y Diagnosis	diagnosis provided by the	E.g.: "B01.2","O30.003","S52.5"	I EXT	′	163

Header/Field	Description	Valid Values	Data Type	Max Size	Required Field
	hospice				
DecedentLastLocation	Decedent's last location/setting of hospice care	1 = Home 2 = Assisted living 3 = Long-term care facility or non-skilled nursing facility 4 = Skilled nursing facility 5 = Inpatient hospital 6 = Inpatient hospice facility 7 = Long-term care facility 8 = Inpatient psychiatric facility 9 = Location not otherwise specified 10 = Hospice facility M = Unknown/Missing	Text	2	Yes
DecedentPrimaryPayer	Decedent's primary payer for healthcare services	1 = Medicare 2 = Medicaid	Text	1	Yes
DecedentSecondaryPayer	Decedent's secondary payer for healthcare services	3 = Private 4 = Uninsured/no payer	Text	1	Yes
DecedentOtherPayer	Decedent's other payer for healthcare services	 5 = Program for All Inclusive Care for the Elderly (PACE) 6 = Other 7 = No Secondary/Other Payer M = Unknown/Missing 	Text	1	Yes
FacilityId	Hospice generated unique identifier for facility at which decedent was admitted to.	N/A	Text	255	No
FacilityName	Name of hospice, inpatient or nursing home facility, if applicable	N/A	Text	255	No
BranchId	Hospice generated unique identifier for the branch at which decedent was admitted to	N/A	Text	255	No
BranchName	Name of the branch associated with the Hospice/Facility, if applicable	N/A	Text	255	No
SurveyLanguage	Identify survey language in which the survey was administered	1 = English 2 = Spanish 3 = Chinese 4 = Russian 5 = Portuguese	Text	2	Yes

Header/Field	Description	Valid Values	Data Type	Max Size	Required Field
		M = Unknown/Missing			
CaregiverRelationship	Caregiver relationship to decedent	1 = Spouse / partner 2 = Parent 3 = Child 4 = Other family member 5 = Friend 6 = Legal guardian 7 = Other 8 = No caregiver of record 9 = Paid caregiver M=Missing	Text	1	Yes
CaregiverPrefix			Text	10	No
CaregiverFirstName			Text	50	Yes
CaregiverMiddleInitial	Name information used to		Text	1	No
CaregiverLastName	personalize materials to		Text	50	Yes
CaregiverSuffix	caregiver	N/A	Text	10	No
CaregiverMailingAddress1		Street address - "123, Smith Rd"	Text	255	Yes
CaregiverMailingAddress2		Mailing address 2, if applicable - "Apt 101"	Text	255	No
CaregiverCity		Mailing city	Text	50	Yes
CaregiverState		2-character state abbreviation - AZ,CA,,VT	Text	2	Yes
CaregiverZipCode	Street address or post office box information of caregiver	9-digit zip code - no hyphen, separators or de-limiters	Text	9	Yes
CaregiverTelephone1	3-digit area code plus 7-digit		Text	10	Yes
CaregiverTelephone2	telephone number; no dashes,		Text	10	No
CaregiverTelephone3	separators or de-limiters		Text	10	No
CaregiverEmailAddress	Email address of caregiver	<u>caregiver@somehost.com</u>	Text	255	No
ProviderCustomFieldName1	Any additional Hospice/Facility information field to be entered here	N/A	Text	255	No
ProviderCustomFieldValue1	Any additional Hospice/Facility information field value to be entered here	N/A	Text	255	No
ProviderCustomFieldName2	Any additional Hospice/Facility information field to be entered here	N/A	Text	255	No
ProviderCustomFieldValue2	Any additional Hospice/Facility information field value to be entered here	N/A	Text	255	No
ProviderCustomFieldName3	Any additional Hospice/Facility information field to be entered	N/A	Text	255	No

Header/Field	Description	Valid Values	Data Type	Max Size	Required Field
	here				
ProviderCustomFieldValue3	Any additional Hospice/Facility information field value to be entered here	N/A	Text	255	No
DecedentCustomFieldName1	Any additional decedent/care information field to be entered here	N/A	Text	255	No
DecedentCustomFieldValue1	Any additional decedent/caregiver information field value to be entered here	N/A	Text	255	No
DecedentCustomFieldName2	Any additional decedent/care information field to be entered here	N/A	Text	255	No
DecedentCustomFieldValue2	Any additional decedent/caregiver information field value to be entered here	N/A	Text	255	No
DecedentCustomFieldName3	Any additional decedent/care information field to be entered here	N/A	Text	255	No
DecedentCustomFieldValue3	Any additional decedent/caregiver information field value to be entered here	N/A	Text	255	No

3.2 Minimum Required Data for CSV

The QAG requires that all non-exempt hospices submit the following data element every month. If a hospice has no decedents in a given sample month, it should submit a file with at least one row containing values for these data elements.

ProviderName

ProviderId

NPI

TotalDecedentCount

LiveDischargeCount

NoPublicityCount

HospiceOffices

3.3 Special Field Handling

3.3.1 Date Fields

- Two (2) digit year are **not** allowed. Year specification for all dates **must be** a four (4) digit value YYYY
- All dates should be wrapped within double quotes.
- BirthDate, DeathDate and AdmissionDate must be in the following format "MMDDYYYY"

Eg: BirthDate - "01011900"

3.3.2 ICD-10-CM Codes

- ICD-10-CM codes must comply with CMS/NHCS standard. Primary diagnosis should be wrapped around with double quotes.
- ICD-10-CM structure:
 - Must be 3-7digits, with decimal point placed after third character.
 - First character is <u>always</u> an alphabet lead by numeric characters in second and third position.
 - o 4-7th digits of the code can be alphanumeric.
 - Missing set as "MMMMMMM".
 - Letters are case-insensitive.

3.3.3 Double quotes

 Double quote all numerical data to ensure beginning and leading zeros are not truncated / deleted.

Eg: "L89.501" - for ICD-10-CM

"010111" - for CCN/ProviderId

- For each custom field defined, corresponding field value must be submitted.

3.3.4 Hospice Office count

- The total number of hospice offices operating within given CCN. These are separate administrative or practice offices for the given CCN and **NOT** be confused with individual facilities or settings where care is provided.
- This value should a non-negative number.

3.4 CSV File Format Standards

Defined below are the general format rules to be followed when sending/accepting a CSV file. These rules are borrowed from RFC 4180. Please use RFC 4180 for questions and clarification on the CSV format.

- Each record is on a separate line, delimited by a line break
 - Eg: DecedentName,ProviderId,NPI,... CRLF DecedentName1,ProviderId,NPI,... CRLF
- The last record in the file may or may not have an ending line break
 - Eg: DecedentName,ProviderId,NPI,... CRLF DecedentName1,ProviderId,NPI,...
- Fields are separated with commas but the last field in the record must not be followed by a comma.
 - Eg: DecedentName1,ProviderId,NPI,...,CaregiverTelephone3,CaregiverEmail
- Each field may or may not be enclosed in double quotes.
 - Eg: HospiceProvider,123456,..., CRLF
- Fields containing commas must be delimited with double quotes
 - Eg: "Hospice Provider, MA"
- Fields containing line breaks must be surrounded by double quotes
 - Eg: " Hospice Provider
 - Intensive Care Center", 1234567890,... CRLF
- If double quotes are used to enclose fields, then a double quote appearing inside a field must be escaped by preceding it with another double quote
 - Eg: "Hospice Provider ""Main"", "12345MAIN", ... CRLF
- First record of the CSV must be a header record containing column names. The number fields for a record must match the header fields.
- An empty field must be delimited with a comma.
 - Eg: ProviderName,ProviderId,NPI,TotalDecedentCount,...CaregiverEmail CRLF "ProviderName1","123456",,,,..., CRLF