



# ASPEN 11.6

## Release Notes

### Table of Contents

<i>ASPEN 11.6 Overview</i> .....	3
<i>Changes and New Features: Across ASPEN</i> .....	4
<b>IDR</b> .....	4
Add tag via IDR/IIDR - ACO, ACTS, AEM .....	4
<b>Reports</b> .....	5
Generate reports when user name contains apostrophe - ACO, ACTS .....	5
<b>Surveys</b> .....	6
Eliminate gap maximum between 670 arrival and Date of Survey - ACO, ACTS .....	6
<i>Changes and New Features: CLIA</i> .....	7
<b>Batch Billing</b> .....	7
Ensure total test volume does not exceed maximum .....	7
<i>Changes and New Features: ePOC</i> .....	13
<b>Attachments</b> .....	13
Scan provider attachments during upload .....	13
<b>Citation Display</b> .....	13
Retrieve citation information .....	13
<i>Changes and New Features: LTCSP</i> .....	14
<b>Surveyor Notes</b> .....	14
New history feature for Surveyor Notes .....	14
<b>Investigations</b> .....	14
Disappearing completion checkmarks for Investigations.....	14
<b>MDS</b> .....	14
New MDS indicator for pressure ulcers.....	14

- Changes and New Features: ASSURE*..... 15**
- AO..... 15**
  - Assign Program Type ID correctly ..... 15
- ASPEN Database Additions and Modifications* ..... 18**
- State Server ..... 18**
  - Create Tables..... 18
  - Modify Tables..... 18
  - Remove Tables ..... 18
  - Modify Table Content ..... 18
- Sybase Server ..... 19**
  - Create Tables..... 19
  - Modify Tables..... 19

## ASPEN 11.6 Overview

ASPEN 11.6 is scheduled for deployment to states and CMS Regional/Central Offices starting Sunday, December 9, 2018. This ASPEN release includes additions and enhancements to existing functionality in the following applications:

- ACO/ARO
- ACTS/ACTS RO
- AEM
- ePOC
- ASSURE

Updates are described in the *Changes and New Features* section for each application. Requirements marked as ACO and ACTS affect ACO/ARO and ACTS/ACTS RO.

---

*These release notes provide a summary of new and updated features in ASPEN 11.6. For detailed information about ASPEN applications, please refer to existing versions of the applicable procedures guides.*

---

The last section of these release notes, *ASPEN Database Additions and Modifications*, describes the changes implemented in the database to support the ASPEN 11.6 release. States that have developed custom reports and data extract functions should review this section as these may be affected by structural changes in the database.

## Changes and New Features: Across ASPEN

### IDR

#### Add tag via IDR/IIDR - ACO, ACTS, AEM

When there is a determination that a new citation should be added as a result of IDR/IIDR, you can open the Informal Dispute Resolution window and click the IDR Add Tag button.

Informal Dispute Resolution - IDR for Survey 68RM11 - 06/04/2018

Request Received: // / /  
 Scheduled: // / /  
 Withdrawn: // / /  
 Additional Doc. Rec'd from Provider: // / /  
 POC Required:   
 Conducted: // / /  
 Completion: // / /  
 Revised 2567 Date: // / /  
 POC Received: // / /  
 Conducted by:   
 IDR Type:   
 Other Attendees: 0

IDR Notes

**B** */* U abc

Survey Citation IDR Status  Federal =  State =

Citation	Cert	Cmplt	IDR Status	Final SS	Orig SS	SS Before IDR	SS After IDR	IDR Changed To	Evidence	IDR Requ Reason
▶ FED-E-0001-Establishment of th	<input type="checkbox"/>	<input checked="" type="checkbox"/>	01 None	A					...	
FED-E-0006-Plan Based on All H	<input type="checkbox"/>	<input checked="" type="checkbox"/>	01 None	A					...	
FED-E-0009-Local, State, Tribal	<input type="checkbox"/>	<input checked="" type="checkbox"/>	01 None	A					...	

Figure 1: IDR Add Tag button

You will then select survey team members and the new tag. An error occurred previously if you highlighted a surveyor in the Select Team Member ... window and pressed the Enter key instead of clicking the Select button or double-clicking the surveyor.

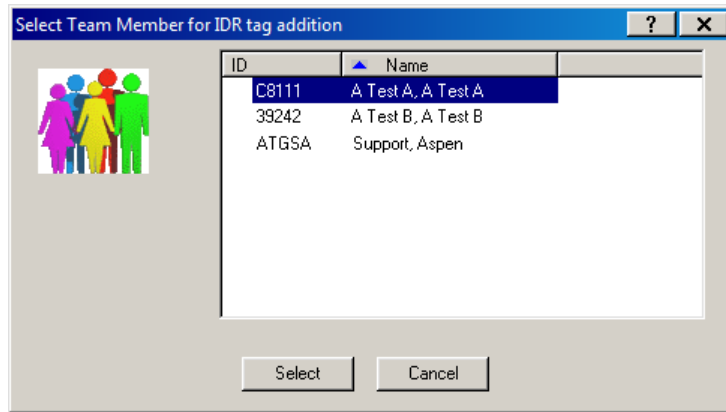


Figure 2: Team member highlighted for selection

All three methods for selecting surveyors now work properly.

## Reports

### Generate reports when user name contains apostrophe - ACO, ACTS

For users with an apostrophe in the first and/or last names in the Staff Directory, an error occurred previously when they attempted to generate reports from the Reports menu.

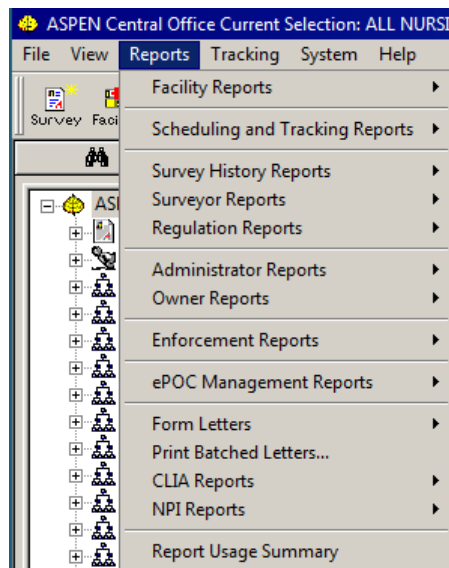


Figure 3: Reports menu in ACO

The reports now generate as expected and are added to the monitoring table in National with correct date/time information entered.

**Surveys**

**Eliminate gap maximum between 670 arrival and Date of Survey - ACO, ACTS**

A business rule mandated that the Arrival date specified on the CMS-670 for personnel on:

- Health and/or LSC survey(s) associated with a certification kit
- Complaint investigation surveys

could not be more than one year before Date of Survey (L34) - aka Certification Date, i.e., the survey Exit date.

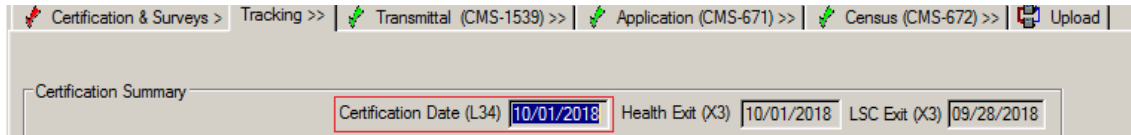


Figure 4: Certification Date (Date of Survey) in certification kit

	Staff Name/ Category Description	Lead	On Team (A)	Arrival (B)	Depart (C)	Pre-Survey Hours (D)	On-Site 12a- 8a (E)	On-Site 8a- 6p (F)	On-Site 6p-12a (G)	Travel (H)	Off Site (I)
1	A TEST A, A TEST A (C8111)	<input checked="" type="checkbox"/>									
2	Complaint Investig.		<input checked="" type="checkbox"/>	06/01/2017	06/01/2017	2.00	2.00	8.00	2.00	2.00	4.00
3	Subtotal					2.00	2.00	8.00	2.00	2.00	4.00
4	A TEST B, A TEST B (39242)	<input type="checkbox"/>									
5	Complaint Investig.		<input checked="" type="checkbox"/>	06/01/2017	06/01/2017	2.00	2.00	8.00	2.00	2.00	4.00
6	Subtotal					2.00	2.00	8.00	2.00	2.00	4.00
7	Ct (3 )	<input type="checkbox"/>									
8	Complaint Investig.		<input checked="" type="checkbox"/>	06/01/2017	06/01/2017	2.00	2.00	8.00	2.00	2.00	4.00
9	Subtotal					2.00	2.00	8.00	2.00	2.00	4.00
10	N (8 )	<input type="checkbox"/>									
11	Complaint Investig.		<input checked="" type="checkbox"/>	06/01/2017	06/01/2017	2.00	2.00	8.00	2.00	2.00	4.00
12	Subtotal					2.00	2.00	8.00	2.00	2.00	4.00
13	SUPPORT, ASPEN (ATGSA)	<input type="checkbox"/>									
14	Complaint Investig.		<input checked="" type="checkbox"/>	06/01/2017	06/01/2017	2.00	2.00	8.00	2.00	2.00	4.00
15	Subtotal					2.00	2.00	8.00	2.00	2.00	4.00
16	TOTALS					10.00	10.00	40.00	10.00	10.00	20.00

Figure 5: 670 Arrival date more than one year before Certification Date/Date of Survey

As a result:

- Program Change Requests (PCRs) had to be processed for surveys that fell outside the threshold.
- An edit check (0204-670) prevented uploads of completed surveys that did not meet the stipulated limit.

To address these issues and improve survey processing efficiency, the business rule and upload edit check have been eliminated.

## *Changes and New Features: CLIA*

### ***Batch Billing***

---

#### **Ensure total test volume does not exceed maximum**

The Batch Billing program is currently limited to a maximum fee of 9999999.99. Fees are calculated based on the annual test volume entered into the system prior to the calculation of fees. When the annual test volume was greater than 500,099,999, the fee calculation formerly errored out, which stopped Batch Billing and resulted in:

- CLIA 116 web app unavailable the following day
- Billing tasks delayed for a day

The system now prevents entry of test volumes that exceed the annual allowed maximum of 500,099,999 in order to ensure that the submitted data does not negatively impact job processing. A new edit enforces the test volume maximum and prevents the fee calculation process in Batch Billing from failing. The following error message is generated when the annual test volume maximum is exceeded.

TEST VOLUME CANNOT BE GREATER THAN 500,099,999. PLEASE REVIEW ALL SPECIALTY TEST VOLUMES.

#### **Compliance Labs**

For CLIA compliance labs, users enter or update:

- 116 specialty test volumes through the CLIA 116 web app
- Survey specialty test volumes through the CLIA 116 web app or, for SA/RO/CO users, in ACO certification kits

Annual test volumes over 500,099,999 will not be accepted for 116 specialties or survey specialties.

116 and survey specialty test volumes for labs can be entered on the Specialties tab in the CLIA 116 app.

Demographics Multiple Sites Accredited Org Info Specialties Additional Info PT Info **An asterisk (\*) indicates the field is required**

**Schedule Codes**

116 1557

Comp  Accredited  Comp  Accredited

**Specialty Source** Last Update Date

116 Specialties  Survey Specialties  Specialty History 116  Survey

**Total Annual test volume for:**

All Waived Tests:   No Testing

All PPM Tests:   No Testing

SUB-SPECIALTY	TEST VOLUME
<b>010 Histocompatibility</b>	
<input type="checkbox"/> 010 HISTOCOMPATABILITY	<input type="text"/>
<input type="checkbox"/> Transplant <input type="checkbox"/> Non Transplant	
<b>100 Microbiology</b>	
<input type="checkbox"/> 110 BACTERIOLOGY	
<input type="checkbox"/> 115 MYCOBACTERIOLOGY	
<input type="checkbox"/> 120 MYCOLOGY	<input type="text"/>
<input type="checkbox"/> 130 PARASITOLOGY	
<input type="checkbox"/> 140 VIROLOGY	
<b>200 Diag Immunology</b>	
<input type="checkbox"/> 210 SYPHILIS SEROLOGY	
<input checked="" type="checkbox"/> 220 GENERAL IMMUNOLOGY	<input type="text" value="4921"/>
<b>300 Chemistry</b>	
<input type="checkbox"/> 310 ROUTINE CHEMISTRY	
<input type="checkbox"/> 320 URINALYSIS	<input type="text"/>
<input type="checkbox"/> 330 ENDOCRINOLOGY	
<input type="checkbox"/> 340 TOXICOLOGY	

Figure 6: 116 specialty test volume for a compliance lab



Demographics Multiple Sites Accred Org Info Specialties Additional Info PT Info **An asterisk (\*) indicates the field is required**

**Schedule Codes**  
 116 1557  
 Comp  Accred  **Comp**  Accred

**Specialty Source**  
 116 Specialties  **Survey Specialties**  Specialty History **Last Update Date**  
 116 04/20/2016 Survey 06/04/2015

**Total Annual test volume for:**  
 All Waived Tests:   No Testing  
 All PPM Tests:   No Testing

SUB-SPECIALTY	EFFECTIVE DATE	EXPIRATION DATE	TEST VOLUME
<b>010 Histocompatibility</b>			
<input type="checkbox"/> 010 HISTOCOMPATABILITY	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Transplant <input type="checkbox"/> Non Transplant			
<b>100 Microbiology</b>			
<input type="checkbox"/> 110 BACTERIOLOGY	<input type="text"/>	<input type="text"/>	
<input type="checkbox"/> 115 MYCOBACTERIOLOGY	<input type="text"/>	<input type="text"/>	
<input type="checkbox"/> 120 MYCOLOGY	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> 130 PARASITOLOGY	<input type="text"/>	<input type="text"/>	
<input type="checkbox"/> 140 VIROLOGY	<input type="text"/>	<input type="text"/>	
<b>200 Diag Immunology</b>			
<input type="checkbox"/> 210 SYPHILIS SEROLOGY	<input type="text"/>	<input type="text"/>	
<input checked="" type="checkbox"/> 220 GENERAL IMMUNOLOGY	05/20/2015	<input type="text"/>	4000
<b>300 Chemistry</b>			
<input type="checkbox"/> 310 ROUTINE CHEMISTRY	<input type="text"/>	<input type="text"/>	
<input type="checkbox"/> 320 URINALYSIS	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> 330 ENDOCRINOLOGY	<input type="text"/>	<input type="text"/>	
<input type="checkbox"/> 340 TOXICOLOGY	<input type="text"/>	<input type="text"/>	

Figure 7: Survey specialty test volume for a compliance lab

If a user enters specialty test volumes that cause the total annual test volume to exceed the maximum and then navigates away from the Specialties tab, the system:

- Displays the error message indicating the test volume has exceeded the maximum

If the user ignores the edit and attempts to save the changes, the system:

- Displays the error message again
- Does not update specialty test volumes for the laboratory

SA/RO/CO users can enter survey specialty test volumes for a lab on the 1557 Specialties tab of the certification kit in ACO.

SPECIALTIES AND SUB-SPECIALTIES	EFFECTIVE DATE	EXPIRATION DATE	TEST VOLUME
010 Histocompatibility			
<input type="checkbox"/> 010 HISTOCOMPATIBILITY	//	//	
<input type="checkbox"/> Transplant <input type="checkbox"/> Non Transplant			
100 Microbiology			
<input type="checkbox"/> 110 BACTERIOLOGY	//	//	
<input type="checkbox"/> 115 MYCOBACTERIOLOGY	//	//	
<input checked="" type="checkbox"/> 120 MYCOLOGY	10/07/2018	//	436
<input checked="" type="checkbox"/> 130 PARASITOLOGY	10/07/2018	//	
<input checked="" type="checkbox"/> 140 VIROLOGY	10/07/2018	//	
200 Diag Immunology			
<input type="checkbox"/> 210 SYPHILIS SEROLOGY	//	//	132
<input checked="" type="checkbox"/> 220 GENERAL IMMUNOLOGY	10/07/2008	//	
300 Chemistry			
<input type="checkbox"/> 310 ROUTINE CHEMISTRY	//	//	
<input checked="" type="checkbox"/> 320 URINALYSIS	10/07/2018	//	1149
<input type="checkbox"/> 330 ENDOCRINOLOGY	//	//	
<input type="checkbox"/> 340 TOXICOLOGY	//	//	
400 Hematology			
<input checked="" type="checkbox"/> 400 HEMATOLOGY	05/13/1994	//	9080
<input checked="" type="checkbox"/> 320 URINALYSIS	02/01/2007	//	1149
<input type="checkbox"/> 330 ENDOCRINOLOGY	//	//	
<input type="checkbox"/> 340 TOXICOLOGY	//	//	
400 Hematology			
<input checked="" type="checkbox"/> 400 HEMATOLOGY	05/13/1994	//	9080

Figure 8: 1557 Specialties tab in certification kit

When a test volume is entered that causes the total annual test volume to exceed the maximum, the system:

- Displays the text volume maximum error message

If the user bypasses the edit and attempts to upload the kit, the system:

- Displays the error message
- Does not upload the certification kit

### Accredited Labs

AO users submit survey specialty test volumes for sponsored labs either by:

- Using the CLIA 116 web app
- Submitting a file to be processed (AO Upload)

Survey test volumes for an accredited lab are entered on the Specialties tab in the CLIA 116 app.

Demographics
Multiple Sites
Accred Org Info
Specialties
Additional Info
PT Info
An asterisk (\*) indicates the field is required

**Schedule Codes**

116

Comp  Accred  C

1557

Comp  Accred  C

[Schedule Code Chart](#)

**Specialty Source**

116 Specialties

Survey Specialties

Specialty History

**Last Update Date**

116 11/21/2014 Survey 01/25/2016

**Total Annual test volume for:**

All Waived Tests:

All PPM Tests:

No Testing

No Testing

SUB-SPECIALTY	ACCREDITING ORG	EFFECTIVE DATE	EXPIRATION DATE
<b>010 Histocompatibility</b>			
<input type="checkbox"/> 010 HISTOCOMPATABILITY	▼	▼	▼
<input type="checkbox"/> Transplant <input type="checkbox"/> Non Transplant			
<b>100 Microbiology</b>			
<input type="checkbox"/> 110 BACTERIOLOGY	▼	▼	▼
<input type="checkbox"/> 115 MYCOBACTERIOLOGY	▼	▼	▼
<input checked="" type="checkbox"/> 120 MYCOLOGY	01 TJC ▼	10/05/2011 ▼	▼
<input checked="" type="checkbox"/> 130 PARASITOLOGY	01 TJC ▼	10/05/2011 ▼	▼
<input type="checkbox"/> 140 VIROLOGY	▼	▼	▼
<b>200 Diag Immunology</b>			
<input type="checkbox"/> 210 SYPHILIS SEROLOGY	▼	▼	▼
<input type="checkbox"/> 220 GENERAL IMMUNOLOGY	▼	▼	▼
<b>300 Chemistry</b>			
<input checked="" type="checkbox"/> 310 ROUTINE CHEMISTRY	01 TJC ▼	06/02/2005 ▼	▼
<input type="checkbox"/> 320 URINALYSIS	▼	▼	▼
<input type="checkbox"/> 330 ENDOCRINOLOGY	▼	▼	▼
<input type="checkbox"/> 340 TOXICOLOGY	▼	▼	▼

Figure 9: Survey specialty test volume for an accredited lab

If a user (AO or other) enters volumes that cause the total annual survey test volume to exceed the maximum and then navigates away from the Specialties tab, the system:

- Displays the test volume maximum error message

If the user ignores the edit and attempts to save the changes, the system:

- Displays the error message again
- Does not update survey specialty test volumes for the laboratory

The AO Upload option is available to AOs in the CLIA web app for submitting data, including test volumes, for processing.

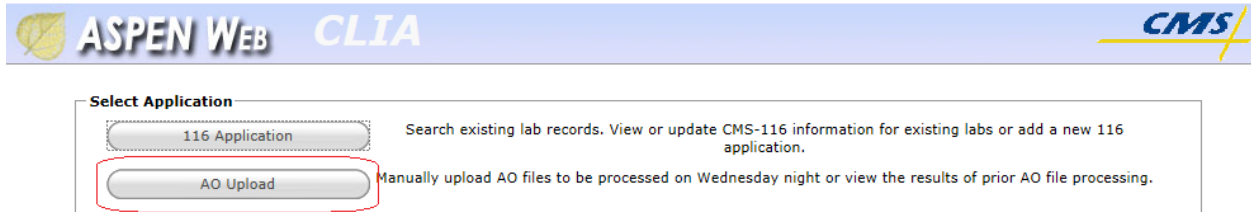


Figure 10: AO Upload option

AO Upload will not accept test volumes over the maximum. When a file submitted by an AO contains surrey specialty test volumes for a lab (or labs) that would generate a total test volume greater than the maximum allowed, the system:

- Adds the test volume maximum error message to the error output file
- Skips processing the specialty record for the associated laboratory
- Does not upload the associated laboratory

SA/RO/CO users enter 116 specialty test volumes for accredited labs on the Specialties tab in the CLIA 116 app and the test volume maximum is enforced.

Demographics Multiple Sites Accredited Org Info Specialties Additional Info PT Info **An asterisk (\*) indicates the field is required**

**Schedule Codes**

116 1557

Comp  Accred  C  Comp  Accred  C

**Specialty Source**  116 Specialties  Survey Specialties  Specialty History **Last Update Date** 116 11/21/2014 Survey 01/25/2016

**Total Annual test volume for:**

All Waived Tests: 12425  No Testing

All PPM Tests: 200  No Testing

SUB-SPECIALTY	ACCREDITING ORG	TEST VOLUME
<b>010 Histocompatibility</b>		
<input type="checkbox"/> 010 HISTOCOMPATABILITY	<input type="text" value=""/>	<input type="text" value=""/>
<input type="checkbox"/> Transplant <input type="checkbox"/> Non Transplant		
<b>100 Microbiology</b>		
<input type="checkbox"/> 110 BACTERIOLOGY	<input type="text" value=""/>	
<input type="checkbox"/> 115 MYCOBACTERIOLOGY	<input type="text" value=""/>	
<input checked="" type="checkbox"/> 120 MYCOLOGY	01 TJC <input type="text" value=""/>	200
<input checked="" type="checkbox"/> 130 PARASITOLOGY	01 TJC <input type="text" value=""/>	
<input type="checkbox"/> 140 VIROLOGY	<input type="text" value=""/>	
<b>200 Diag Immunology</b>		
<input type="checkbox"/> 210 SYPHILIS SEROLOGY	<input type="text" value=""/>	
<input type="checkbox"/> 220 GENERAL IMMUNOLOGY	<input type="text" value=""/>	
<b>300 Chemistry</b>		
<input checked="" type="checkbox"/> 310 ROUTINE CHEMISTRY	01 TJC <input type="text" value=""/>	
<input checked="" type="checkbox"/> 320 URINALYSIS	01 TJC <input type="text" value=""/>	9120
<input type="checkbox"/> 330 ENDOCRINOLOGY	<input type="text" value=""/>	
<input type="checkbox"/> 340 TOXICOLOGY	<input type="text" value=""/>	

Figure 11: 116 specialty test volume for an accredited lab

---

## *Changes and New Features: ePOC*

### ***Attachments***

---

#### **Scan provider attachments during upload**

Providers can attach supplemental documentation related to the POCs for tags on surveys at any time prior to final POC approval. ASPEN Web: ePOC now leverages an existing CMS virus scanning implementation to scan all provider attachments for viruses during upload, prior to committing the file to the database. If a file is virus-infected, the user will receive a notification and the file will not be attached, i.e., it will not be saved to the database.

The file size limit and supported file types remain the same. The maximum file size for attachments is 4 MB. As before, the following file types can be attached:

- DOC
- DOCX
- XLS
- XLSX
- PDF
- RTF
- JPG
- JPEG
- GIF
- TIFF
- TXT
- ZIP

### ***Citation Display***

---

#### **Retrieve citation information**

To display survey citation information (regulation, POC, surveyor evidence) on the Survey Detail page and generate the 2567 report, the ASPEN Web: ePOC app utilizes a complex DB view. Previously, on occasion, certain facility users encountered a “stuck thread” error that prevented display of a survey’s citations, which prevented viewing, submitting, updating, or printing survey Plan of Correction information. To minimize the risk of this error, ePOC will now retrieve citation data from the DB view via a different pathway.

## *Changes and New Features: LTCSP*

### *Surveyor Notes*

---

#### **New history feature for Surveyor Notes**

As you enter and edit notes in the Surveyor Notepad, the system will keep a history of the changes (notes save anytime you close notes or every two minutes once you start adding text). Access the list of surveyor notes from the Surveyor Notepad. Click the date/time of any note to view. You can copy and paste all or part of any historical note. This feature will also assist when Surveyor Notes disappear as some users have reported and will address this issue until a solution is found.

### *Investigations*

---

#### **Disappearing completion checkmarks for Investigations**

Some surveyors reported that their completion checkmarks on the Investigations screen would disappear. This issue has been fixed in this release.

### *MDS*

---

#### **New MDS indicator for pressure ulcers**

The two pressure ulcer MDS indicators have been updated to

- **New or Worsened Pressure Ulcer**; was Facility Acquired Pressure Ulcer and Worsening Pressure Ulcer
- **Presence of Stage 3 or 4 Pressure Ulcer**; new

## Changes and New Features: ASSURE

### AO

#### Assign Program Type ID correctly

As a CMS super user in ASSURE, you can add and update AOs (Administrative->AO Administration->Add New AO/Update Selected AO).

Figure 12: Add AO dialog

Figure 13: Update AO dialog

Previously, if you selected just one program type with a two-digit code (code not displayed to the end user) for an AO—e.g., 12 for PSYCHHOSP ONLY—it was incorrectly treated by the system as two one-digit codes—i.e., 1 and 2 instead of 12.

Figure 14: PSYCHHOSP ONLY (12) selected in Add AO

As a result, two incorrect program types (ASC and CAH) were assigned to the AO, which was apparent when you opened the Update AO dialog for the AO.



Figure 15: PSYCHHOSP ONLY (12) resolved as ASC (1) and CAH (2) in Update AO

Now, a two-digit program code is correctly treated as a single two-digit code when it is the only one assigned to the AO. The correct program type is selected in the Update AO dialog.

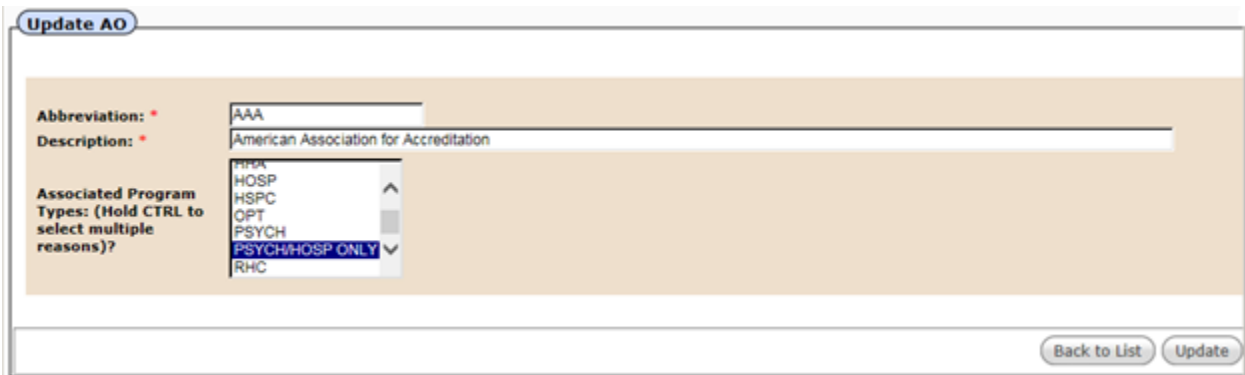
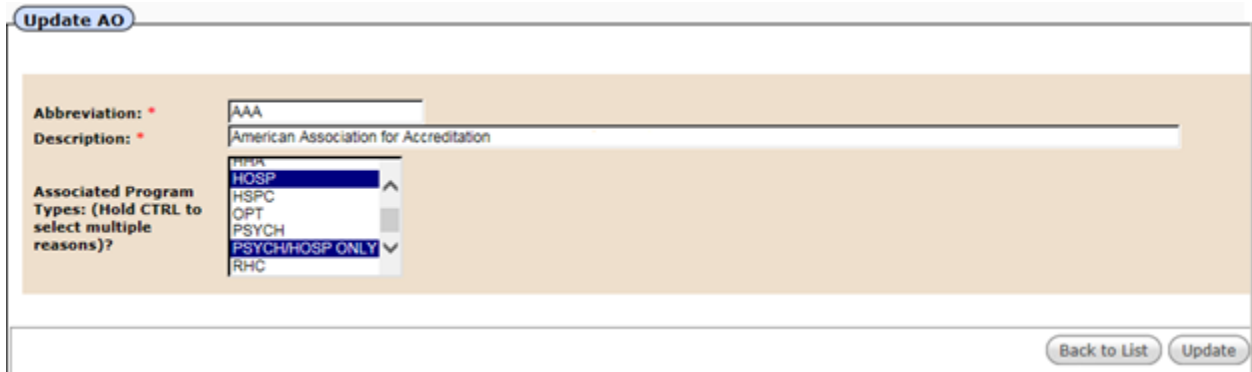


Figure 16: PSYCHHOSP ONLY (12) correctly resolved in Update AO



If you select more than one program type in Add AO—e.g., both HOSP and PSYCHHOSP ONLY—they were and are treated correctly. Two program types are assigned, HOSP with its one-digit code and PSYCHHOSP ONLY with its two-digit code.



The screenshot shows a web form titled "Update AO". The form has a light beige background and contains the following fields:

- Abbreviation:** A text input field containing "AAA".
- Description:** A text input field containing "American Association for Accreditation".
- Associated Program Types: (Hold CTRL to select multiple reasons)?** A multi-select dropdown menu with the following options: HOSP, HSFC, OPT, PSYCH, PSYCHHOSP ONLY, and RHC. The "PSYCHHOSP ONLY" option is currently selected.

At the bottom right of the form, there are two buttons: "Back to List" and "Update".

*Figure 17: HOSP and PSYCHHOSP ONLY correctly resolved in Update AO*

## ASPEN Database Additions and Modifications

### *State Server*

#### *Create Tables*

<i>Object Name</i>	<i>Description</i>
EPOC_TMP_CTN_STG	Staging table of temporary ePOC results from State for input EventID.

#### *Modify Tables*

<i>Object Name</i>	<i>Description</i>
NGS_LOG	Size of column LVL was modified

#### *Remove Tables*

<i>Object Name</i>	<i>Description</i>
CINTAKE_BAK	Drop deprecated table.
CINTAKE_CONVERT_BKUP	Drop deprecated table.

#### *Modify Table Content*

<i>Object Name</i>	<i>Description</i>
APPLICATION	Update version within table.
ATTACHMENTS	Update table content.
TABCOLUMN	Insert records within table.
TRANSACTION	Insert records within table.

## *Sybase Server*

### *Create Tables*

<i>Object Name</i>	<i>Description</i>
NGS_DOC_HSTRY	Table to store the prior versions of CLOBs stored on other tables.

### *Modify Tables*

<i>Object Name</i>	<i>Description</i>
NGS_RSDNT_ASMT	Column DSCHRG_SW was added to the table.
NGS_LOG	Size of column LVL was modified.
NGS_SRVY	Column MDS_PRCSG_DONE_DT was changed to be a datetime field from a date only field.

