CDEM (Cost Distribution Entry Module) Handbook

When an individual works on one or multiple awards, their salary is allocated based on a general percentage that represents a reasonable amount of time in relation to the work performed to each project. **CDEM** (Cost Distribution Entry Module) is a tool to track and capture the general percentage an individual should charge a cost object and fund over the expected period of work. CDEM is a tool to compare the commitment (proposed salary expense) versus actual salary expense throughout the life of the cost object and assess whether a cost object is being charged as intended. CDEM allows users to build payroll cost distribution plans outside of SAP.

CDEM also provides a way to specify a period to prorate a distribution percentage when the period of work begins or ends in the middle of a payroll period. A commitment entry must be created for every cost object and fund before it can be used in a distribution. A commitment in CDEM should be not confused with a commitment (encumbered) expense in SAP. CDEM commitments are not exported into other institutional reporting systems such as BW Reporting.

CDEM is replacing the FES system for faculty cost distributions and eliminates the need for "tracks and versions".

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 - Create new control record

COMMITMENTS

- View a commitment
- o Delete a commitment
- Add a commitment
- o Edit a commitment
- Notify when a cost object is extended
- o Proration

DISTRIBUTIONS

- Active plan
- o In-Progress plan
 - Create new plan
 - Reset plan
 - Consolidate plan
 - Delete plan
 - Add effective period
 - View effective period
 - Update distribution
 - Copy effective period
 - Delete effective period
 - Validations
 - AVC check

Workflow

- Initiate Workflow
- Approve Plan
- Return to Plan Entry
- Workflow History
- Plan History
- Cost Object view

GENERAL PROCESS OUTLINES

- Add a New Cost Object
- Salary Cap
- Assignment Change and the Department or Payroll Area Changes
- Assignment Change Within Same Department
- No Cost Extension
- o Create, Initiate and Approve an In-progress plan

Glossary

Active Plan - List of current cost object distributions by effective period

AVC Check – Available control; a process that checks encumbered plus actual expenses against budget

Budget Validity - Start and end date a cost object is available to be charged

CDEM - Cost distribution entry module; a tool to compare the commitment (proposed salary expense) versus actual salary expense throughout the life of the cost object and assesses whether a cost object is being charged as intended

Commitments – The general percentage an individual will charge a cost object and fund over the expected period of work

Control Record – Information for an individual based on assignment with a contiguous period that has the same payroll area and organizational unit

Cost Distribution – The percentage of salary charged to a cost object

Cost Object - Cost center or WBS element

Effective Period – A cost distribution's start and end date of a cost object

Fund – Fund associated with the cost object

Fund Type – Fund identifier to distinguish between EXTERN (funded by an external source such as a sponsor), INTERN (funded internally by UK) and CSTSHR (funded by cost share, internally funded by UK)

In-Progress Plan – List of cost object distributions by effective period for the use of making changes to the cost objects and/or percentages to be charged

PADR – Project Account Data Record; document created by OSPA for new and updated award information that contains WBS element details, award documentation, budgets, etc

PBC - Position budget control; The salary encumbrance based on assigned cost distributions

UFP – Use for Proration; A function to prorate salary and fringe commitment within a distribution when the effective period does not begin and/or end on a payroll cycle

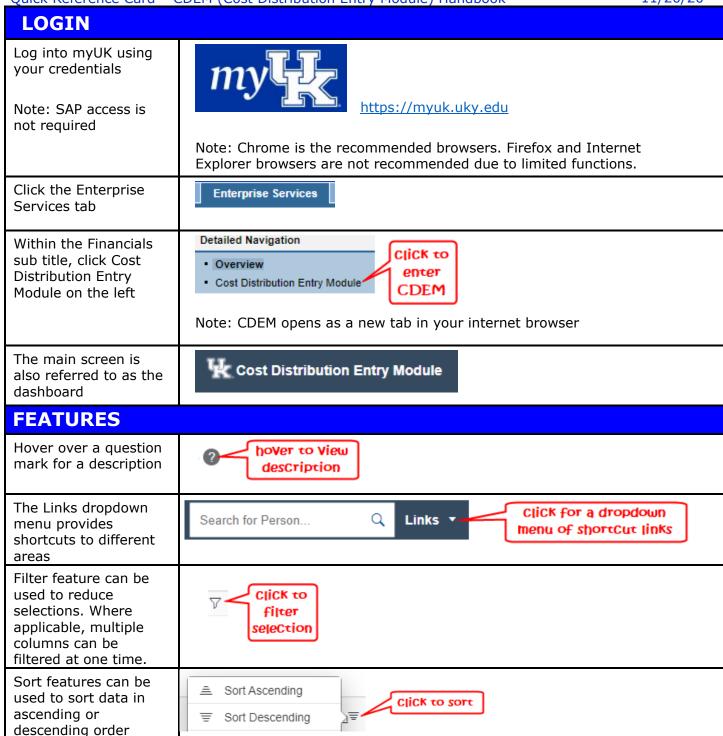
Workflow – The process of replacing the active plan with the In-progress plan

| AUTHORIZATI | ON | | | | | | |
|---|---|------------------------|------------------------------|--|--|--|--|
| | | stain access to CDEM | CDEM puthorization structure | | | | |
| | nd CDEM online training into ob JserID (linkblue ID) or an orgai | | | | | | |
| Authorization | Access to CDEM is requested | | | | | | |
| Authorization | access form is located on the | | | | | | |
| | training, access is granted. | | | | | | |
| | | | | | | | |
| | CDEM provides access based on the type of authorization requested; Us | | | | | | |
| | authorization or Organization | | , | | | | |
| UserID Authorization | Individuals must have access | to SAP to use CDEM, b | out no specific SAP role is | | | | |
| | required | | | | | | |
| Organizational Unit | The department number dete | | | | | | |
| (Department number) | access to the data associated | to the department nur | mber AND all sub- | | | | |
| Authorization | departments. | 74000 | | | | | |
| | Dentistry Oral Health Science Dentistry Oral & Maxillofacial | 7A800 | access given to | | | | |
| | Dentistry Oral & Maxilloracial Dentistry Orthodontics | | 7A800 includes | | | | |
| | Division of OMES | 7A500 7A810 | access all | | | | |
| | Division of Olvies Division of Pediatric Dentistry | | sub-departments | | | | |
| | Division of Adult Dentistry | 7A830 | | | | | |
| | Division of Oral Pathology | 7A840 | | | | | |
| | Division of Orofacial Pain | 7A860 | | | | | |
| | Division of Orthodontics | 7A870 | | | | | |
| | Division of Public Health Den | | | | | | |
| Types of Organization | There are two options when s | | t number for CDEM | | | | |
| Types of Organization Unit (Department | authorization: | peenying a acparamen | chamber for eben | | | | |
| number) Authorizations | | | | | | | |
| | of the user's assignment to determine the organizational units to which | | | | | | |
| | they have access for HR transactions. The SA option is recommended | | | | | | |
| | for CDEM users who also have access to t-code PA30 to maintain HR | | | | | | |
| | data. In addition to the organizational unit of their assignment, users' positions could be set up to have access to additional departure via the Z20 "manages" relationship. Note that Z20 relationships | | | | | | |
| | | | | | | | |
| | | | access is different from | | | | |
| | | | " Use custom authorization | | | | |
| | for any exceptions. | | | | | | |
| | b. Custom Authorization. If the user does not have the necessary CDEM | | | | | | |
| | access per their SAP assignment, use the custom option and specify the | | | | | | |
| | department number to which the individual needs access. Custom authorization should be used for STEPS personnel. | | | | | | |
| | authorization Should D | e used for STEPS perso | חוווכו. | | | | |

CDEM Roles

Roles in CDEM are not linked to roles in SAP but like roles in SAP provide levels of access and functions in CDEM.

| CDEM Roles provide | Types of Role | Description |
|--|------------------|---|
| levels of access and | Commitment Entry | Add and maintain cost objects and the general percentages in the |
| functions based on the | | commitment section, includes: |
| type of role | | View general access (including salary and amounts expressed in dollars) |
| A user can have access to multiple roles | | The roles for commitment entry and plan entry are separate to provide maximum flexibility. Cost objects must be present in commitments before available for entry in a distribution. In most cases, users who will be entering plans (cost distributions) should also be given the commitment role. |
| | Plan Entry | Create and enter an in-progress plan (cost distribution), includes: • Perform AVC check |
| | | Submit the plan into the workflow |
| | | Alerts - acknowledge, confirm or cancel |
| | | View general access (including salary and amounts expressed in dollars) |
| | Approver | User can approve a plan, includes: |
| | | Perform AVC check |
| | | Return an approved plan to "plan-entry status" |
| | | View general access (including salary and amounts expressed in dollars) |
| | | In CDEM, users who enter plans may also approve the plan. |
| | | In the current "limited" CDEM workflow, a plan is approved by one of many possible persons and before it is queued for IT27 |
| | | creation. There is currently no multi-level approver, in which for example there is an approver at the department level, then an approver at the college level. |
| | View General | View general, includes view of: |
| | | Control Records and related data |
| | | • Commitments |
| | | Plans and related data, including salary and amounts expressed in |
| | | dollars |
| | | Alerts, assignment history and related data |
| | | • Run reports |



ALERTS

The alert process looks for data impacting IT27s. CDEM does various checks including checks for master FI and HR data changes that affect distribution, cost object end date extensions, changes to a cost object that would cause a future distribution to fail, etc. Alerts messages related to a control record, status changes on an individual's IT27 and budge period changes

Alerts summary is located on the dashboard

Alerts are categorized by FI, HR and Other types

Alerts can be refreshed for an immediate update

Click the boxed arrow to view list of alerts

Individuals with alerts are listed with assignment and alert information

Alerts must be resolved before distributions can be updated

Add a date to the Detected since filter to narrow down results for alerts detected since the date entered

Select an Alert status from the list to narrow results to the status selected;

Click triple arrow icon to go to the individual's control record

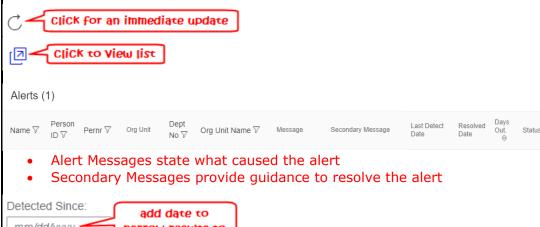
Click display icon to view alert details



Note: Users will be notified by email when an alert occurs

Types of Messages and Examples

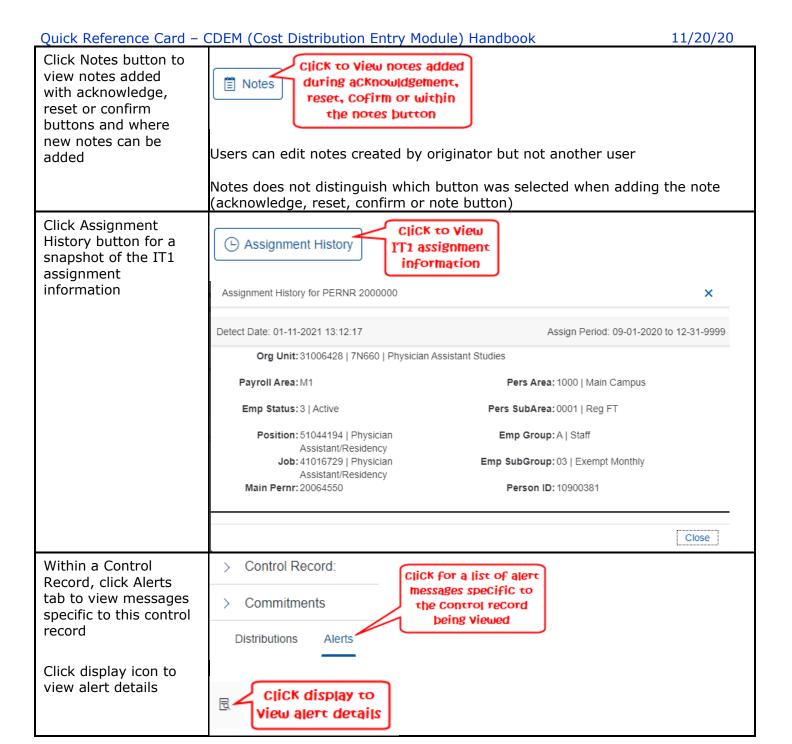
- <u>FI Messages</u>: A cost object becomes closed for posting and invalidate the distribution of an active plan and when a grant budget period changes that may require a change in the active plan
- <u>HR Messages</u>: Assignment changes that impact the control record (for those effective on or after the ERD) and position changes
- Other Messages: Workflow issues and the Approver is no longer at UK



mm/dd/yyyy narrow results to alerts detected **Apply Date** since date entered Alert Status: Select an option select an alert status from the list to narrow Outstanding results to the status selected Resolved Click to go to Control reCord Click display to

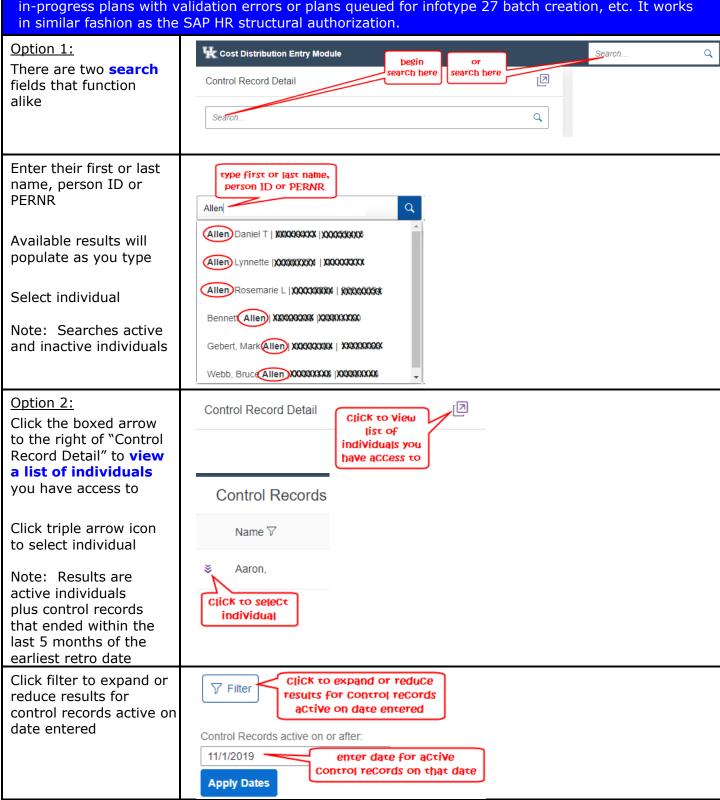
view alert details

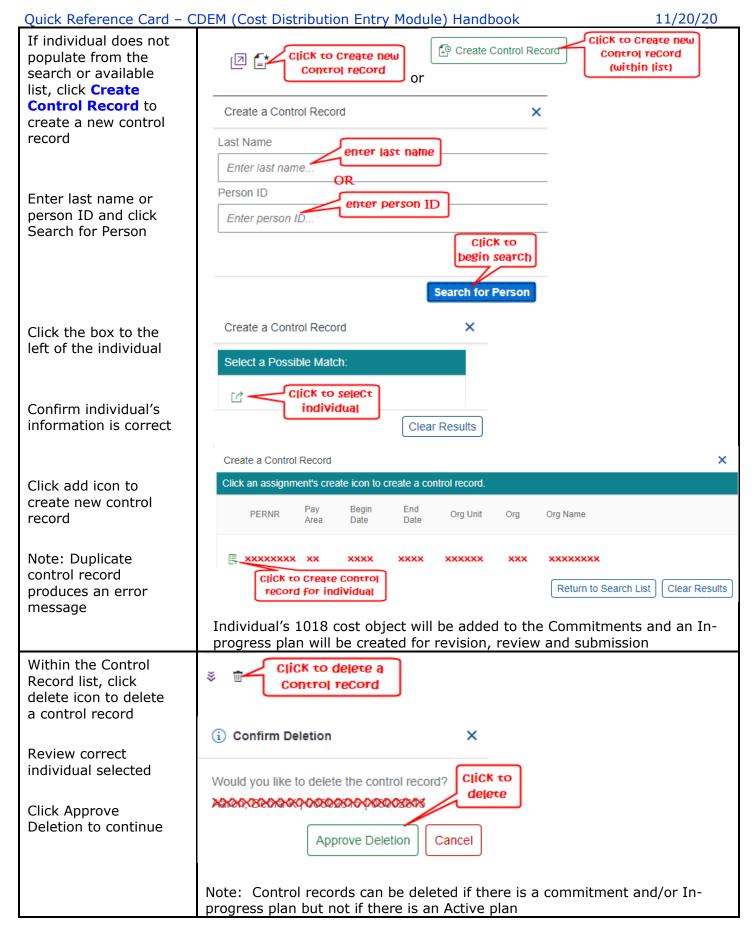
Example: Alert Details will list assignment Name: Jones, Casey | 0000 0000 | 11081108 | M1 information, alert Org Unit 30004098 | 7H100 | Anatomy message, detected information, Message: 50006 | Assignment change, control record shortened. IT27 OUTSIDE the resolution new control record boundary. information, etc. Secondary CDEM created a new plan to delimit IT27 and it is queued for activation. Message: This message resolves automatically when the plan is activated. Message See control record periods on Alert Detail page Data: Resolution Instructions: Plan gueued for activation to delimit IT27 Resolution Action: PEND | Pending First Detected 11/10/2020 15:00:02 Last Detected 11/10/2020 15:00:02 Resolved By: Resolved Date: Alert Status: OUTS | Outstanding Days Outstanding: 2 Alert Class: CR shortened IT27 delimit Alert Area & Type: HR | Action Required Confirmation Required: NA | Not Applicable Confirmed By: Confirmed Date: ConRec Original Period: 10/01/2017 to 12/31/9999 Original Active Plan: 200003498 Conrec New Period: 10/01/2017 to 11/09/2020 New Plan: 200005890 New Plan Status: 60 | Approved New Plan Source: CDEM For administrative use: Message Key: CRS1 20171001 99991231 20171001 20201109 CR_ID 100003480 Alert_ID: 500003480 Click Acknowledge Click to acknowledge button to Acknowledge alert was read acknowledge the alert was seen and read on These types of alerts are informational that CDEM performed a particular an action CDEM made action performed Notes can be added as needed Acknowledge and Reset buttons only appears on alerts that require an acknowledgement Click Reset button to Click reset to retract (undo) an retract an Reset acknowledgement aCKnowledgement Note: Reset does not Notes can be added as needed have any effect on CDEM's action

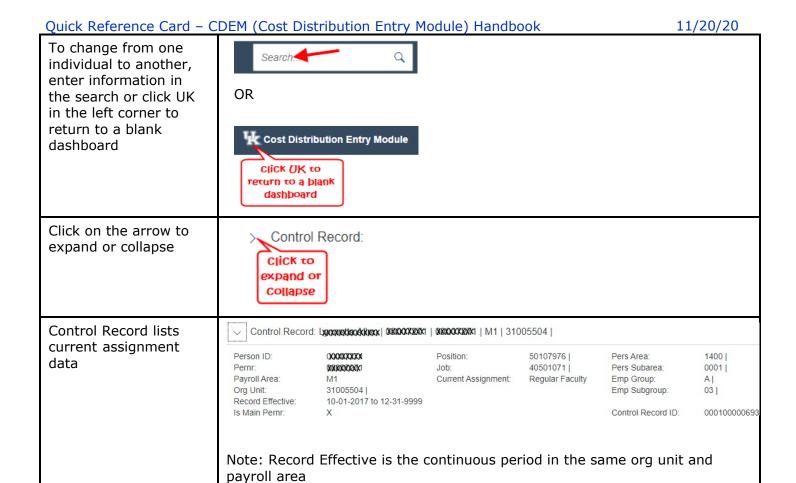


CONTROL RECORD

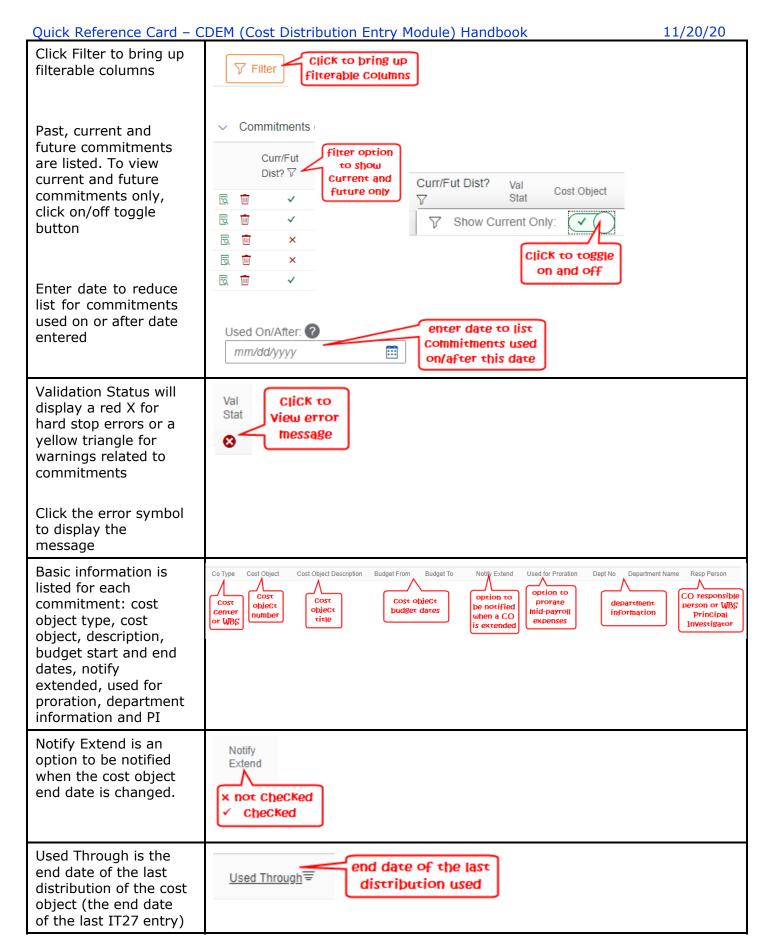
The CDEM Control Record captures the contiguous periods when an assignment number (PERNR on PA0001) has the same payroll area and organizational unit. The Control Record is the parent record to all the other CDEM tables housing commitment and distribution plan information to be controlled by users which authorization to the HR organizational unit. Control Record List is the location to find in-progress plans with validation errors or plans queued for infotype 27 batch creation, etc. It works in similar fashion as the SAP HR structural authorization.

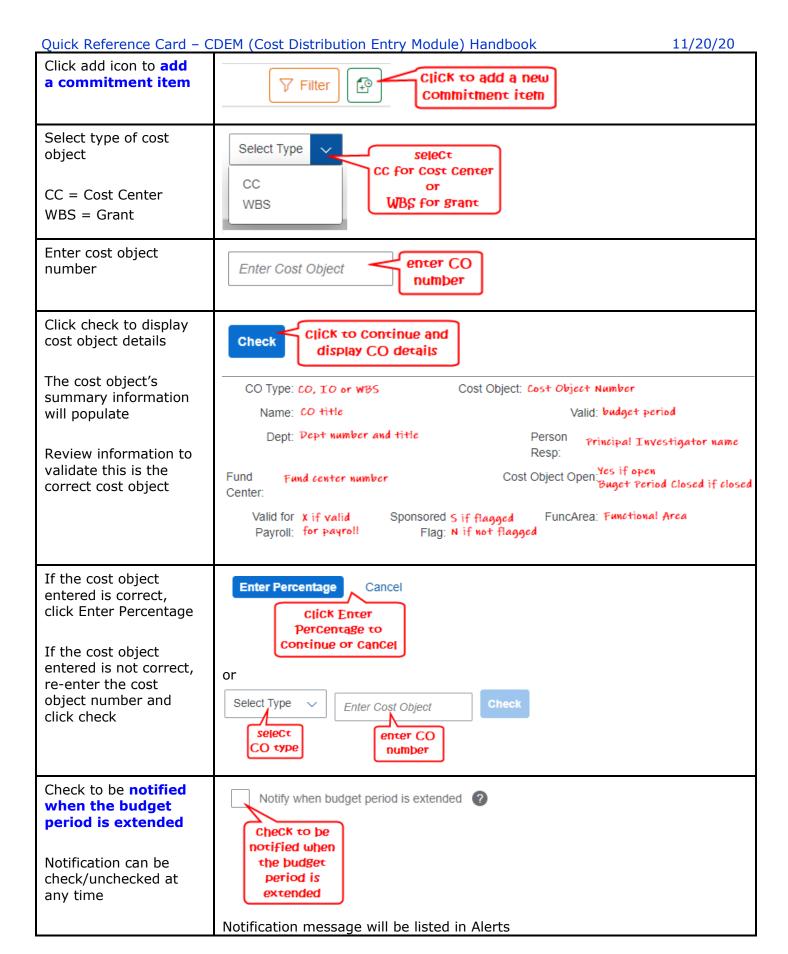


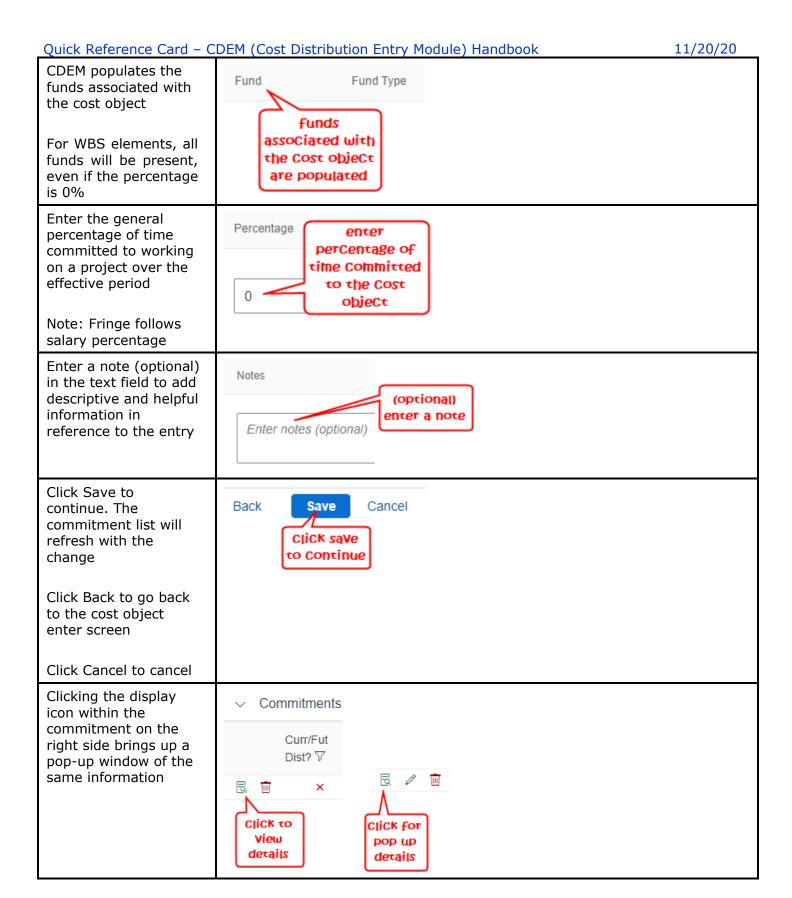


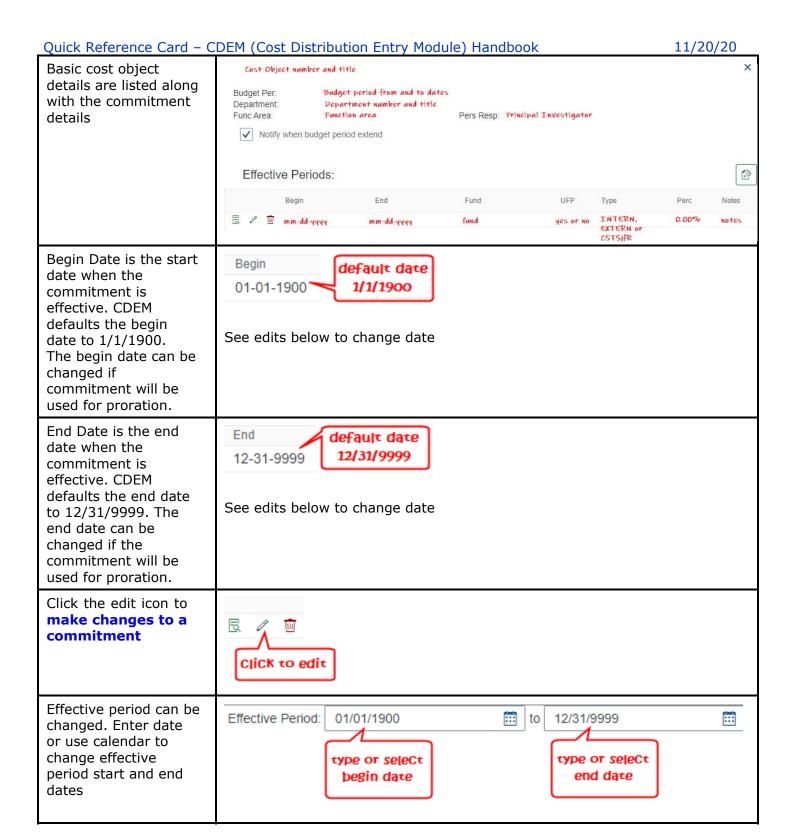


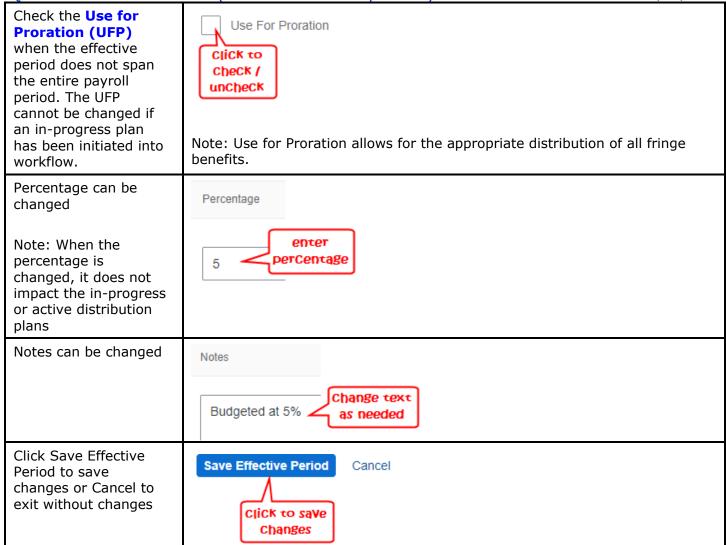
COMMITMENTS Commitments is a tool that captures the general percentage an individual should charge to a cost object and fund over the expected period of work. This general percentage can be used to evaluate whether a cost object is being charged as intended. Commitments in CDEM should not be confused with a commitment (encumbered) item in SAP. A commitment entry must be created for every cost object and fund before Commitments it can be used in a distribution. Commitments can be updated at any time, unrelated to distribution, to build individual funding portfolios. Click on the arrow to Commitments view a list of commitments for the Click to individual expand or Collapse Click the display icon Commitmer to view details of a specific Curr/Fut commitment Click to View Dist? Commitment details Information on what details are available are discussed below Click delete icon to Commitme remove a commitment Curr/Fut Click to delete Dist? A commitment can Commitment ∇ only be removed if it was never used in a 튭 distribution Note: Deleting a commitment does not alter existing commitments to cover gaps in time











11/20/20

| Example of a new | | ribution Entry Mo | | | | 11/20/20 |
|--|--|--|--|----------------------|--------------------------------------|---|
| • | | before | | | | |
| commitment that is | Begin | End | Fund | UFP | Туре | Perc |
| "inserted" within the pre-existing effective | 04-01-2020 | 12-31-9999 | 0226000000 | No | EXTERN | 25.00 |
| period period | 04-01-2020 | 12-31-9999 | 0011890300 | No | CSTSHR | 0 |
| | 04 01 2020 | 12 01 0000 | 301100000 | 140 | 00101110 | |
| | | after |] | | | |
| | Begin | End | Fund | UFP | Туре | Perc |
| | 06-15-2020 | 12-31-9999 | 0226000000 | No | EXTERN | 25.00 |
| | 06-15-2020 | 12-31-9999 | 0011890300 | No | CSTSHR | 0 |
| | 05-15-2020 | 06-14-2020 | 0226000000 | Yes | EXTERN | 1.00 |
| | 05-15-2020 | 06-14-2020 | 0011890300 | Yes | CSTSHR | 0 |
| | 04-01-2020 | 05-14-2020 | 0226000000 | No | EXTERN | 25.00 |
| | 04-01-2020 | 05-14-2020 | 0011890300 | No | CSTSHR | 0 |
| Example of a new | † | | Begin | | End | |
| commitment that is | | before | 04-01-2020 |) | 12-31-9999 | |
| entered and overlaps the effective period of | Begin | End | 04-01-2020 | | 12-31-9999 | |
| an existing commitment. | _ | 12-31-9999 | | 03-31-2020 | | |
| CDEM will change the end date of the existing | | | | | | <after td="" <=""></after> |
| commitment to the day | 01-01-1900 | 12-31-9999 | 01-01-1900 | 03-31-2020 | | |
| commitment effective period | Click to del | ete | | | | |
| Deleting within a cost | Effective Peri | iods: | for example, one of | ٦ | | |
| object can be used when there are | Begin | End | these effective period Could be deleted | S UFF | P Type | |
| multiple commitment | □ Ø W 01-01-2 | | | ١١١ | Турс | Perc |
| periods that have | | 2021 12-31-3333 | 022600000 | No | EVTEDN | Perc 15.00 |
| P | 01-01-2 | 2021 12-31-9999 | 0226000000 0011890200 | No No | | 15.00 |
| different percentages | ©1-01-2 | | | | | 15.00 |
| different percentages | □ 10-01-2 | 2020 12-31-2020 2020 12-31-2020 | 0011890200 0226000000 0011890200 | No No No | CSTSHR EXTERN CSTSHR | 15.00 1.00 10.00 5.00 |
| different percentages Deleting a | 同 / 面 10-01-2 10-01-2 同 / 面 01-01-1 | 2020 12-31-2020 2020 12-31-2020 1900 09-30-2020 | 0011890200 0226000000 0011890200 0226000000 | No No No | CSTSHR EXTERN CSTSHR EXTERN | 15.00 1.00 10.00 5.00 |
| different percentages Deleting a commitment does not | 日 回 10-01-2 10-01-2 日 回 01-01-1 01-01-1 | 2020 12-31-2020 2020 12-31-2020 1900 09-30-2020 1900 09-30-2020 | 0011890200 0226000000 0011890200 0226000000 0011890200 | No No No No | CSTSHR EXTERN CSTSHR EXTERN CSTSHR | 15.00 1.00 5.00 15.00 |
| Deleting a commitment does not change the end date of any existing | 日 回 10-01-2 10-01-2 日 回 01-01-1 01-01-1 | 2020 12-31-2020 2020 12-31-2020 1900 09-30-2020 | 0011890200 0226000000 0011890200 0226000000 0011890200 | No No No No | CSTSHR EXTERN CSTSHR EXTERN CSTSHR | 15.00 1.00 5.00 15.00 |
| Deleting a commitment does not change the end date of any existing commitments to | 10-01-2 10-01-2 10-01-2 10-01-1 01-01-1 | 2020 12-31-2020 2020 12-31-2020 1900 09-30-2020 1900 09-30-2020 | 0011890200 0226000000 0011890200 0226000000 0011890200 | No No No No | CSTSHR EXTERN CSTSHR EXTERN CSTSHR | 15.00 1.00 10.00 5.00 15.00 |
| Deleting a commitment does not change the end date of any existing commitments to 12/31/999 | 10-01-2 10-01-2 10-01-2 10-01-1 01-01-1 | 2020 12-31-2020 2020 12-31-2020 1900 09-30-2020 1900 09-30-2020 | 0011890200 0226000000 0011890200 0226000000 0011890200 | No No No No | CSTSHR EXTERN CSTSHR EXTERN CSTSHR | 15.00 1.00 10.00 5.00 15.00 |
| different percentages Deleting a commitment does not change the end date of any existing commitments to | 10-01-2 10-01-2 10-01-2 10-01-2 10-01-1 10-0 | 2020 12-31-2020 2020 12-31-2020 1900 09-30-2020 1900 09-30-2020 | 0011890200 0226000000 0011890200 0226000000 0011890200 oe removed if it | No No No No | CSTSHR EXTERN CSTSHR EXTERN CSTSHR | 15.00 1.00 10.00 5.00 15.00 |

10-30-2020 by TDJO238

10-30-2020 by TDJO238

Plan Created

Last Changed:

Activated Date:

DISTRIBUTIONS

Distributions is the tool to update IT27 cost distributions. Distribution is an allocation that represents how an individual spends their time on each cost object. Distributions will list the current Active plan, In-progress plan and Prior Active plan. To make changes to an Active plan, an In-progress plan is created. Once the necessary changes are made and the In-active plan is submit and approved, the In-progress plan becomes the Active plan. Creating an In-progress plan is similar to FES. Payroll will continue to use 1018 cost distributions when there are gaps in effective periods.

Earliest Retro:

(AVC Check:)

Active, In-progress and Prior-Active plan headers lists general details relative that plan such as validation status, workflow status, ERD, AVC check, etc. Active plan example

Validation Status:
Workflow Status:
Plan Notes:

Okay
70 | ACTIVATED AVC Check:
Plan Notes:

Okay
70 | ACTIVATED AVC Check:
Plan Notes:

AVC Check:
Plan Notes:

AVC Check:
Plan Notes:

AVC Check:
Plan Notes:

O4-01-2020
AVC Check:
Plan Notes:

AVC Check:
Plan Notes:

O7-23-2020

Plan Created:
D8-26-2020 by DGAGEL
Activated Date:
O7-23-2020

O7-23-2020

(AVC Check:)

AVC Check

04-01-2020

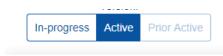
CHECK

Validation Messages

RIREQUIRES

The **Active plan** lists cost object distributions by effective periods

Click display icon to display cost objects and percentages for that effective period



10 | UNIT ENTRY

Error

Eff. Periods

Effective Period View

Validation Status;

Workflow Status:

(Plan Notes:)



06-01-2021 06-30-2021 05-01-2021 05-31-2021

Effective Periods

Effective Period: 06-01-2021 - 06-30-2021 (7)

| Val Stat | Cost Object | Fund | Statistical Int Order | Cost Object Description | CO Open for Posting | Fund Type | Entered Perc. | Prorated Perc. | Salary Pror. Perc. | Budget From | Budget To | Days Charged / Period | Proration |
|-------------|-------------|------------|--------------------------|-------------------------|------------------------|-----------|------------------|-------------------|-----------------------|-------------|------------|--------------------------|-----------|
| | 1071512000 | 0071200100 | | OB IVF 🕜 | Yes | INTERN | 5.00 | 5.00 | \$868.62 | 07-01-2011 | 12-31-9999 | 30 / 30 | n/a |
| | 3200000306 | 0226000000 | | OVULATION AND LUTEAL | Yes | EXTERN | 3.54 | 3.54 | \$614.98 | 07-01-2015 | 06-30-2021 | 30 / 30 | n/a |
| | 3200000306 | 0011890200 | | OVULATION AND LUTEAL | Yes | CSTSHR | 0.21 | 0.21 | \$36.48 | 07-01-2015 | 06-30-2021 | 30 / 30 | n/a |

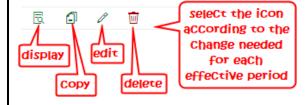
Click **Create New Plan** to create a new cost distribution plan (**In-Progress plan**)

Effective periods from active plan are copied from 1/1 current year or 7/1 of the previous year, whichever is the newer timeframe (i.e., in February, effective periods from 7/1 are copied, in August, effective periods from 1/1 are copied

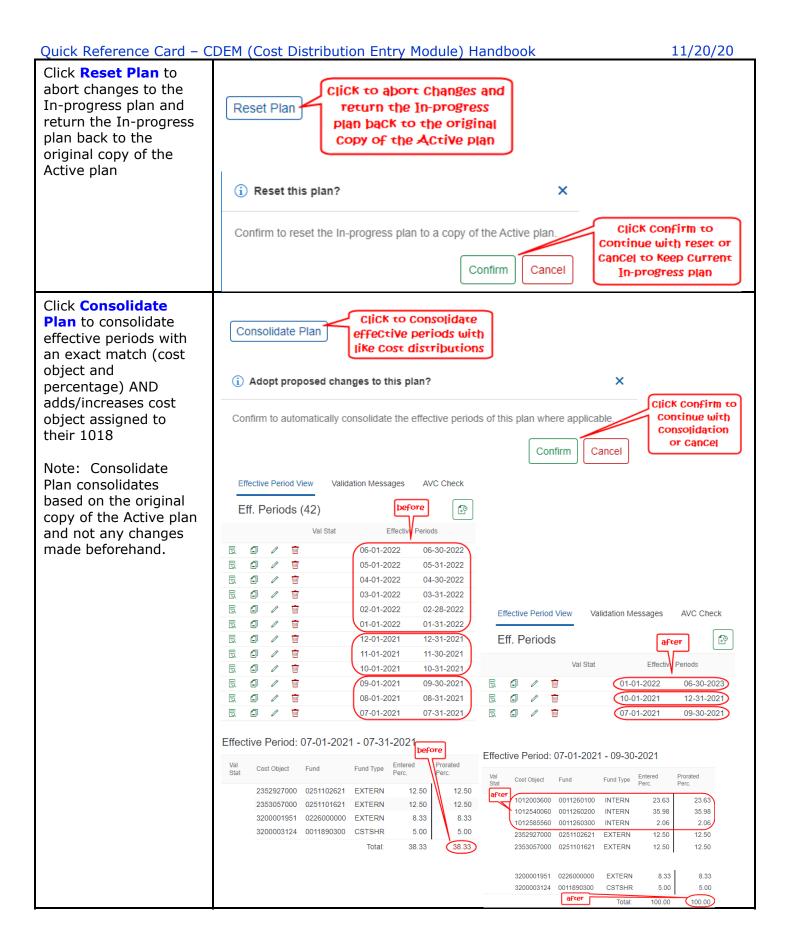


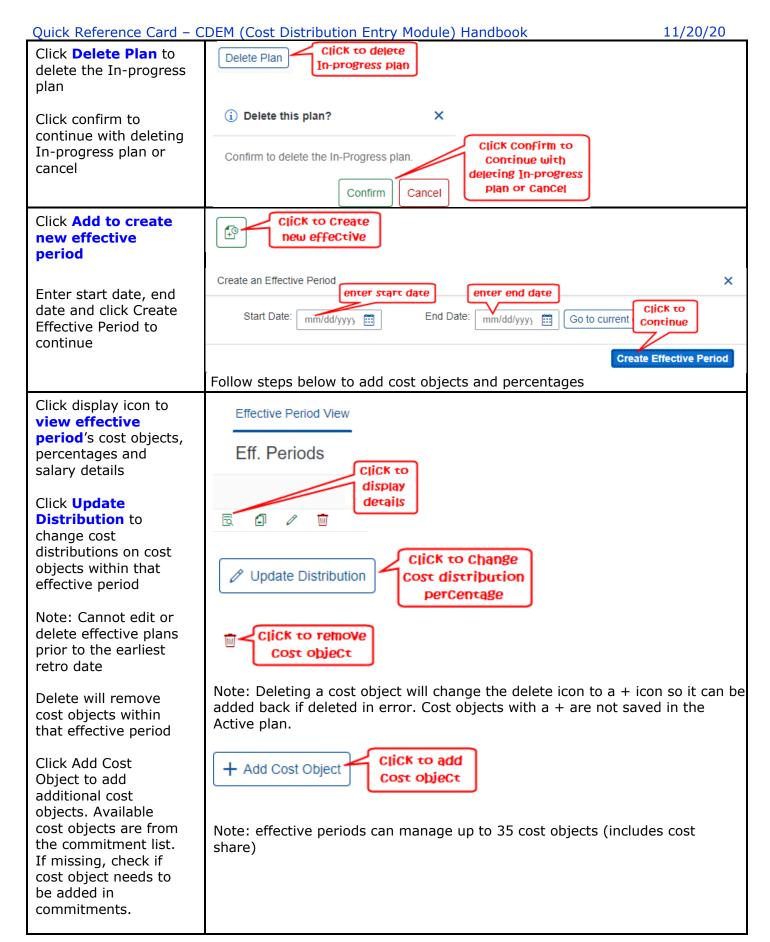
Effective Period View

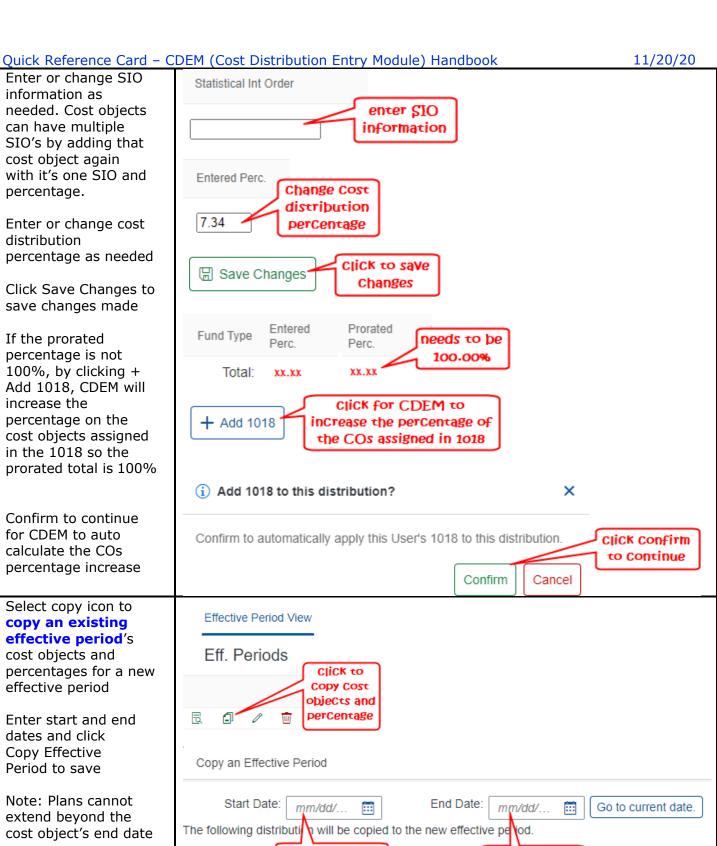
Eff. Periods



Display, copy, edit and delete discussed below







Note: Expired cost objects will be

objects will be crossed out and not included in the new in-progress plan

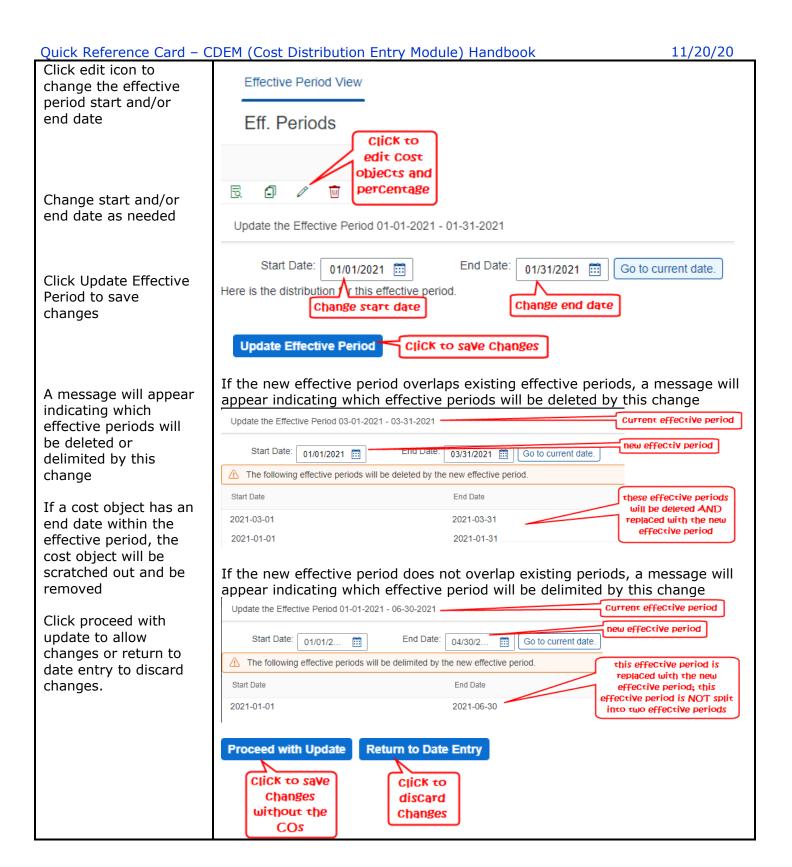
If the cost objects or percentages need to be changed, use the display function (discussed above)

Click to save new effective period

enter end date

enter start date

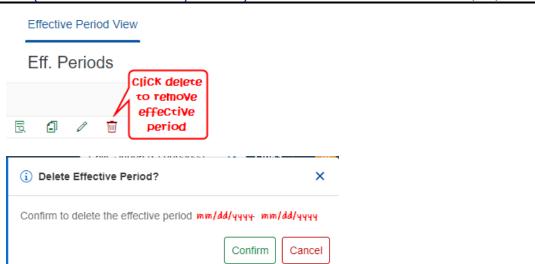
Copy Effective Period



Click delete to remove effective period

Click "confirm" to confirm deletion is correct

Click "cancel" to stop cancellation

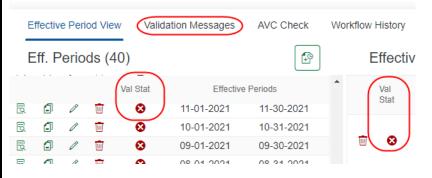


Validations are messages related to in-progress distribution plans, and checks rules for creating distributions are followed and checks for master data issues such as closed cost objects, earliest retro date, etc.

Validation messages are regenerated every time a plan is updated by the user. Users will have a function to re-check validations after making fixes and corrections.

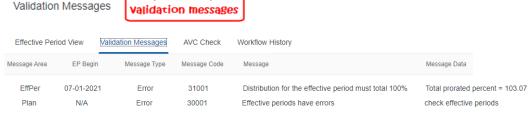
Validation message on in-progress plans are generated daily and when a plan moves through the workflow.

In-progress plans can be saved with errors; however, the errors must be resolved before the Inprogress plan can be submitted There are multiple locations to view validation messages; Validation Messages in the menu, the effective period on the left and within the effective period on the right



Click Validation Messages for a complete list of error messages

list View of



Within the Effective Period View, click on the red X to view errors specific to that effective period



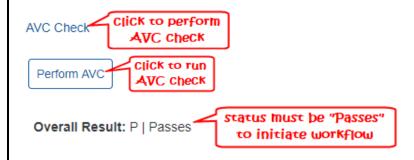
Click **AVC Check** then click Perform AVC to perform the AVC check

AVC Check status must be "Passes" before an Inprogress plan can be submitted

The AVC check is performed on each grant in the distribution using the change in salary dollars to be charged

A general percentage of 10% is applied for benefits to the salary dollars

Note: AVC check is only required when at least one cost object is a grant



AVC check is the available control (AVC) that checks consumption (actual plus encumbrances) against budget to prevent overcharging. CDEM compares the In-progress plan with the Active plan distributions.

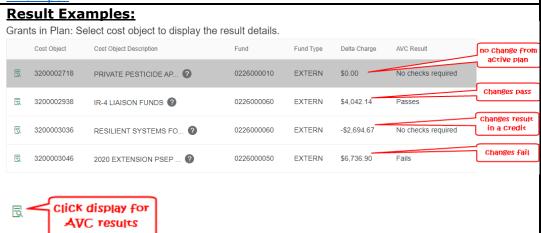
AVC check must pass or pass with credit

- Requires Check AVC check needs to be performed before workflow can be initiated
- Not Applicable No grants in the distribution
- Passes All grants on the version pass the AVC check, no credits involved
- No checks required All grants on the version pass the AVC check, but a credit is involved (Indicates that another DOE crediting the grant may need to be activated at the same time to release funds. Some credits may be very small and may not be a factor.)
- Fails At least one grant in the distribution fails the AVC check

Below is a link to RFS's QRC on how to run the CMAVCOVRW tcode https://www.uky.edu/ufs/sites/www.uky.edu.ufs/files/QRC%20AVC%20Overview.pdf

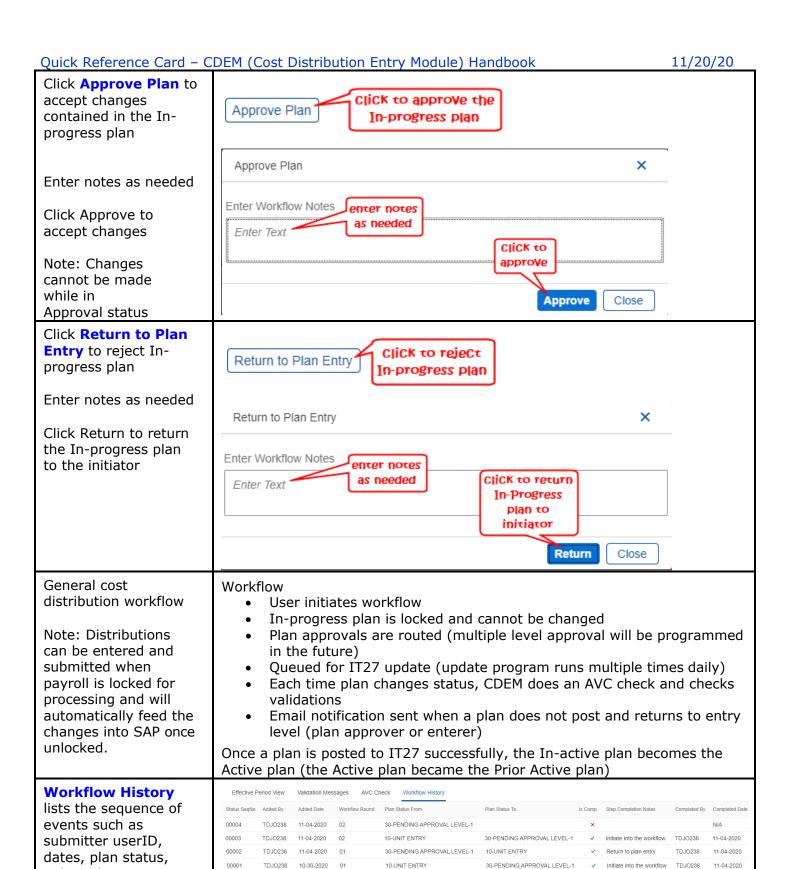
AVC Check results provides a list of grants, cost distributions and AVC status

Click the cost object to populate a list of individuals who are using that cost object, budget amount and consumption amount per sponsor class



Quick Reference Card – CDEM (Cost Distribution Entry Module) Handbook 11/20/20 **Example of a pass:** AVC Check pass and fail examples AVC Results for 3200002938 | 0226000060 AVC SP Class Check Amount Over Budg Amt Available Balance Total Expense Tol. Prof. Total Budget \$16,750.00 Direct Exp... ? E510000 \$4,042.11 \$0.00 \$7.022.26 \$9.727.74 Where Used In-progress plans for 3200002938 | 0226000060 Employee Group PersonID Pernr AVC SP Class Delta Charge InProg Plan Charge 30000235 | 81080 | Entomology Bessin, Ricardo T C | Faculty 00009542 00009542 0000511011 E510000 \$4,042.11 \$6,512.38 Example of a fail: AVC Results for 3200003046 | 0226000050 Tol. Prof. AVC SP Class Check Amount Over Budg Amt Available Balance Total Expense Total Budge Direct Exp... ? E510000 \$6.736.87 -\$8.347.36 -\$1 610 49 \$15,677.49 \$14,067.00 Where Used In-progress plans for 3200003046 | 0226000050 AVC SP Class Delta Charge InProg Plan Charge 30000235 | 81080 | Entomology Bessin, Ricardo T C | Faculty 00009542 00009542 0000511011 E510000 \$2,415.24 Click to submit Initiate Workflow In-progress plan Once error free and AVC check passes, Initiate workflow will be visible

Click **Initiate** Workflow to submit In-Progress plan Note: Initiate Workflow button will be greyed out until all Initiate Plan Workflow X errors resolved and AVC passes enter notes Enter Workflow Notes as needed Enter notes as Enter Text needed Click to submit Click Initiate to submit Initiate Close Currently, there is one level of approvers. Future phase will have multiple levels of approvers. These will be pre-defined and stored in a table If the In-progress maintained by the department. plan matches the Active plan, an error message will populate



notes, etc.

11/20/20 Quick Reference Card – CDEM (Cost Distribution Entry Module) Handbook **Plan History** Plan History provides the Plan Notes FR Date Plan Version Plan Status Plan Source Activate Date Moved to History Plan ID historical dates when 04-01-2020 000200005368 active and in-In-Progress Plan Entry DEPT N/A N/A progress plans were Active Active CONV 07-23-2020 04-01-2020 N/A 000200002903 created and updated Click display for Workflow History for Selected Plan: further details of that Status SeqNo Added By Added Date Workflow Round Plan Status From plan's workflow 00007 TDJO238 12-10-2020 03 60-Pending SAP Posting 16:02:36 00006 TDJO238 12-10-2020 03 30-Pending Approval LEVEL-1 60-Pending SAP Posting Approved plan TDJO238 12-10-2020 16:02:36 history 10-Plan Entry 30-Pending Approval LEVEL-1 00005 TDJO238 11-04-2020 03 TDJO238 12-10-2020 16:02:28 **Cost object view** Cost Object View lists cost objects Cost Objects used in an effective period CO Type Cost Object Fund Internal Order Fund Type CO Name **Budget Period** Click display to view Click to display the effective periods 艮 effective periods where where that cost this Cost object is used object is used Cost Object Detail: 3200000000| 0011890300 | IntOrd: N/A Cost object details are listed along with DEVELOPING A DISEASE SURVEILLANCE. **Budget Period Total** CO Open: Yes Budget Period: 10-01-2019 - 09-29-2020 Salary, Cost Object Responsible Person: CHRISTIAN WARREN DEPARTMENT OF Department: 7 Comm%: 4.00% CO % Sal: 1.75% Total Salary, Cost BP Tot Sal: \$261,225.62 CO Tot Sal: \$4,582.89) **Object Salary** Dist Perc Salary Dollars Effective From Effective To percentage being

04-01-2020

05-01-2020

06-01-2020

07-01-2020

08-01-2020

09-01-2020

Totals

charged and current

Commitment

percentage

04-30-2020

05-31-2020

06-30-2020

07-31-2020

08-31-2020

09-30-2020

7.00%

1.00%

1.00%

4.00%

4.00%

4.00%

\$1,527.64

\$218.23

\$218.23

\$872.93

\$872.93

\$872.93 \$4,582.89

| Add New Cost Object general process | Add cost object and percentage to Commitments Create In-progress plan Display effective period to add cost object as needed |
|---|---|
| Note: Detailed example can be found in QRC CDEM – Add a New Cost Object | Add effective period to add cost object as needed Process AVC Check Initiate Workflow to update IT27 |
| Salary Cap general process Note: Detailed examples can be found in QRC CDEM – Salary Cap | Calculate salary cap percentage allowable as direct charge to the grant and percentage to be charged to cost share Display commitment to edit percentages as needed Create In-progress plan Display effective period to add cost object as needed Display effective period to edit cost object as needed Add effective period to add cost object as needed Process AVC Check Initiate Workflow to update IT27 |
| | New department enters an assignment change PA40 Request for Personnel Action CDEM creates a "Future assignment change" alert when the IT0001 (assignment) change is detected Prior department needs to review individual's distribution for accuracy If distribution needs to change, prior department needs to create Inprogress plan, make necessary changes and initiate In-progress plan to update IT27. If In-progress plan is not approved before the individual's last day of the assignment, CDEM will delete the In-progess plan. On the first day of new assignment, CDEM delimits the individual's previous control record effective date to their end date If there are distribution effective periods that go beyond the prior control record's end date, CDEM creates an In-progress plan (CDEM will overwrit any exisiting In-progress plan) CDEM edits In-progress plan to delimit effective periods beyond the individual's end date CDEM initiates and approves In-progress plan to update IT27 New department creates a control record in CDEM if IT27s will be used for the cost distribution New department adds Commitments for the individual New department creates In-progress plan to reflect individual's new cost distribution plan New department initiates In-progress plan to update IT27 |

Note: Detailed steps can be found in QRC CDEM – Position Change

- Department enters an assignment change PA40 Request for Personnel Action
- Department adds Commitments for the individual based on how the individual will dedicate time to in the new position
- Department creates In-progress plan to reflect individual's new cost distribution plan by removing cost objects they are no longer devoting time to and adding cost objects they will begin to dedicate time to
- Department submits In-progress plan to update IT27

Note: Control Records for retired personnel are delimited 1 to 2 pay periods pass their end date so fringe and taxes can be charged

No Cost Extension general process

Note: Detailed steps can be found in QRC CDEM – No Cost Extension

- Additional salary can be charged to the sponsor as the same percentages
 - Display Commitment effective period to review end date. If end date is not defult 12/31/9999, edit effective period end date
 - o Create In-progress plan
 - o Display effective periods to add cost object as needed
 - Add effective periods to add cost object as needed
 - o Perform AVC Check
 - Initiate workflow
- Additional salary can be charged to the sponsor at a different percentage
 - Display Commitment to add effective period with the new percentage
 - Create In-progres plan
 - o Display effective periods to add cost object as needed
 - Add effective periods to add cost object as needed
 - o Perform AVC Check
 - Initiate workflow
- No additional salary can be charged to the sponsor but will be charged to cost share
 - o Display Commitment to add effective period with new percentage
 - o Create In-progres plan
 - Display effective periods to add cost object as needed
 - Add effective periods to add cost object as needed
 - Perform AVC Check
 - o Initiate workflow

Create, Initiate and Approve Inprogress plan

Note: Detailed steps can be found in QRC CDEM – Create, Initiate and Approve In-progress plan

- Create New Plan to begin an In-progress plan
- Consolidate Plan to condense effective periods with like cost distributions and percentages (optional)
- Add effective period to add new effective period (as needed)
- Edit effective period to change effective period dates (as needed)
- Display effective period to update/edit cost objects and/or percentages (as needed)
- Copy effective period to create a copy for a new effective period that may be similar that will be edited to change cost objects and/or percentages (as needed)
- Delete effective period to remove effective period (as needed)
- Review validations for errors
- Process AVC Check
- Inititate Workflow
- Approve Workflow to update IT27

