

ACT24 Latest Updates

March 10, 2022 Implementation

ACT24 Researcher Site – Selecting primary activities when overlapping activities are reported

NCI has implemented quality-control (QC) procedures within the ACT24 system’s scoring algorithm for recalls with overlapping activities. The QC process now automatically selects a primary activity when overlaps are reported. The new Detailed Report (Quality-Controlled Data) and the new Summary Report (Quality-Controlled Data) reflect this adjustment. The Original Detailed Report (Raw Data) without quality control adjustment remains available with all activities entered in the recall, including overlapping activities.

The new QC process selects primary activities and removes overlapping activities when they are reported based on the below criteria, in order:

1. Select activity with Highest Activity Classification (Active, Sedentary, Sleeping behaviors).
2. Within the same Activity Classification, select activity with the highest MET value.
3. Within the same Activity Classification and with the same MET value, select activity with Longest Duration.
4. If overlapping activities have the same Activity Classification, MET value and Activity Duration, select the activity entered first by the participant.

The new QC reports, as well as an updated Scoring SAS Code can be found in the Analytic Data page on the ACT24 Researcher site.

Title	Type	Action
Summary Report (Quality-Controlled Data)	Data	Download CSV File
Detailed Report (Quality-Controlled Data)	Data	Download CSV File
Detailed Report (Raw Data)	Data	Download CSV File
Summary Report Data Dictionary	Reference Material	Download Excel File
Detailed Report Data Dictionary	Reference Material	Download Excel File
Scoring Algorithm	Reference Material	Download PDF
List of Activities and MET Values	Reference Material	Download Excel File

Note: The new Summary Report (Quality-Controlled Data) includes now 3 new columns:

Field Name	Description	Data Type	Comment	Example
QC Adjusted Recall	Whether Overlap Resolution (QC) was applied to this recall, indicating that the recall had overlapping activities	Text	Possible Values: Y, N.	Y
QC Duration Adjustment (Hours)	Total overlapping time in hours in the recall. If no overlapping time, blank	Decimal	#.#### (exactly 4 decimal places)	0.0167
QC Adjusted Activities (removed)	The number of activities that had to be deleted as part of Overlap Resolution (QC). If no deletions took place as part of Overlap Resolution, blank	Integer		1

June 3, 2021 Implementation

- ACT24 Researcher and Participant Sites are moving to the Cloud.

NCI has moved both the Researcher and Participant sites to the Cloud and updated the URLs from nci.nih.gov to cancer.gov.

An automated redirect will be implemented to direct users accessing the nci.nih.gov URL to the new cancer.gov URL for 6 months.

- **Researcher Site:**
 - A Time Out Redirect Page will be implemented. Researchers accessing the nci.nih.gov site will be redirected to a temporary page with the below message, then after 10 seconds, they will be redirected to the cancer.gov login page.



We have Moved

Effective 05/15/2021

The ACT24 Researcher system has been updated and is now available under a new URL:

<https://act24.cancer.gov/act24/researcher/login>

Please update your bookmarks.

You will be redirected automatically in 10 seconds.



- The system will generate cancer.gov URL when a Researcher adds New participants to existing studies with direct URL.
 - The system will generate cancer.gov URL when a Researcher creates participants on new created studies with direct URL.
- **Participant Site:**
 - Participants on existing studies with direct URL: A Time Out Redirect Page will be implemented. Participants accessing the nci.nih.gov site will be redirected to a temporary page with the below message, then after 10 seconds, they will be redirected to the cancer.gov recall page.
 - Participants on existing studies with login username/password: A Time Out Redirect Page will be implemented. Participants accessing the nci.nih.gov site will be redirected to a temporary page with the below message, then after 10 seconds, they will be redirected to the cancer.gov login page.

We have Moved

Effective 05/15/2021

The ACT24 Participant system has been updated and is now available under a new URL:

<https://act24.cancer.gov/act24/participant/id/>

Please update your bookmarks.

You will be redirected automatically in 10 seconds.



Note: We recommend creating new studies to generate new participant data or update participant on existing study with New id after the transition to the new cancer.gov URL.

- Participants on new studies with direct URL will be logged in the cancer.gov site directly.
 - Participants on new studies with username/password will be accessing the cancer.gov site login page directly.
- **Web Service Interface:**
 - Researchers currently using the API interface to ACT24 Researcher will be provided updated documentation for the change of URL
 - In the meantime, the web service will be automatically redirected to the cancer.gov URL.

February 12, 2021 Implementation

- ACT24 Researcher Site – Provide ability to Researcher to categorize new studies created

NCI has implemented a way to categorize studies by allowing the Researcher to identify the reason for the creation of a new study. This data will help NCI track the number of study categories using the ACT24 application.



MY STUDIES

STUDY STAFF

PARTICIPANT ACCOUNTS

TRACK RECALLS

ANALYTIC DATA

MY ACCOUNT

+ INSTRUCTIONS

Create New Study

***Is this Study creation for:**

(This data will help us track the number of studies using ACT24)

- Actual Field Study
- Exploration of ACT24 Capabilities (Note: for actual field study, please create a new study)
- Education/Training (Note: for actual field study, please create a new study)

***Study Name:**

Enter Study Name

Note: That the study categorization will not be editable after the study creation. You will need to create a New study to change the reason for the creation of the study.

Edit Study Details

Study created for:

Education/Training (Note: For actual field study, please create a new study)

Study name:

Training Study

September 14, 2020 Implementation

- ACT24 Researcher Site - ACT24_Activities_METs_BehaviorClasses document is now available

NCI has made available the ACT24 description of the Scoring Algorithm for Activities, METS and Behavior Classes document in the Analytic Data section of the ACT24 Researcher site.

Please select a study below and click Search to download the Summary and Detailed reports:

*Select a study:

NOTE: The CSV Report download can take a few minutes depending on the amount of data. Please do not close your browser.

Title	Type	Action
Summary Report Data Dictionary	Reference Material	<input type="button" value="Download Excel File"/>
Detailed Report Data Dictionary	Reference Material	<input type="button" value="Download Excel File"/> <input type="button" value="Download QC SAS Code"/> This Quality Control scoring code should be run first - it prepares the DetailedReport data for generation of additional summary variables using the ACT24_SCORED.sas code. <input type="button" value="Download Scoring SAS Code"/> This code should be run second - it recalculates duration values after fixing overlaps and generates summaries of time-use and energy expenditure variables for analysis.
Scoring Algorithm	Reference Material	<input type="button" value="Download PDF"/>
List of Activities and MET Values	Reference Material	<input type="button" value="Download Excel File"/>

July 28, 2020 Implementation

- ACT24 Researcher Site - Provide ability to alert Researchers of updates to the system

NCI has implemented an email notification linking to a 'latest Updates' document for all Researchers and Study Staff when a new feature or an urgent fix is deployed in the ACT24 Researcher and/or Participant sites. This document is also available at all time in the header of the ACT24 Researcher site.

June 29, 2020 Implementation

- ACT24 Researcher Site - New SAS Code reports are now available

NCI has implemented Quality Control and Scoring SAS Code reference materials for the Detailed Report available now in the Analytic Data section of the ACT24 Researcher site.

[+ INSTRUCTIONS](#)

Please select a study below and click Search to download the Summary and Detailed reports:

*Select a study:

NOTE: The CSV Report download can take a few minutes depending on the amount of data. Please do not close your browser.

Title	Type	Action
Summary Report Data Dictionary	Reference Material	Download Excel File
Detailed Report Data Dictionary	Reference Material	Download Excel File Download QC SAS Code <small>This Quality Control scoring code should be run first - it prepares the DetailedReport data for generation of additional summary variables using the ACT24_SCORED.sas code.</small> Download Scoring SAS Code <small>This code should be run second - it recalculates duration values after fixing overlaps and generates summaries of time-use and energy expenditure variables for analysis.</small>

- ACT24 Researcher Site - Detailed report update to RecallNum column sequencing

NCI has implemented a correction to the RecallNum column sequencing to display a row for recalls with no saved activities and adjusted the RecallNum column sequencing accordingly.

DetailedReport_PRFTS1_2020-07-27_12-34-39_EDT

	A	B	C	D	E	F	G	H	I	J	K	L	M
	StudyAbbrev	UserName	RecallRecID	RecallNum	RecallDate	ReportingDa	Category	Activity	ActivityNum	ActivitySeqn	ActivityStart	ActivityEndTi	Duration
1	PRFTS1	PRFTS11	390	1	10/21/19	10/22/19	GAP	GAP		999	5/9/18 0:00	5/9/18 0:30	
2	PRFTS1	PRFTS11	390	1	10/21/19	10/22/19	GAP	GAP		999	5/9/18 0:00	5/9/18 0:30	
3	PRFTS1	PRFTS11	390	1	10/21/19	10/22/19	GAP	GAP		999	5/9/18 0:00	5/9/18 0:30	
4	PRFTS1	PRFTS11	390	1	10/21/19	10/22/19	GAP	GAP		999	5/9/18 0:00	5/9/18 0:30	
5	PRFTS1	PRFTS11	390	1	10/21/19	10/22/19	GAP	GAP		999	5/9/18 0:00	5/9/18 0:30	
6	PRFTS1	PRFTS11	4393	2	7/26/20	7/27/20							
7	PRFTS1	PRFTS110	399	1	10/21/19	10/22/19	GAP	GAP		999	5/9/18 0:00	5/9/18 0:30	

SummaryReport_PRFTS1_2020-07-27_12-28-47_EDT

	A	B	C	D	E	F	G	H	I	J	K	L	M
	StudyAbbrev	UserName	RecallRecID	RecallNum	RecallExitSta	RecallCompl	RecallCompl	RecallDate	ReportingDa	TotalTimeRe	TotalActivit	TotalGapsTir	TotalCannot
	PRFTS1	PRFTS11	390	1	Submitted	Complete	0.8333	10/21/19	10/22/19	2			
	PRFTS1	PRFTS11	4393	2	Active			7/26/20	7/27/20				
	PRFTS1	PRFTS110	399	1	Submitted	Complete	0.8333	10/21/19	10/22/19	2			
	PRFTS1	PRFTS1100	489	1	Submitted	Complete	0.8333	10/21/19	10/22/19	2			

April 21, 2020 implementation

- ACT24 Researcher Site - Implement solution to download Analytic Reports without running out of memory, including API

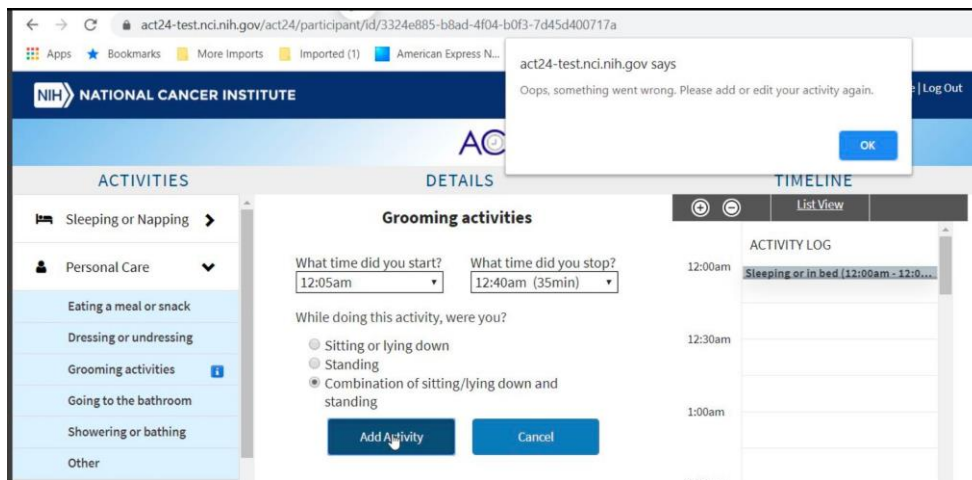
NCI has implemented a solution to improve the timing of reports generation from the ACT24 Researcher site or through the WebService.

- ACT24 Researcher - Summary report - Log Midnight GAP when Recall is NOT Active to be consistent with Detailed Report

NCI has implemented a change to display the GAP before Midnight into the Summary report. Previously that GAP was only displayed in the Detailed report and disregarded in the Summary report.

- ACT24 Participant Site – “Percent” answer when "Combination" Posture radio button is selected, is sometime not displayed to the Participant.

NCI has implemented a new warning message alerting the participant to retry to add or edit the activity.



- ACT24 Participant Site - Add New questions to 'Other' Exercise, sports, active recreation

NCI has added the new questions displayed in the screenshot below.

- ACT24 Participant - Add New questions to 'Browse for new activities' Exercise, sports, active recreation

NCI has added the new questions displayed in the screenshot below.

- ACT24 Participant - Add New question to 'Other' Transportation, Commuting or travel

NCI has added the new questions displayed in the screenshot below.

the level of effort similar to

- Reading or eating
- Brushing teeth or washing dishes
- Walking briskly or vacuuming rug
- Jogging, running or chopping wood

What was the main purpose of the trip? (Check ALL that apply)

- Commuting to work
- Commuting to school
- Drop off/Pick up someone
- To go home
- Shopping, errands, appointments
- Visiting friends or family
- Eating or socializing
- To get to/from car, bike, or public transportation
- Other

Add Activity Cancel

January 17, 2020 implementation

- ACT24 Researcher Site - Study Name and Study Description after a Study is created to be editable.

NCI has made the Study Name and Study Description editable (fields were previously greyed out) when the Study is being edited.

NIH NATIONAL CANCER INSTITUTE

ACT24

MY STUDIES STUDY STAFF PARTICIPANTS

+ INSTRUCTIONS

Show 10 entries

Study Abbreviation	Study Name
10S399	ACT24-399 #10
11S399	ACT24-399 #11

Edit Study Details

Study name: ACT24-399 #10

Study Description: RE: ACT24-399 (Upload Performance) Deployed to TEST

Study Abbreviation: 10S399

*Number of Expected Participants: 10

*Number of Expected Recalls per Participant: 100000

*Study Start Date: 02/29/2020

*Study End Date: 03/29/2020

Participant Access

Username/Password

Create New Study

Export

Search:

Actions

- ACT24 Researcher Site - The Detailed Report ActivityEndTime update

NCI has edited The Detailed Report to reflect the ActivityEndTime as '23:59' instead of '0:00' to report a correct 24 hours' time recall reporting.

	A	B	C	D	E	F	G	H	I	J	K	L	M
1	StudyAbbr	UserName	RecallRecl	RecallNum	RecallDate	ReportingDate	Category	Activity	ActivityNu	ActivitySec	ActivityStartTime	ActivityEndTime	Duration
2	10S399	10S399100	4605	1	3/3/2020	4/20/2020	Sleeping o	Sleeping o	1001	1	3/3/2020 0:00	3/3/2020 12:00	12
3	10S399	10S399100	4605	1	3/3/2020	4/20/2020	Housewor	Food prep	3001	2	3/3/2020 12:00	3/3/2020 18:00	6
4	10S399	10S399100	4605	1	3/3/2020	4/20/2020	Television	Watching	5001	3	3/3/2020 18:00	3/3/2020 23:59	6