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Single-Project (Exchange Services) Validations for Grants.gov Forms - Version 6.13

September 3, 2015

Document History

Revision History

Version Number	Revision Date	Author	Summary of Changes
5.4	02/19/2013	ERA Analyst (CF)	July 2013 Exchange Services release: CQERA00111971: Updated field labels and validations for the new PHS398 OMB Approved forms including PHS398 Research Plan, PHS398 Cover Page Supplement, PHS398 Career Development Award Supp, PHS Fellowship CQERA00110334: Added email formatting validations to PD/PI and AOR email fields on SF424 Cover. Added validations for SBA registration PDF file for SBIR/STTR applications on the Other Project Information form.
	04/05/2013	ERA Analyst (CF)	July 2013 Exchange Services release: CQERA00113231: SBIR/STTR: Other Attachments validation on the existence of SBA Registration
	04/10/2013	ERA Analyst (CF)	July 2013 Exchange Services release: Added the Planned/Enrollment Report(CQERA00113118 and CQERA00114693) or the Cumulative Inclusion Enrollment Report (CQERA00113117) forms data collection and validation Updated attachment size global validation from a Warning to an error (CQ114976)
	04/24/2013	ERA Analyst (CF)	July 2013 Exchange Services release: Remove validations 8.25.6 (CQERA00114133) and 8.26.2 (CQERA00114134) on RR Cumulative Budget Remove validations 13.1.5 (CQERA00114135) and 13.4.2 (CQERA00114136) on Modular Budget
	05/08/2013	ERA Analyst (CF)	July 2013 Exchange Services release: Clarified and split into 2 rules current validation 1.7.8 on Federal Id. (CQERA00112226)
	05/16/2013	ERA Analyst (CF)	July 2013 Exchange Services release: Updated error message text for validations 1.7.8a and 1.7.8b (CQERA00112226)
5.5	06/14/2013	ERA Analyst (CF)	BASELINED document Cleaned Revision History (removed 2010)
6.0	06/19/2013	ERA Analyst (ML)	October 2013 Exchange Services release: Update document for the following CQs CQERA00116731 CQERA00117145 CQERA00113215 CQERA00113875 CQERA00113876 CQERA00116267 And part of CQERA00116190

Version Number	Revision Date	Author	Summary of Changes
6.0	06/19/2013	ERA Analyst (CF)	October 2013 Exchange Services release: Exchange Services 1.46 Maintenance Oct 2013 Addition of R24 and U24 to page limit validation Do not allow cover letter for Type 3 (Admin Supp), 6 and 7 Exchange Services 1.46 SBIR/STTR Reauthorization Oct 2013 Direct Phase II applications to be excluded from multiple federal identifier validations Do not allow Renewal for Direct Phase II applications Add Direct Phase II applications to Commercialization Plan validations Add U43, U44, UT1 and UT2 to page limit validation Removed multiple SBIR validations for the RR Budget Justification Exchange Services 1.46 Inclusion Re-engineer Oct 2013 Provide warning if Planned Enrollment Report is submitted with all zeros Exchange Services 1.46 Agency Integration (VA) Updated page limit for I01 from 24 to 14 pages
6.1	7/23/2013	ERA Analyst (CF)	August 2013 OOC CQERA00118810 – SF424- Federal Identifier – Exclude R24 from current validation 1.7.6
6.2	10/22/2013	ERA Analyst (CF)	January 2014 ER Exchange Services 1.47 Maintenance Jan 2014 Implement RM1 and UM1 validations Exchange Services 1.47 SBIR/STTR Reauthorization Jan 2014 Implement Warning for VCOC attachment for STTR, warning for disclosure permission statement if different on SBIR form and Cover Page sup, exclude SBIR/STTR form current rule 1.7.6 and created a new rule for Federal Identifier rule for SBIR/STTR
	10/29/2013	ERA Analyst (CF)	October 2013 Release CQ112583 – Remove DP1 Validation 4.2.10
	12/04/2013	ERA Analyst (CF)	January 2014 ER Updated rules 1.7.5 and 1.7.6 and added 1.7.5.1 and 1.7.6.1 to reflect current implementation
	12/27/2013	ERA Analyst (CF)	January 2014 ER Updated rule 5.47.1 error message text
	01/15/2014	ERA Analyst (CF)	Document Baseline
6.2.1	2/20/2014	ERA Analyst (CF)	January 2014 Enterprise Release (ER) Removed 1.30.1 validation that truncated Project Title at 81 characters. Documented that RM1 and UM1 are excluded from 15.2.9.
6.3	01/16/2014	ERA Analyst (CF)	April 2014 ER **CQERA00123363** – Snr/Key Person – Credential – Require valid commons user id for sponsors on Fellowship applications (2 new rules) **CQERA00123365** – Snr/Key Person – Credential – Validate (warning) sponsor user id has a sponsor role associated (1 new rule)

Version Number	Revision Date	Author	Summary of Changes
	02/24/2014	ERA Analyst (CF)	April 2014 ER Update CQERA00123363 and CQERA00123365: - Snr/Key Person – Credential 3 new rules apply to Type 7 applications as well.
	02/28/2014	ERA Analyst (CF)	April 2014 ER Update CQERA00123363 and CQERA00123365: - Snr/Key Person – Due to design constraints, created 3 new rules for Type 7 Fellowship applications separate from rule for Competing Fellowship applications
	03/26/2014	ERA Analyst (CF)	Document Baseline
6.3.1	04/21/2014	ERA Analyst (CF)	April 21, 2014 FT modified existing rules 1.7.11 and 1.7.13 error message texts
6.3.2	05/01/2014	ERA Analyst (CF)	June 2014 OOC Implement the 10 Year R&R Budget and R&R Subaward Budget Attachment(s) Form 10YR 30ATT with only Minimum Validations
6.3.3	05/07/2014	ERA Analyst (CF)	June 2014 OOC Update Biosketch page limit validation 4.4.1and 4.24.1 and creation of a new rules (4.4.4, 4.24.3) (CQERA00130972)
	05/07/2014	ERA Analyst (CF)	June 2014 OOC Update Biosketch page limit validation message text 4.4.1and 4.24.1 4.4.4, 4.24.3 (CQERA00130972)
6.4	04/08/2014	ERA Analyst (CF)	July 2014 ER Modify existing validations (1.8.1, 1.8.2, 1.8.3) to validate against organizations with multiple DUNS
	04/17/2014	ERA Analyst (CF)	July 2014 ER Fellowship form – New validation created to validate format of the Degree Expected Completion Date field
	05/27/2014	ERA Analyst (CF)	July 2014 ER SF424 RR Cover – Project Title – Downgrade existing validation 1.30.2 to a Warning
	6/23/2014	ERA Analyst (CF)	July 2014 ER Update to validations 1.8.1, 1.8.2, 1.8.3 to remove check against multiple DUNs but only against the Primary
	6/26/2014	ERA Analyst (CF)	July 2014 ER Update to rules 4.2.4 (Snr/Key Person) and 3.5.1 (Other Project Info) to match on the Org Primary DUNs
6.5	06/19/2014	ERA Analyst (CF)	SF424 RR Cover – Removed prior submission logic from validations 1.1.3 and 1.1.6
6.6	07/23/2014	ERA Analyst (CF)	August 2014 OOC CQERA00133151 Removed rule 0.1.3 (editable PDF) as it never fired and contradict rule 0.1.5
6.7	08/08/2014	ERA Analyst (CF)	October 2014 ER CQERA00131683 Removed prior submission logic for rules 1.1.3 and 1.1.6 Update query to retrieve duplicate applications to exclude Rejected and Withdrawn prior applications
	08/21/2014	ERA Analyst (CF)	October 2014 ER CQERA00133120 New VA Validation – Other Project Info – New rule – Bibliography and References Cited cannot be more than 4 pages (rule 3.15.3)

Version Number	Revision Date	Author	Summary of Changes
	08/27/2014	ERA Analyst (CF)	October 2014 ER CQERA00136672 Other Project Info – Other attachment – For F30, F31 and F32 applications provide a Warning if a file named like '%Additional%Educational%Information%.pdf' is not attached.
	09/30/2014	ERA Analyst (CF)	October 2014 ER CQERA00136672 Remove F32 from the validation
6.8	09/12/2014	ERA Analyst (SV)	January ER CQERA00136315 Research Plan: Validate Research Strategy at 30 pages for UH4. (New rule: 15.20.13) CQERA134386 Error to require a PD/PI project role to be provided for at least one snr/key person on snr/key person form (New rule: 4.3.1) CQERA00133515 : Implement a validation error to prevent SBIR/STTR Renewal/Re-submission after Phase IIB (New rule: 10.19) CQERA00133574 : Provide error if SBIR/STTR Phase II Renewal is submitted and Prior Grant is marked as Phase IIB (New rule: 10.20)
	09/23/2014	ERA Analyst (CF)	January ER Removed to previous requirement (remove 10.19 and 10.20) and instead created 1.7.22 CQERA00133515 : Implement a validation error to prevent SBIR/STTR Renewal/Re-submission after Phase IIB
	10/07/2014	ERA Analyst (CF)	Updated formatting Added comments column to be used for external communication
	11/13/2014	ERA Analyst (CF)	January ER Added rule 18.33.2 on Fellowship form for CQERA00135785
	11/18/2014	ERA Analyst (CF)	January ER Updated error message text for rule 4.3.1 on snr/key person profile form Updated error messages text for rules 4.4.4 and 4.24.3 on snr/key person profile form Removed validations 4.4.1 and 4.24.1 on snr/key person profile form
	11/20/2014	ERA Analyst (CF)	January ER Updated rule 4.3.1 to be minimum validation on snr/key person profile form.
	12/08/2014	ERA Analyst (CF)	January ER Updated error message text for TT Budget rule 5.0.4 (CQERA00142113) Removed all R03 and R21 validations as they have now moved to the New validations service (SVS)
	12/12/2014	ERA Analyst (CF)	Clean Up – removed PHS398 Checklist and PHS Cover Letter forms.
	01/05/2015	ERA Analyst (CF)	BASELINE
6.9	01/07/2015	ERA Analyst (CF)	April 2015 Sprint 1 Removed all R01 validations as they have now moved to the New validations service (SVS)

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6.10	01/20/2015	ERA Analyst (CF)	UTF8 Feb 2015 ER Remove special characters validation (CQERA00132502)
6.11	01/23/2015	ERA Analyst (CF)	April 2015 Sprint 1 Removed all U01 validations as they have now moved to the New validations service (SVS)
	03/05/2015	ERA Analyst (CF)	April 2015 Sprint 5 Updated Animal Insurance validation 3.9.3 to check against multiple animal assurance numbers
	04/07/2015	ERA Analyst (CF)	April 2015 Updated Animal Insurance validation 3.9.3 error message text
	06/11/2015	ERA Analyst (CF)	April 2015 Removed all Career development (K02, K05, K24, K26, K01, K07, K08, K18, K22, K23, K25, K99, K99/R00) validations as they have now moved to the New validations service (SVS)
6.12	06/12/2015	ERA Analyst (CF)	July 2015 Removed DP2 Biosketch page limit rule Removed all Training program validations (T15, T32, T34, T35, T36, K12, T37, KM1, D71, D43, U2R, T01, T02, T03, T14, T42, T90, T90/R90, TU2, DP7), as they have now moved to the New validations service (SVS). Removed all Other Research programs validations (R18, U18, R25, R33, R21/R33, UH1, R34, U34, R36, R13, U13, UH2, UH3, RF1, UF1, RM1, UM1, R61/R33, UG3/UH3) as they have now moved to the New validations service (SVS). Removed Research Program validations (R24, U24) as they have now moved to the New validations service (SVS). Removed all Area program validations (R15, UA5) as they have now moved to the New validations service (SVS). Removed all Veterans Agency (VA – I01, IP1, IU1, IS1, I21, I34, I50, IK1, IK2, IK3, IK4, IK5, IK6) validations as they have now moved to the New validations service (SVS).
	06/13/2015	ERA Analyst (CF)	July 2015 Removed UH4 page limit validation Removed all SBIR/STTR program validations (R41, R42, UT1, UT2, R43, R44, U43, U44) as they have now moved to the New validations service (SVS).
	06/29/2015	ERA Analyst (CF)	BASELINE
6.13	09/03/2015	ERA ANALYST(SV)	October 2015 Removed all Fellowship validations (F05, F30, F31, F32,F33, F37, F38, FI2) as they have now moved to the New Validation Service (SVS)

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Special Processing Considerations

Truncated Items:
Where items are truncated, grant image should display value as submitted through grants.gov, unless otherwise indicated. (Minimum Validations)

Trimming Spaces:
For all validations where a comparison is being made on text entry (or dropdown) fields against the eRA database, trim spaces at the end before making the comparison. (Minimum Validations)

CQERA00132502
CQ 71517
Rule 0.1.6 - DUNS numbers:
Validation to apply to all forms containing a DUNS number present in the package downloaded. If DUNS provided on any forms has any invalid characters (meaning other than 9 or 13 digits) after stripping of dashes, provide error: 'The DUNs number for <insert form name > contains invalid characters (DUNS should be 9 or 13 digits; no letters or special characters).' (Minimum Validations)

Validations at Schema Level

The implementation of some validation requirements may be done at the schema level rather than at the application validation level. The validation requirement does not change; however, in some cases, the error message may be different. The error messages in this table apply only in those cases where the validation is done at the application validation level. (Minimum Validations)

Attachment Validations

A validation needs to be done on all attachments (including appendices) to make sure they are in .pdf format.

Rule 0.1.2
If an attachment is not in .pdf format, the following error should be returned: "The <attachment> attachment is not in PDF format, or the filename is invalid. All attachments must be provided to the agency in PDF format, filenames must be included with no special characters (including brackets), and a .pdf extension must be used. Filenames will be accepted if they include spaces, hyphens, or underlines." (Minimum Validations)

Rule 0.1.1
If an attachment is empty (0 bytes), the following error should be returned: "The <attachment> attachment was empty. PDF attachments cannot be empty attachments. Please submit a changed/corrected application with the correct PDF attachment." (Minimum Validations)

Rule 0.1.5
If editable PDFs are included, the Exchange software should 'flatten' the PDF so that it can be processed. If Exchange Services detects that the flattening process did not work, the following error should be returned: "The <attachment> attachment contained formatting or features not currently supported by NIH. Help with PDF attachments can be found at http://grants.nih.gov/grants/ElectronicReceipt/pdf_guidelines.htm . (Minimum Validations)

Removed rule 0.1.3 (editable PDF) as it never fired and contradict rule 0.1.5 (CQERA00133151)
Rule 0.1.4:
If a PDF with password protection has been included, the following error should be returned: "The <attachment> attachment has password protection. PDF attachments must not include password protection. Help with PDF attachments can be found at http://grants.nih.gov/grants/ElectronicReceipt/pdf_guidelines.htm. (Minimum Validations)

No specific rule #
If there is a processing error on an attachment (other than errors listed here), the following error should be returned: "There was a processing error on page <page number> of the <attachment> attachment. This prevented successful processing of the application. Please contact the eRA Help Desk for assistance." (Minimum Validations)

Rule 0.1.7 (CQ 114976)
For attachments, the software should detect the page width and height. If the page size is greater than 8.5 x 11 inches (horizontally or vertically), provide error. (Minimum Validations)
Error message: Filename <file> cannot be larger than U.S. standard Letter paper size of 8.5 x 11 inches. Please see our PDF guidelines at http://grants.nih.gov/grants/ElectronicReceipt/pdf_guidelines.htm for additional information.

Rule 0.1.8 (CQERA00121753)

In situations, where attachment file name is missing in submission XML, or file name is present, but corresponding attachment is not supplied for the image generation API, or file is supplied but failed to be opened, generate the following error:
'The <attachment> attachment is not valid (i.e. the filename or attachment is missing or the attachment failed to open.'

Limited Validations and Opting Out

For some mechanisms, there are a set of limited validations that will apply to all PAs and PASs, and to any PARs and RFAs that don't 'opt out'. Limited validations have been indicated where applicable below by 'LV'.
The 'opt out' indicator will need to be added for each announcement stored in the database, defaulting to 'opt in'. For now, data will be updated manually to set the indicator for specific records to 'opt out'; eventually, this will become part of the Receipt and Referral RFA/PA Maintenance screen.
If an announcement is 'opt out', *none* of the limited validations for the corresponding mechanism will be performed for applications submitted in response to that announcement. However, PARs and RFAs that opt out of the limited validations will get a generic warning message if they exceed the threshold for the corresponding validation. In each case, the specific generic message is included in the table below.
PARs and RFAs that opt out of the limited validations are still subject to the validations that have not been identified as limited validations.

Identifying a Combined Mechanism

A Combined Mechanism identifier needs to be added to the information for each announcement stored in the database. This will be used to identify any allowable pairs of mechanisms for an announcement. The identifier can be used in conjunction with the activity code to indicate which combined mechanism is being represented. For now, the only allowable pair that will be identified with the identifier is R21/R33; an activity code of R21 plus this indicator will indicate a combined R21/R33.

Identifying Small Business Type

An indicator for whether an announcement is an SBIR or an STTR needs to be added to the information for each small business announcement stored in the database.

Minimum Validations For Specific Mechanisms

Other Agency mechanisms that have not transitioned for NIH will be subject to a set of minimum validations, identified as 'Minimum Validations' in the validations listed below and in the processing sections above. This set of minimum validations may also apply to NIH mechanisms for which applications are being submitted through Grants.Gov but that have not gone through a full transition. The affected mechanisms are to be found in a property file.

Identifying Types of Career Awards

Career Awards (Ks) fall into three main groups: mentored, independent, and training. An indicator needs to be added to the information stored for each activity code to identify which type of Career Award is represented by the activity.

Independent Career Development: K02, K05, K24, K26

Mentored Career Development: K01, K07, K08, K18, K22, K23, K25, K99

Form Version

Form version numbering has been added to identify elements or validations introduced, updated, or removed depending on the version of the form.

Application Template

Application Template has been added to identify elements or validations introduced, updated, or removed depending on the version of the template.

SF424 (R&R)

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	Comments
SF 424 (R&R)	Type of Submission (Pre-App, Changed App)	1.1.1		Y	N	E	For non-X02 submissions, do not accept 'Pre-application' as submission type (Minimum Validations)	Pre-application' (SF 424 RR cover page, Type of Submission) is not a recognized submission type for these applications	
SF 424 (R&R)	Type of Submission (Pre-App, Changed App)	1.1.3		Y	N	E	Do not accept 'Application' submission type if there is an associated prior successful submission. Exclude Revision Type of Application. (Minimum Validations)	This application is a duplicate of a previous submission for the same council round. If this submission is in response to error(s)/warning(s), submit again using the 'Changed/Corrected Application' Type of Submission on the SF 424 RR cover page. If submitting to NIH, follow the NIH duplicate submission policy: NOT-OD-09-100**.**	
SF 424 (R&R)	Type of Submission (Pre-App, Changed App)	1.1.5		Y	N	E	Do not accept changed/corrected application if the original application has been verified. (Minimum Validations)	Your application has already been submitted for processing by NIH staff. Please contact the Scientific Review Officer (SRO) for permission to submit corrections or supplemental material. Contact information for the SRO may be found on the Commons Status page. Note that some opportunities prohibit post-submission supplemental material.	
SF 424 (R&R)	Type of Submission (Pre-App, Changed App)	1.1.6		Y	N	E	Do not accept changed/corrected application if there is an associated prior successful submission and the opportunity ID is not the same as that of the other application. (Minimum Validations)	This application is a duplicate of a previous submission for the same council round, but in response to a different announcement.	
SF 424 (R&R)	Date Submitted	1.2							
SF	Applicant	1.3							

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	Comments
424 (R&R)	Identifier								
SF 424 (R&R)	Date Received	1.4							
SF 424 (R&R)	State Applications Identifier	1.5							
SF 424 (R&R)	Date Received by Grants.gov	1.6							
SF 424 (R&R)	Federal Identifier	1.7.1a		Y	N	E	If a resubmission or renewal, this Federal Identifier is mandatory (Minimum Validations)	For resubmissions and renewals the Federal Identifier must be included. Please include only the IC and serial number of the prior grant number in the Federal Identifier field on the SF 424 RR Cover page (e.g., use CA987654 extracted from full Grant number 1R01CA987654-A1).	The prior grant for a resubmission is only within the same support year as the most recent prior application. Any prior grants with earlier support years are not considered part of the validations.
SF 424 (R&R)	Federal Identifier	1.7.1b		Y	N	E	If a revision, theFederal Identifier is mandatory (Minimum Validations)	For revisions, the Federal Identifier must be included. Please include the IC and serial number of the parent grant number in the Federal Identifier field on the SF 424 RR Cover page (e.g., use CA987654 extracted from full Grant number 1R01CA987654-A1).	
SF 424 (R&R)	Federal Identifier	1.7.5		Y	N	E	If a resubmission, revision, or renewal, the format of the grant number must be 'parsable' The format is <application_type> <mechanism> <institute> <serial number>-<support year><suffix code) (example: 1R01GM072828-01A1) Application Type is a one digit number Mechanism is a letter followed by a two digit	Federal Identifier format (SF 424 RR Cover page) is not valid. Please include only the IC and serial number of the prior grant number (e.g., use CA987654 extracted from full Grant number 1R01CA987654-A1).	

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	Comments
							number Institute (IC) consists of two characters Serial number is a number that has been assigned sequentially within an IC (must be followed by a dash) Support year is anywhere from 1 to 99 Suffix code will start with an 'A' or an 'S' At least the IC and serial number must be included (Minimum Validations)		
SF 424 (R&R)	Federal Identifier	1.7.6		Y	N	E	If a resubmission, revision, or renewal, the prior grant number must exist in the NIH system. Matching is performed against Major Activity Code, Institute/Center and Serial Number. In cases where the major activity code of the prior is 'U', matching is performed only on IC and serial number (Minimum Validations)	The Federal Identifier that you have entered (SF424 RR Cover page) is not a grant number that has been previously assigned. If there has been a change in the assignment number because of a change in primary institute since the last competing submission, the most recent number must be used.	
SF 424 (R&R)	Federal Identifier	1.7.7		Y	N	E	If a resubmission, revision, or renewal, mandatory format is IC and serial number. (Minimum Validations)	You must include the <missing data> of the prior grant in the Federal Identifier field on the SF 424 RR Cover Page.	
SF 424 (R&R)	Federal Identifier	1.7.8.a		Y	N	W	If PIChangeIndicator not set, check if PI on this submission has same Commons Account as PI assigned to the prior grant. If not, provide warning if last name of PI on prior grant matches last name for PI on current application.	The prior grant entered as the Federal Identifier (SF 424 RR Cover page) is not associated with the eRA Commons account for this PD/PI. If this application involves a change of PD/PI, please indicate 'Change of PD/PI' on the appropriate form of the application (see Application Guide for instructions). If this is not a change of PD/PI, this application will be received by the agency, but may be returned after internal processing.	

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	Comments
SF 424 (R&R)	Federal Identifier	1.7.8.b		Y	N	E	Provide error if Commons Account doesn't match and last name of PI on prior grant doesn't match last name for PI on current application. Ignore case, spaces, and punctuation on match. K applications are exempt from this validation	The prior grant that has been entered as the Federal Identifier (SF 424 RR Cover page) is not associated with this PD/ PI. If this application involves a change of PD/PI, please indicate 'Change of PD/PI' on the appropriate form of the application (see Application Guide for instructions).	
SF 424 (R&R)	Federal Identifier	1.7.9		Y	N	E	For a resubmission, a summary statement must have been released for the prior grant, unless the prior grant has been withdrawn without a summary statement.(Minimum Validations)	A resubmission cannot be submitted until the Summary Statement for the previous application has been released by the agency.	
SF 424 (R&R)	Federal Identifier	1.7.10		Y	N	E	For a resubmission, the prior grant must not have been awarded, unless it has been identified as interim funding. (Minimum Validations)	A resubmission cannot be submitted if a prior version in the same support year has been awarded.	
SF 424 (R&R)	Federal Identifier	1.7.11		N	N	W	For an **NIH** resubmission, if the prior grant suffix code=**A1** , display a warning	NIH and AHRQ policy only allows one resubmission. This application may be returned after internal processing if you have exceeded that limit. The NIH and AHRQ resubmission policy was revised in April 2014 and you may have the option to submit a New application. See NOT-OD-14-074: NIH and AHRQ Announce Updated Policy for Application Submission	
SF 424 (R&R)	Federal Identifier	1.7.13		N	N	E	For an NIH resubmission, prior grant suffix code must not ='A2'	This application has exceeded the number of resubmissions permitted and cannot be accepted. The NIH and AHRQ resubmission policy was revised in April 2014 and you may have the option to submit a New	

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	Comments
								application. See NOT-OD-14-074: NIH and AHRQ Announce Updated Policy for Application Submission.	
SF 424 (R&R)	Federal Identifier	1.7.14		Y	N	E	For a revision, the parent grant must be awarded. (Minimum Validations)	The parent grant for a revision must be awarded.	
SF 424 (R&R)	Federal Identifier	1.7.15		N	N		Ignore entries in this field for a DP1, DP2 or DP3 application.		
SF 424 (R&R)	Federal Identifier	1.7.16		N	N	W	For resubmissions, renewals, and revisions, provide a warning if the activity code of the prior grant doesn't match the activity code of the announcement.	The mechanism (activity code) of the prior submission (referenced by the Federal Identifier on the SF 424 RR Cover page) does not match the mechanism of the Funding Opportunity Announcement (FOA), <activity code>. Please check the Federal Identifier provided for your application to ensure you are including the correct prior information and the FOA to ensure you are submitting to the correct opportunity. This application will be processed but there may be a delay in referral.	
SF 424 (R&R)	Federal Identifier	1.7.18		N	N	W	For Non NIH applications: For a resubmission, if the prior grant suffix code=A1 or A2, display a warning	Some funding agencies limit the number of Resubmission applications that may be submitted. This application may be returned after internal processing if additional Resubmissions are not within policy.	
SF 424 (R&R)	Federal Identifier	1.7.20		Y	N	W	For revision type of application, provide a warning if the application end date is greater than parent grant end date. (Minimum Validations)	Unless specifically allowed in the FOA, the entire proposed project period must be within the awarded parent grant project period	
SF 424 (R&R)	Federal Identifier	1.7.19		N	N	E	For an **NIH** Resubmission, if the prior Grant suffix code = A0 or A1 and resubmission created date is more than 40 months from prior grant created date, provide Error	NIH policy limits receipt of resubmissions to no more than 37 months after the receipt date of the prior grant. See: NOT-OD-10-140: New Time Limit for NIH Resubmission Applications	

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	Comments
SF 424 (R&R)	Agency Routing Number	1.59.1	V1_2 Adobe Forms B	N	N	E	For a DP1 and DP2 applications, provide error if the Agency Routing Identifier is blank.	The Agency Routing Identifier must be supplied on the SF424 RR cover page for this opportunity. Please check announcement for details.	
SF 424 (R&R)	Previous Grants.gov Tracking ID	1.62.1	V2_0 Forms C	N	N	E	Required if Type of Submission is a Changed/Corrected Application	The Previous Grants.gov Tracking ID is required if the application is marked as 'Changed/Corrected'.	
SF 424 (R&R)	Applicant Information, Organizational DUNS	1.8.1		Y	N	E	Must match the primary DUNS recorded for IPF in Commons. Validate the leftmost 9 characters only, discarding any characters submitted in places 10-13. For comparison purposes, treat trailing zeroes after leftmost 9 characters as blanks. (Minimum Validations)	The DUNS number you have provided in the SF 424 RR Cover page Applicant Information section does not match the number in the eRA Commons profile for your organization. The SO/AOR should make sure the correct DUNS number has been entered in the eRA Commons. Instructions on editing institutional profiles are available at https://commons.era.nih.gov/commons-help/189.htm.	
SF 424 (R&R)	Applicant Information, Organizational DUNS	1.8.2		N	N	W	For a revision, provide a warning if it doesn't represent the same organization as the parent grant by matching the DUNS provided against the primary DUNS recorded for the organization.	The parent grant may be associated with a different organization (based on the Organization DUNS provided on the SF 424 RR Cover page). Revisions should only be submitted for the same organization as the parent grant. This application will be accepted by the agency, but may be delayed in the peer review process.	
SF 424 (R&R)	Applicant Information, Organizational DUNS	1.8.3		N	N	E	Provide error if the organization is marked as 'closed' in IMPAC II database grant by matching the DUNS provided against the primary DUNS recorded for the organization. (Minimum Validations)	The DUNS number that you have provided in the SF 424 RR Cover page Applicant Information section matches an organization in the eRA Commons that is no longer recognized as an active organization. Be sure that the DUNS number on your application matches the DUNS number used in both Grants.gov and the eRA Commons.	
SF	Applicant	1.9							

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	Comments
424 (R&R)	Information, Legal Name								
SF 424 (R&R)	Applicant Information, Department	1.10							
SF 424 (R&R)	Applicant Information, Division	1.11							
SF 424 (R&R)	Applicant Information, Street 1 and 2	1.12.1		Y			If either line>50 characters, truncate. (Minimum Validations)		
SF 424 (R&R)	Applicant Information, City	1.13							
SF 424 (R&R)	Applicant Information, County/Parish	1.14							
SF 424 (R&R)	Applicant Information, State	1.15.1		Y	N	E	Required if country is US. (Minimum Validations)	The Applicant Information State on the SF 424 RR Cover page must be supplied for US addresses.	
SF 424 (R&R)	Applicant Information, State	1.15.2		Y	N	E	If country not US must be blank. (Minimum Validations)	The Applicant Information State on the SF 424 RR Cover page should be blank for all countries other than the United States.	
SF 424 (R&R)	Applicant Information, State	1.15.3		Y	N	E	Transform to 2 char. abbreviation before validating and storing. If state name can't be transformed, give error. (Minimum Validations)	The Applicant Information State on the SF 424 RR Cover page is not a valid state name.	
SF 424 (R&R)	Applicant Information, Province	1.16.1		Y	N	E	Required if country is Canada. (Minimum Validations)	The Applicant Information Province on the SF 424 RR Cover page must be supplied for Canadian addresses.	
SF 424 (R&R)	Applicant Information, Province	1.16.2		Y	N	E	If country not Canada must be blank. (Minimum Validations)	The Applicant Information Province on the SF 424 RR Cover page should be blank for all countries other than Canada.	
SF 424	Applicant Informatio	1.16.3		Y	N	E	Transform to 2 char. abbreviation before	The Applicant Information Province on the SF 424 RR	

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	Comments
(R&R)	n, Province						validating and storing. If province name can't be transformed, give error. (Minimum Validations)	Cover page is not a valid province name.	
SF 424 (R&R)	Applicant Informatio n, Zip Code	1.17.1		Y	N	E	Required if country is US. (Minimum Validations)	The Applicant Information Zip Code on the SF 424 RR Cover page was not entered.	
SF 424 (R&R)	Applicant Informatio n, Zip Code	1.17.2		Y	N	E	Must be 5 or 9 numeric digits if country is US. (Minimum Validations)	The Applicant Information Zip Code on the SF 424 RR Cover page must be entered in 5-digit or 9 digit format.	
SF 424 (R&R)	Applicant Informatio n, Zip Code	1.17.3		Y			For country other than US, if >9 characters, truncate (remove any dashes before truncating). (Minimum Validations)		
SF 424 (R&R)	Applicant Informatio n, Country	1.18.1		N	N	W	For an R13 application (activity code on funding opportunity = 'R13' or 'U13'), provide a warning if country is not US	The Applicant Organization for a Conference Grant should be located in the US. This application will be accepted by the agency, but may be delayed in the peer review process.	
SF 424 (R&R)	Applicant Informatio n, Country	1.18.3		N	N	E	For an SC1, SC2, SC3, S10, S11, S21, S22, DP2, C06, UC6, G08, G20, or K application, return an error if country is not US	The Applicant Organization for this application must be located in the US.	
SF 424 (R&R)	Applicant Informatio n, Country	1.18.6		N	N	E	Must be a valid ISO 3166-1 alpha-3 country code.	The Applicant Information country code provided (<Country>) on the SF 424 RR Cover page is not a valid ISO 3166-1 alpha-3 country code.	
SF 424 (R&R)	Person to be Contacted , Prefix	1.19.1		Y	N		If the combination of all items within the name section is more than 30 characters, truncate. Display in grant image as submitted. (Minimum Validations)		
SF 424 (R&R)	Person to be Contacted , First Name	1.63	V2_0 Forms C						
SF 424 (R&R)	Person to be Contacted	1.64	V2_0 Forms C						

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	Comments
	, Middle Name								
SF 424 (R&R)	Person to be Contacted , Last Name	1.65	V2_0 Forms C						
SF 424 (R&R)	Person to be Contacted , Suffix	1.66	V2_0 Forms C						
SF 424 (R&R)	Person to be Contacted , Position/ Title	1.67	V2_0 Forms C						
SF 424 (R&R)	Person to be Contacted , Street 1	1.68.1	V2_0 Forms C	Y			If either line>50 characters, truncate. (Minimum Validations)		
SF 424 (R&R)	Person to be Contacted , Street 2	1.69	V2_0 Forms C						Field is added with form V2_0
SF 424 (R&R)	Person to be Contacted , City	1.70	V2_0 Forms C						Field is added with form V2_0
SF 424 (R&R)	Person to be Contacted , County/ Parish	1.71	V2_0 Forms C						Field is added with form V2_0
SF 424 (R&R)	Person to be Contacted , State	1.72.1	V2_0 Forms C	Y	N	E	Required if country is US. (Minimum Validations)	The Contact Person 'State' on the SF424 Cover Page must be supplied for US addresses.	Field is added with form V2_0
SF 424 (R&R)	Person to be Contacted , State	1.72.2	V2_0 Forms C	Y	N	E	If country is not US must be blank. (Minimum Validations)	The Contact Person 'State' on the SF424 Cover Page should be blank for all countries other than the United States.	Field is added with form V2_0
SF 424 (R&R)	Person to be Contacted , State	1.72.3	V2_0 Forms C	Y	N	E	Transform state name to 2 char abbreviation before validating and storing. If state name can't be transformed, give error. (Minimum Validations)	The Contact Person 'State' on the SF424 Cover Page is not a valid state name.	Field is added with form V2_0
SF	Person to	1.73.1	V2_0	Y	N	E	Required if country is	The Contact Person	Field is added

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	Comments
424 (R&R)	be Contacted , Province		Forms C				Canada. (Minimum Validations)	'Province' must be supplied on the PHS SF424 Cover Page for Canadian addresses.	with form V2_0
SF 424 (R&R)	Person to be Contacted , Province	1.73.2	V2_0 Forms C	Y	N	E	If country is not Canada must be blank. (Minimum Validations)	The Contact Person 'Province' on the SF424 Cover Page should be blank for all countries other than Canada.	
SF 424 (R&R)	Person to be Contacted , Province	1.73.3	V2_0 Forms C	Y	N	E	Transform province name to 2 char abbreviation before validating and storing. If province name can't be transformed, give error. (Minimum Validations)	The Contact Person 'Province' on the SF424 Cover Page is not a valid province name.	
SF 424 (R&R)	Person to be Contacted , Country	1.74.1	V2_0 Forms C	N	N	E	Must be a valid ISO 3166-1 alpha-3 country code.	The Contact Person 'Country code' provided (<Country>) on the SF424 Cover Page is not a valid ISO 3166-1 alpha-3 country code.	
SF 424 (R&R)	Person to be Contacted , ZIP Code	1.75.1	V2_0 Forms C	Y	N	E	Required if country is US. (Minimum Validations)	The Contact Person Zip Code on the SF424 Cover Page must be entered for US addresses.	
SF 424 (R&R)	Person to be Contacted , ZIP Code	1.75.2	V2_0 Forms C	Y	N	E	Must be 9 numeric digits or 10 to allow a dash (-) if country is US. (Minimum Validations)	The Contact Person Zip Code on the SF424 Cover Page must be entered in a 9-digit format.	
SF 424 (R&R)	Person to be Contacted , ZIP Code	1.75.3	V2_0 Forms C	Y			For country other than US, if >9 characters, truncate (remove any dashes before truncating). (Minimum Validations)		
SF 424 (R&R)	Person to be Contacted , Phone Number	1.20		N	N				
SF 424 (R&R)	Person to be Contacted , Fax Number	1.21		N	N				
SF 424 (R&R)	Person to be Contacted , e-mail	1.22.1		N	N	W	If e-mail is not provided, display Warning	The e-mail address for the Person to Be Contacted, listed on the SF 424 RR Cover page was not included. The AOR email address also	

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	Comments
								provided on the SF 424 RR cover page will be used instead.	
SF 424 (R&R)	Person to be Contacted, e-mail	1.22.2		N	N	W	Must contain a '@', with at least 1 and at most 64 chars preceding and following the '@'. Control characters (ASCII 0 through 31 and 127), spaces and special chars < > ( ) [ ] \ , ; : are not valid.	The submitted e-mail address for the Person to Be Contacted (listed on the SF 424 RR Cover page), {0}, is invalid. The AOR email address also provided on the SF 424 RR cover page will be used instead.	
SF 424 (R&R)	Employer Identification	1.23.1		Y			If >12 characters, truncate (no warning). (Minimum Validations)		
SF 424 (R&R)	Employer Identification	1.23.2		N	N	W	If <13 characters, provide a warning if it is not either 9 characters or 12 characters (after dashes are removed).	The Employer Identification Number on the SF 424 RR Cover page should be a length of 9 characters or 12 characters. The application will be accepted by the agency.	
SF 424 (R&R)	Employer Identification	1.23.3		N			If 12 characters, don't map to database if EIN number doesn't exist in eRA database. Strip off dashes before doing comparison.		
SF 424 (R&R)	Employer Identification	1.23.4		N			If 9 characters, add a '1' to the beginning of the number and 'A1' to the end (for a total of 12 characters); don't map to database if resulting EIN number doesn't exist in eRA database. Strip off dashes before doing comparison.		
SF 424 (R&R)	Type of Application (New, Resub, Renewal, Contin, Revision)	1.25.1		Y	N	E	Must be either New, Revision, Resubmission, or Renewal (Minimum Validations)	<Type of Application> provided in the SF 424 RR Cover is invalid. The Type of Application must be New, Revision Resubmission, or Renewal.	For a revision, define parent grant by finding the most recent type 1, type 2, or type 9 that matches on the major activity code, IC, and serial number provided in the Federal Identifier, where the Project Start Date on the parent is earlier

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	Comments
									than or equal to the revision's Project Start Date, and the Project End Date on the parent is later than or equal to the revision's Project End Date. Subprojects and other revisions should be excluded from consideration as parent grants. In cases where the major activity code of the prior is 'U', matching is performed only on IC and serial number.
SF 424 (R&R)	Type of Application (New, Resub, Renewal, Contin, Revision)	1.25.2		N	N	E	Renewal is not a valid type for SC2, S11, X01, C06, UC6, G08, G13, G20,.	A renewal cannot be submitted for this application.	
SF 424 (R&R)	Type of Application (New, Resub, Renewal, Contin, Revision)	1.25.4		N	N	E	Revision is not a valid type for an S10, X01 application	A revision cannot be submitted for this application.	
SF 424 (R&R)	Type of Application (New, Resub, Renewal, Contin, Revision)	1.25.5		N	N	E	For a DP1, DP2 or DP3 application must be New.	Resubmissions, renewals, and revisions cannot be submitted for this application. This is indicated in the Type of Application on the SF 424 RR Cover page.	
SF 424 (R&R)	Type of Application (New, Resub, Renewal, Contin, Revision)	1.25.6		N	N	E	For an SC1 application, provide error for a renewal if there has already been an awarded renewal for this grant.	Only one renewal is allowed for an SC1.	
SF	Type of	1.25.7		N	N	E	For an SC1 application,	The PI, <first name last	

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	Comments
424 (R&R)	Application (New, Resub, Renewal, Contin, Revision)						provide error for a renewal if the PI has been awarded any R01 grants, whether as a single PI or as a multiple PI.	name) has been awarded R01 grants in the past. SC1 applications may not be submitted if the PI has been awarded any R01 grants.	
SF 424 (R&R)	Type of Application (New, Resub, Renewal, Contin, Revision)	1.25.9		Y	N	E	For FOA with activity code is 333/666/777 application must be Revision (Minimum Validations)	<Type of Application> provided in the SF 424 RR Cover is invalid. The Type of Application must be Revision.	
SF 424 (R&R)	Type of Application (New, Resub, Renewal, Contin, Revision)	1.25.11				E	Do not allow renewal type of application for DIrect Phase II applications (Based on FOA flag)	Renewal type of Application is not allowed for Direct Phase II submissions.	
SF 424 (R&R)	If revision, increase award, decrease, etc.	1.26							
SF 424 (R&R)	Name of Federal Agency	1.27							
SF 424 (R&R)	Catalog of Federal Domestic Assistance Number	1.28							
SF 424 (R&R)	Submitted to other agencies?	1.29							
SF 424 (R&R)	Descriptive Title	1.30.1							
SF 424 (R&R)	Descriptive Title	1.30.2		N	N	W	For revision type of application, provide warning if the project title on the application does not match the project title on the parent grant. Do not include leading or trailing spaces or any punctuation in the comparison.	For a revision, the project title provided on the SF 424 RR Cover should be the same as the project title on the parent grant (including spaces and punctuations).	

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	Comments
SF 424 (R&R)	Proposed project start date	1.32.1		Y	N	E	Must be later than current date (Minimum Validations)	The Proposed Project Start Date (SF 424 RR Cover page) must be later than today's date.	
SF 424 (R&R)	Proposed project ending date	1.33.1		N	N	E	Must be later than ProjectStartDate	The Proposed Project Ending Date (SF 424 RR Cover page) must be later than the Proposed Project Start Date	
SF 424 (R&R)	Proposed project ending date	1.33.3		N	Y Standard	W	For an G08, or G13 application, return warning if project period is more than three years long. Define project period by time span between project period start date and project period end date as entered on the SF 424 RR Face Page.	The project period for this type of application is limited to three years. Applications that do not comply with these instructions may be delayed or not accepted for review.	
SF 424 (R&R)	Proposed project ending date	1.33.5		N	N	E	For a DP1 or DP2 application, the project period must be exactly five years long. Define project period by the number of *years* only between the project start date and the project end date.	The project period for this application must be five years. This is determined by the Proposed Project Start Date and the Proposed Project Ending Date on the SF 424 RR Cover page.	
SF 424 (R&R)	Proposed project ending date	1.33.6		N	N	E	Must be no more than 20 years greater than today's date.	The Proposed Project Ending Date (SF 424 RR Cover page) cannot be more than 20 years in the future.	
SF 424 (R&R)	Congressional districts of applicant	1.34.1		Y	N	E	Must be a valid congressional district code (after truncating). Truncation logic: Parse from left to right, and take the first two digits encountered, skipping leading zeroes (return error if no digits are encountered, but no error if only zeroes are encountered). Before validating, pad out with a leading zero if less than 2 digits are extracted in this way. Display in grant image as submitted. (Minimum Validations)	Congressional district <Congressional District> on the SF 424 RR Cover page is invalid. To locate your district, visit http://www.house.gov/ If the applicant organization is a foreign institution refer to the application guide for instructions.	
SF 424 (R&R)	PD/PI Contact Informatio	1.36.1		Y			Required. (Minimum Validations)		

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	Comments
	n, name (prefix, first name, middle name, last name, suffix)								
SF 424 (R&R)	PD/PI Contact Informatio n, name (prefix, first name, middle name, last name, suffix)	1.36.2		N	N	W	If only a Commons Account is supplied, display a *warning* to pay attention to the name that is generated in the grant image, since this will appear exactly as it is represented in the Commons.	On the SF 424 RR Cover, no name was provided for the PD/PI identified on the Senior/Key Person Profile with eRA Commons Username: <Credential>. The name listed on this person's eRA Commons account, <Commons profile name data>, will be used for this submission.	
SF 424 (R&R)	PD/PI Contact Informatio n, name (prefix, first name, middle name, last name, suffix)	1.36.3		N	N	W	If this *and* Commons account provided (and Commons account is recognized), provide warning if last name and first name on account doesn't match provided last name and first name. Comparison to ignore case and embedded spaces, but not embedded punctuation.	The name provided for the PD/PI, <First name last name>, listed on the SF 424 RR Coverdoes not match the name listed on the eRA Commons account: <First name last name>. The application image will display the name as submitted here. If the name listed in the eRA Commons is not current, please update it in the eRA Commons. Instructions on updating profile information are available at https://commons.era.nih.gov/ commons-help/216.htm.	
SF 424 (R&R)	PD/PI Contact Informatio n, Position/T itle	1.37.1		N			If there is no position/title entered on any employment record for this person and organization in Commons, store the submitted position/title in all employment records for that person and organization in the Commons.		
SF 424 (R&R)	PD/PI Contact Informatio n, Position/T itle	1.37.2		Y			Truncate if greater than 40 characters, before comparing to title stored in database. No warning message is needed to the submitter. (Minimum Validations)		

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	Comments
SF 424 (R&R)	PD/PI Contact Information, Organization Name	1.38							
SF 424 (R&R)	PD/PI Contact Information, Department	1.39.1							
SF 424 (R&R)	PD/PI Contact Information, Division	1.40.1							
SF 424 (R&R)	PD/PI Contact Information, Street 1 and 2, city, state, province, zip, country, phone number, fax number, e-mail	1.41.1		Y	N	E	Transform province name to 2 char. abbreviation before storing. If province name can't be transformed, give an error. (Minimum Validations)	The PD/PI Profile Province on the SF 424 RR Cover is not a valid province name.	
SF 424 (R&R)	PD/PI Contact Information, Street 1 and 2, city, state, province, zip, country, phone number, fax number, e-mail	1.41.2		Y	N	E	Transform state name to 2 char. abbreviation before storing. If state name can't be transformed, give an error. (Minimum Validations)	The PD/PI Profile State on the SF 424 RR Cover is not a valid state name.	
SF 424 (R&R)	PD/PI Contact Information, Street 1 and 2, city, state, province,	1.41.3		N	N	E	Must contain a '@', with at least 1 and at most 64 chars preceding and following the '@'. Control characters (ASCII 0 through 31 and 127), spaces and special chars < > ( ) [ ] \ , ; : are not	The submitted e-mail address for the PD/PI (listed on the SF 424 RR Cover page), {0}, is invalid.	

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	Comments
	zip, country, phone number, fax number, e-mail						valid.		
SF 424 (R&R)	PD/PI Contact Information, County/Parish	1.42							
SF 424 (R&R)	Total Federal Funds Requested	1.43.1	V1_2 Adobe Forms B	N	N	W	For an S10 application, display a warning if this is greater than 500k.	The Total Federal Funds Requested in the Estimated Project Funding section of the SF 424 RR Cover page is greater than 500k. The application will be processed, but a concern may be raised during review.	
SF 424 (R&R)	Total Federal Funds Requested	1.43.2	V1_2 Adobe Forms B	N	N	E	Required for a C06, UC6, or G20 application.	The Total Federal Funds Requested in the Estimated Project Funding section of the SF 424 RR Cover page is required for this application.	
SF 424 (R&R)	Total Federal Funds Requested	1.43.3	V1_2 Adobe Forms B	N	N	E	Must be non-zero for a C06, UC6, or G20 application.	The Total Federal Funds Requested in the Estimated Project Funding section of the SF 424 RR Cover page cannot be zero.	
SF 424 (R&R)	Total Federal Funds Requested	1.43.4	V1_2 Adobe Forms B	N	N	E	For an X01 application, provide an error if non-zero values are entered.	The Total Federal Funds Requested in the Estimated Project Funding section of the SF 424 RR Cover page must be zero.	
SF 424 (R&R)	Total Federal Funds Requested	1.43.5	V1_2 Adobe Forms B	N	N	W	For an S21 or S22 application, provide a warning if zero or null.	The Total Federal Funds Requested in the Estimated Project Funding section of the SF 424 RR Cover page should not be zero. The application will be processed, but a concern may be raised during review.	
SF 424 (R&R)	Total Federal Funds Requested	1.43.7	V1_2 Adobe Forms B	N	N	E	For a DP2 application, provide an error if greater than 1.5 million	For a DP2 application The Total Federal Funds Requested in the Estimated Project Funding section of the SF 424 RR Cover page cannot be greater than 1.5	

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	Comments
								million.	
SF 424 (R&R)	Total Non-Federal Funds	1.60	V1_2 Adobe Forms B						
SF 424 (R&R)	Total Federal and Non-Federal Funds	1.44.1		N	N	E	For an X01 application, provide an error if non-zero values are entered.	Total Federal and non-Federal Funds in the Estimated Project Funding section of the SF 424 RR Cover page must be zero.	
SF 424 (R&R)	Total Federal and Non-Federal Funds	1.44.2		N	N	E	Required for a C06, UC6, or G20 application.	Total Federal & Non-Federal Funds in the Estimated Project Funding section of the SF 424 RR Cover page is required for this application.	
SF 424 (R&R)	Total Federal and Non-Federal Funds	1.44.3		N	N	E	Must be non-zero for a C06, UC6, or G20 application.	Total Federal & Non-Federal Funds in the Estimated Project Funding section of the SF 424 RR Cover page cannot be zero.	
SF 424 (R&R)	Total Federal and Non-Federal Funds	1.44.4		N	N	W	For an S21 or S22 application, provide a warning if zero or null.	Total Federal and non-Federal Funds in the Estimated Project Funding section of the SF 424 RR Cover page should not be zero. The application will be processed, but a concern may be raised during review.	
SF 424 (R&R)	Total Federal and Non-Federal Funds	1.44.6		N	N	E	For a DP2 application, provide an error if greater than 1.5 million.	For a DP2 application, Total Federal & Non-Federal Funds in the Estimated Project Funding section of the SF 424 RR Cover page cannot be greater than 1.5 million.	
SF 424 (R&R)	Estimated Program Income	1.45.1		N	N	E	For an X01, DP1, or DP2 application, provide an error if non-zero values are entered.	Total Estimated Program Income in the Estimated Project Funding section of the SF 424 RR Cover page must be zero.	
SF 424 (R&R)	Estimated Program Income	1.45.2		N	N	E	Required for a C06, UC6, or G20 application.	Estimated Program Income in the Estimated Project Funding section of the SF 424 RR Cover page is required for this application.	
SF 424 (R&R)	Subject to state executive order review?	1.46.1		N	N	E	For C06, UC6, or G20 applications, a response is required Yes or No checkbox	A response must be included to the question 'Is application subject to review by state executive order 12372 process' on the SF 424 RR	

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	Comments
								Cover page.	
SF 424 (R&R)	State executive order review date	1.47.1		N	N	E	Required if answer to 'Subject to state executive order review' is 'Yes'	A State executive order review date must be entered on the SF 424 RR Cover page, if the answer to the 'Subject to state executive order review' is 'Yes'.	
SF 424 (R&R)	Agreement and certification	1.48							
SF 424 (R&R)	SFLLL or Other Explanatory Documentation Attachment	1.61	V1_2 Adobe Forms B						
SF 424 (R&R)	Authorized representative name	1.49.1		Y	N	W	Truncate if first or last name>30 chars, or if suffix>5 chars. Display warning. (Minimum Validations)	The Authorized Representative <element name> (SF 424 RR Cover page) exceeds the agency character limit. The application image will display the name as submitted; the agency will store the first <database length> characters in the eRA database.	
SF 424 (R&R)	Authorized representative position/title	1.50.1		Y			Truncate if >30 chars. (Minimum Validations)		
SF 424 (R&R)	Authorized representative organization	1.51							
SF 424 (R&R)	Authorized representative department	1.52							
SF 424	Authorized	1.53							

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	Comments
(R&R)	representative division								
SF 424 (R&R)	Authorized representative street 1 & 2, city, state, province, zip code, country, phone number, fax, e-mail	1.54.2		Y	N	E	Transform province to 2 char. abbreviation for province before validating and storing. If province name can't be transformed, give error. (Minimum Validations)	The Authorized Representative Province (SF 424 RR Cover page) is not a valid province name.	
SF 424 (R&R)	Authorized representative street 1 & 2, city, state, province, zip code, country, phone number, fax, e-mail	1.54.3		Y	N	E	Transform state to 2 char. abbreviation for state before validating and storing. If state name can't be transformed, give error. (Minimum Validations)	The Authorized Representative State (SF 424 RR Cover page) is not a valid state name.	
SF 424 (R&R)	Authorized representative street 1 & 2, city, state, province, zip code, country, phone number, fax, e-mail	1.54.4		Y			If zip>9 characters, truncate. Remove dashes before truncating and/or storing. (Minimum Validations)		
SF 424 (R&R)	Authorized representative street 1 & 2, city, state, province, zip code, country,	1.54.5		N	N	E	Must contain a '@', with at least 1 and at most 64 chars preceding and following the '@'. Control characters (ASCII 0 through 31 and 127), spaces and special chars < > ( ) [ ] \ , ; : are not valid.	The submitted e-mail address for the Authorized Representative (listed on the SF 424 RR Cover page), {0}, is invalid.	

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	Comments
	phone number, fax, e-mail								
SF 424 (R&R)	Authorized representative county/Parish	1.55							
SF 424 (R&R)	Authorized representative signature and date	1.56							
SF 424 (R&R)	Pre-application attachment	1.57							
SF 424 (R&R)	Cover Letter Attachment	1.76.1	V2_0 Forms C	N	N	W	For an R13 application (activity code on funding opportunity = 'R13' or 'U13'), provide warning if the cover letter is not attached	For NIH applications only, a cover letter should be included, indicating NIH institute approval for a Conference Grant application.	
SF 424 (R&R)	Cover Letter Attachment	1.76.2	V2_0 Forms C	N	N	W	For an application responding to a collaborative announcement, provide a warning if this attachment is not included.	This funding opportunity allows submission of a collaborative group of applications. A Cover Letter attachment must be included for all applications that are being submitted as part of a collaborative group. If this application is not part of a collaborative group, no further action is required.	
SF 424 (R&R)	Cover Letter Attachment	1.76.4	V2_0 Forms C	N	N	E	Required for all F applications	A cover letter must be attached for this application. Please include the names of the referees for this application in the cover letter	
SF 424 (R&R)	Cover Letter Attachment	1.76.5	V2_0 Forms C	N	N	E	Do not allow cover letter attachment for type 3/6/7 applications	A cover letter cannot be attached for this application.	

Project/Performance Site (R&R)

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
Project/ Performance Site (R&R)	I am submitting an application as an individual, and not on behalf of a company, state, local or tribal government, academia, or other type of organization.	2.18	V1_2 Adobe Forms B								
Project/ Performance Site (R&R)	Primary Location, Organization Name	2.1.1		N			Allow applications to come in without The Project/Performance Site form.				
Project/ Performance Site (R&R)	Primary Location, Organization Name	2.1.2	V1_2 Adobe Forms B	N	N	E	Required for all NIH applications only	The Organization Name for the Primary Location is required on the Project/Performance Site Location(s) form. Please make sure the 'Submit an application as an individual' selection is not checked.			
Project/ Performance Site (R&R)	Primary Location, DUNS Number	2.19.1	V1_2 Adobe Forms B	N	N	E	Required for NIH applications only	The DUNS Number for the Primary Location is required on the Project/Performance Site Location(s) form. Please make sure the 'Submit an application as an individual' selection is not checked.			
Project/ Performance Site (R&R)	Primary Location, Street 1 and 2	2.2									
Project/ Performance Site (R&R)	Primary Location, City	2.3									
Project/ Performance Site (R&R)	Primary Location, County/Parish	2.4									
Project/ Performanc	Primary Location,	2.5									

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
e Site (R&R)	State										
Project/ Performanc e Site (R&R)	Primary Location, Province	2.6							Province should be mapped into same database location as state.		
Project/ Performanc e Site (R&R)	Primary Location, Zip code	2.7									
Project/ Performanc e Site (R&R)	Primary Location, Country	2.8									
Project/ Performanc e Site (R&R)	Primary Location, Congressiona l District	2.20. 1	V1_2 Adobe Forms B	N	N	E	Required if Country is US.	The Congressional District must be provided for the Primary Location on the Project/Performance Site Location(s) form.			
Project/ Performanc e Site (R&R)	Primary Location, Congressiona l District	2.20. 2	V1_2 Adobe Forms B	N	N	E	Must be a valid congressional district code (after truncating). Truncation logic: Parse from left to right, and take the first two digits encountered, skipping leading zeroes (return error if no digits are encountered, but no error if only zeroes are encountered). Before validating, pad out with a leading zero if less than 2 digits are extracted in this way. Do not return error if 'ALL' is encountered. When Other Country than US selected and no Congressional District is entered, then populate db with 00-000. The validation should not fire. Display in grant image as submitted	Congressional district <Congressional District> on the Project/Performance Site(s) is invalid. To locate your district, visit http://www.house.gov/ If the applicant organization is a foreign institution, refer to the application guide for instructions.			
Project/ Performanc e Site (R&R)	I am submitting an application as	2.21	V1_2 Adobe Forms B								

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
	an individual, and not on behalf of a company, state, local or tribal government, academia, or other type of organization.										
Project/ Performance Site (R&R)	Location 1, Organization Name	2.9									
Project/ Performance Site (R&R)	Location 1, DUNS Number	2.22	V1_2 Adobe Forms B								
Project/ Performance Site (R&R)	Location 1, Street 1 and 2	2.10									
Project/ Performance Site (R&R)	Location 1, City	2.11									
Project/ Performance Site (R&R)	Location 1, County/Parish	2.12									
Project/ Performance Site (R&R)	Location 1, State	2.13									
Project/ Performance Site (R&R)	Location 1, Province	2.14							Province should be mapped into same database location as state.		
Project/ Performance Site (R&R)	Location 1, Zip code	2.15									
Project/ Performance Site (R&R)	Location 1, Country	2.16									
Project/ Performance Site (R&R)	Location 1, Congressional District	2.23	V1_2 Adobe Forms B								
Project/ Performance Site (R&R)	Additional Location(s)	2.17.1	V2_0 / Forms C	N	N	E	Accept additional locations attachment only if 300 Project/Performance Sites have been submitted.	An Additional Locations attachment may be submitted only if 300 Project/Performance Sites including the Primary Sites have been submitted.			

Other Project Information (R&R)

Form	Field	Rule	Form Version / Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
Other Project Info (R&R)	Human Subjects Involved?	3.1.2		N	N	E	If HumanSubjectsUsedQuestion is false, ExemptionNumber must not be specified.	When Human Subjects is “No”, Exemption Number must not be specified on the Other Project Information component.			
Other Project Info (R&R)	Human Subjects Involved?	3.1.3		N	N	W	If HumanSubjectsUsedQuestion is false, provide a warning if AssuranceNumber is specified.	When Human Subjects is “No”, Assurance Number does not apply on the Other Project Information component.			
Other Project Info (R&R)	Human Subjects Involved?	3.1.4		N	N	E	Must be true if Human Subjects Clinical Trial question is true.	The ‘Human Subjects Involved’ question on the Other Project Information component must be "Yes" if the Human Subjects Clinical Trial question on the PHS 398 Cover Page Supplement is “Yes”.			
Other Project Info (R&R)	Human Subjects Involved?	3.1.5		N	N	W	For S10, S21, S22 application, display a warning if this is true.	The answer to the Human Subjects Involved on the Other Project Information component should be ‘No’. The application will be processed, but a concern may be raised during review.			
Other Project Info (R&R)	Human Subjects Involved?	3.1.6	V1_2 Adobe Forms B	N	N	W	Provide Warning if Human Subject Involved is Yes and Is the Project Exempt from Federal Regulations is No and Is the IRB review Pending is Yes	The Human Subject Assurance Number may be requested later as part of the eRA Commons Just In Time (JIT) process.			
Other Project Info (R&R)	Project Exempt from Federal Regulations	3.19.1	V1_2 Adobe Forms B	N	N	E	If Human Subjects Used Question is true, the Project Exempt from Federal Regulations question cannot be blank	If the answer to Human Subject Use is ‘Yes”, an answer to the Project Exempt from Federal Regulations must be provided.			
Other Project Info (R&R)	Exemption number	3.4.1	V1_2 Adobe Forms B	N	N	E	If Project Exempt from Federal Regulations is True, the Exemption number cannot be blank.	If the answer to Project Exempt from Federal Regulations is ‘Yes’, an Exemption Number must be provided.			

Form	Field	Rule	Form Version / Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
Other Project Info (R&R)	IRB review pending?	3.2.1	V1_2 Adobe Forms B	N	N	E	If IRB review pending? Is false, IRB approval date and Human subject assurance number cannot be blank.	If the answer to 'IRB Review Pending' question is 'No', the IRB Approval Date and Human Subject Assurance Number must be provided.			
Other Project Info (R&R)	IRB approval date	3.3.1		N	N	E	Date can't be in the future (but can be blank)	The IRB approval date on the Other Project Information component cannot be in the future.			
Other Project Info (R&R)	IRB approval date	3.3.2		N	N	E	Year of date must be greater than 1990	The year of the IRB approval date must be greater than 1990.			
Other Project Info (R&R)	Human subject assurance number	3.5.1		N	N	W	Provide warning if it doesn't match IPF human subject assurance number for this organization (matching on the Org Primary DUNs). Match should be on the last 11 characters of the IPF assurance number. If the Assurance Number that is received is exactly eight characters long and consists of all numeric digits, provide warning if after stripping off a leading 'FWA' from the number stored in the IPF (if it exists), the numbers don't match. After the comparison is made in this latter case, prefix the submitted number with 'FWA' before storing in the database.	The human subject assurance number entered in the Other Project Information component does not match what is in the eRA Commons profile for your organization. There are rare cases where this is permissible. Please make sure that the correct number is entered on the Other Project Information page. If not, correct and resubmit. Note, if you do not have an approved assurance on file with OHRP and have inserted "None" in the Human Subject Assurance Number, no correction is necessary.			
Other Project Info (R&R)	Vertebrate animals used?	3.6.1		N	N	E	If this is 'Y', then ONE of the following must be provided: Assurance Number + IACUC Approval Date Assurance Number + IACUC Approval Pending The word 'None' (case insensitive, don't validate on punctuation)	When Vertebrate Animals is "Yes", you must provide one of the following: (1) animal welfare assurance number + IACUC approval date, (2) animal welfare assurance number + an indication that IACUC approval is pending OR (3) the word 'None' on the Other Project Information component.			

Form	Field	Rule	Form Version / Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
Other Project Info (R&R)	Vertebrate animals used?	3.6.2		N	N	W	For S10 application, display a warning if this is true.	The answer to the Vertebrate Animals Used question in the Other Project Information component should be 'No'. The application will be processed, but a concern may be raised during review.			
Other Project Info (R&R)	IACUC review pending?	3.7.1		N	N	W	Provide a warning if Vertebrate Animals Used is 'N'	When Vertebrate Animals is "No" IACUC Approval Pending indicator does not apply on the Other Project Information component.			
Other Project Info (R&R)	IACUC approval date	3.8.1		N	N	W	Provide a warning if VertebrateAnimalsUsed Question is false	When Vertebrate Animals is "No" IACUC Approval Date does not apply on the Other Project Information component.			
Other Project Info (R&R)	IACUC approval date	3.8.2		N	N	E	Year of date must be greater than 1990	The year of the IACUC approval date must be greater than 1990.			
Other Project Info (R&R)	IACUC approval date	3.8.3		N	N	E	The date can't be in the future	The IACUC Approval Date on the Other Project Information component cannot be in the future.			
Other Project Info (R&R)	Animal Welfare Assurance #	3.9.1		N	N	W	Provide a warning if VertebrateAnimalsUsed Question is false	When Vertebrate Animals is "No" on the Other Project Information component, the Animal Welfare Assurance Number does not apply.			
Other Project Info (R&R)	Animal Welfare Assurance #	3.9.3		N	N	W	Provide warning if Animal Assurance Number entered on the grant application does not match at least one of Animal Assurance Numbers recorded for the organization. Animal Assurance Number that starts with 'X' shall not be validated. Should be match using only digits by stripping dashes and should not be case sensitive. Do not validate if data entry is 'None'	*Animal Assurance Number entered on your grant application does not correspond to the Animal Assurance number for your Organization's eRA institutional profile. Please check the OLAW website list of approved assurances at* http://grants.nih.gov/grants/olaw/olaw.htm. *Your application will continue to be processed.*	B-01569 Updated error message text 04/07/2015		

Form	Field	Rule	Form Version / Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
Other Project Info (R&R)	Proprietary or privileged info?	3.10									
Other Project Info (R&R)	Impact on environment?	3.11									
Other Project Info (R&R)	Performance Site a historic place?	3.20	V1_2 Adobe Forms B								
Other Project Info (R&R)	Activities outside of US?	3.12									
Other Project Info (R&R)	Project Summary	3.13.1		N	N	E	Limited to one page	The Project Summary/Abstract on the Other Project Information component is limited to 30 lines of text.			
Other Project Info (R&R)	Project Summary	3.13.2		N	N	E	Required	The Abstract (labeled 'Project Summary/Abstract' on the Other Project Information component) must be included.			
Other Project Info (R&R)	Project Narrative	3.14.1		N	N	E	For all applications except those in response to C06, UC6, or G20 , limit to 1 page	The Public Health Relevance Statement (labeled 'Project Narrative' on the Other Project Information component) should be no longer than 2 or 3 sentences.			
Other Project Info (R&R)	Project Narrative	3.14.2		N	N	E	Required for C06, UC6, or G20 applications.	Please attach the Program Narrative as the Project Narrative attachment on the Other Project Information component.			
Other Project Info (R&R)	Project Narrative	3.14.3		N	N	W	Provide a warning if greater than 40 pages for C06, UC6, or G20 applications.	The Program Narrative (Other Project Information, Project Narrative attachment) is limited to 40 pages.			
Other Project Info (R&R)	Project Narrative	3.14.6		N	N	E	Required for all applications (validation does not apply to C06, UC6, or G20).	The Public Health Relevance Statement (labeled 'Project Narrative' on the Other Project Information component) must be included.			
Other Project Info (R&R)	Bibliography and References Cited	3.15.1		N	N	W	Provide a warning if this attachment hasn't been included. This validation only applies to NIH applications.	In most cases, a Bibliography and References Cited attachment should be included.			
Other	Bibliography	3.15.2		N	N	E	Provide error if attached	The Bibliography and			

Form	Field	Rule	Form Version / Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
Project Info (R&R)	and References Cited						for a DP1 or DP2 application	References attachment on the Other Project Information page may not be included for this application.			
Other Project Info (R&R)	Bibliography and References Cited	3.15.3		N	N	E	For VA applications, provide error if Bibliography and References Cited is more than 4 pages.	The Bibliography and References attachment on the Other Project Information is limited to 4 pages.			
Other Project Info (R&R)	Facilities and other resources	3.16.1		N	N	W	Provide warning if attached for DP3 application	Please follow application guide and announcement instructions for the Facilities and Other Resources attachment on the Other Project Information form.			
Other Project Info (R&R)	Equipments	3.17.1		N	N	E	Required for S10 applications.	The Equipment Attachment on the Other Project Information page is required for S10 applications.			
Other Project Info (R&R)	Equipments	3.17.2		N	N	W	Provide warning if attached for a DP1 , DP2 or DP3 application	Please follow application guide and announcement instructions for the Equipment attachment on the Other Project Information form.			
Other Project Info (R&R)	Other attachments	3.18.1		N	N	E	For S10 applications, provide error if at least one attachment has not been included for this.	No attachment was provided as an 'Other Attachment' on the Other Project Information page. Please attach the Instrumentation Plan in this location. Please also consult the funding opportunity announcement to which you are responding for any additional information to be attached as an 'Other Attachment'.			
Other Project Info (R&R)	Other attachments	3.18.3		N	N	E	For S21 and S22 applications, provide error if at least three attachments haven't been included for this.	At least three attachments must be provided as an 'Other Attachment' on the Other Project Information page. Please consult the funding opportunity announcement for the type(s) of information to be attached.			
Other Project Info (R&R)	Other attachments	3.18.18		N	N	E	For F applications, provide error if at least one attachment has not been included for this	No attachment was provided as an 'Other Attachment' on the Other Project Information page. Please attach the	Bookmarking should be done as follow:		

Form	Field	Rule	Form Version / Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
							and Competition ID is 'ADOBE-FORMS-B'..	Sponsor, the Co-Sponsor, the Collaborators and Dissertation Advisor and List of Referees. Please also consult the funding opportunity announcement to which you are responding for any additional information to be attached as an 'Other Attachment'.	Sponsor Co-sponsor(s) Collaborators and Dissertation Advisor(s) List of Referees Other attachment bookmarked by filename provided by applicant		
Other Project Info (R&R)	Other attachments	3.18.39		N	N	W	For F30 and F31 applications provide a Warning if a file named like '%Additional%Educational%Information%.pdf' is not attached.	The pdf named 'Additional Educational Information.pdf' required by the funding opportunity announcement was not found in the Other Attachments section of the R&R Other Project Information form. Failure to include this document (or this document attached under a different filename) will result in your application being flagged as incomplete during manual post-submission validations and your application will not move forward for review.			

Senior/Key Person Profile (R&R)

Form	Field	Rule	Form Version / Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
Senior/Key Person (R&R)	PD/PI Profile Information	4.1.1					Pulled from SF 424 RR Cover form		Note: identify this Senior/Key Person as the contact PI if multiple PI roles are defined.		
Senior/Key Person (R&R)	PD/PI Profile, credential	4.2.1		Y	N	E	Must be specified for the PD/PI (Minimum Validations)	The eRA Commons Username must be submitted for the PD/PI in the PD/PI Credential field on the Senior/Key Person page.			
Senior/Key Person (R&R)	PD/PI Profile, credential	4.2.2		Y			Truncate if greater than 30 characters, before comparing to account stored in database. No warning message is needed to the submitter. (Minimum Validations)				
Senior/Key Person (R&R)	PD/PI Profile, credential	4.2.3		Y	N	E	*If specified*, must be a valid Commons account. (Minimum Validations)	The eRA Commons Username <Credential> in the PD/PI Credential field on the Senior/Key Person page is not a recognized eRA Commons account.			
Senior/Key Person (R&R)	PD/PI Profile, credential	4.2.4		Y	N	E	For the PD/PI, this account must be affiliated with the organization (matching on the Org Primary DUNs) submitting the application and have the PI role (Minimum Validations)	The eRA Commons account indicated for the PD/PI in the Credential field on the Senior/Key Person page is not affiliated with the applicant organization. Check with your eRA Commons Account Administrator to make sure you have been affiliated with the applicant organization.			
Senior/Key Person (R&R)	PD/PI Profile, credential	4.2.5		N	N	W W	For a revision, the PI should be assigned to the parent grant. If the person profile for this Commons account is not the same person profile assigned as the PI to the parent grant, and the last name of the	Warning: The eRA Commons account for the PI in the Credential field on the Senior/Key Person page does not include the parent grant of this submission in its support history. Change from Error to			

Form	Field	Rule	Form Version / Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
							PI assigned to the parent grant matches the last name that is submitted for the PI on the current application, provide the indicated warning. This match must *not* be case-sensitive, and should compare only the non-blank, non-punctuation characters that appear in the last name. If neither the profile nor the last name match, provide the indicated warning.	Warning: The parent grant that has been entered is not associated with this PI.			
Senior/Key Person (R&R)	PD/PI Profile, credential	4.2.6		N	N	W	Provide a warning if there is both an SO and a PI role associated with the Commons account.	The eRA Commons account has 'SO' and 'PI' roles. Please create a separate eRA Commons account for the SO/AOR, then delete the 'SO' role from the account included in the submission. You do not need to send a changed/corrected application.			
Senior/Key Person (R&R)	PD/PI Profile, credential	4.2.7		N	N	W	Provide a warning if the single role associated with the Commons account is an SO role.	The eRA Commons account included for the PD/PI is for an SO/AOR. Please add a PI role to this account, create a separate 'SO' eRA Commons account for the SO/AOR, and delete the 'SO' role from the original account. You do not need to send a changed/corrected application; however, you will need to change the roles on the Commons account as instructed, or the PD/PI will not be able to view the review outcome or Summary Statement.			
Senior/Key Person	PD/PI Profile, other project	4.3									

Form	Field	Rule	Form Version / Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
(R&R)	role category										
Senior/Key Person (R&R)	PD/PI Profile, Project Role	4.3.1		Y	N	E	Provide error if PD/PI project role is not provided for Snr/Key person in the PD/PI Section	A Project Role of PD/PI is required for snr/key person <first name last name>.			
Senior/Key Person (R&R)	PD/PI Profile, Degree Type	4.29.1	V1_2 Adobe Forms B	N	N	W	Warning if no degrees have been included on the application and none are listed in Commons Personal Profile	No degrees are listed in the Commons Profile or have been submitted on the RR Senior/Key Profile form for the Contact PD/PI. If the degrees listed in the eRA Commons are not current, please update them in the eRA Commons. Instructions on updating profile information are available at https://commons.era.nih.gov/commons-help/216.htm.			
Senior/Key Person (R&R)	PD/PI Profile, Degree Year	4.30.1	V1_2 Adobe Forms B								
Senior/Key Person (R&R)	PD/PI Biosketch	4.4.3	V2_0 / Forms C	N	N	E	Provide error if not provided	The Biographical Sketch attachment is required for Senior/Key Person < First Name, Last Name>.			
Senior/Key Person (R&R)	Biosketch	4.4.4		N	N	E	Provide Error if the Biosketch attachment is more than 5 pages	The Biosketch for Senior/Key Person, <first name last name>, exceeds the 5 page limit.			
Senior/Key Person (R&R)	Current and Pending Support	4.5.1		N	N	E	Attachment is required for a DP1 or DP2 application.	For this application, a Current and Pending Support attachment must be included for the PD/PI on the Senior/Key Person page			
Senior/Key Person (R&R)	Profile, senior & key person *x*, name	4.6.1		Y			Truncate if first or last name>30 chars, or suffix>5 chars. (Minimum Validations)		Long-term, change in eRA db to 60 chars for last name, 35 for first name, 10 for suffix (all names in db) ("nth" indicates the relative order of this KeyPerson element) If the Commons account was not recognized, store data in eappl_personnel		

Form	Field	Rule	Form Version / Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
									record without the person ID.		
Senior/Key Person (R&R)	Profile, senior & key person *x*, name	4.6.2		N	N	W	If this *and* Commons Account provided (and Commons account is recognized), provide warning if last name *and* first name on account don't match provided name. Comparison to ignore case and embedded spaces, but not embedded punctuation.	The name provided for Key Person <submitted first name last name> on the Senior/Key Person page does not match the eRA Commons account name (<Commons profile first name last name>). The application image will display the name as submitted.			
Senior/Key Person (R&R)	Profile, senior & key person *x*, name	4.6.3		N	N	W	For S10 applications, provide warning if there are not at least two senior/key persons (other than the PD/PI), with project role of 'Other (specify)'.	Less than 2 senior/key person entries have been included with a project role of 'Other (specify)' on the Senior/Key Person page to represent the major user group cohort. The application will be processed, but a concern may be raised during review.			
Senior/Key Person (R&R)	Profile, senior & key person *x*, name	4.6.4		N	N	E	For DP1 and DP2 applications, provide error if any senior/key persons included (other than the PD/PI on the SF 424 RR Cover)	For this application, the only Senior/Key Person who should be included is the PD/PI who is listed on the SF 424 RR Cover page.			
Senior/Key Person (R&R)	Profile, senior & key person *x*, position title	4.7.1		Y			Truncate if greater than 40 characters. No warning message is needed to the submitter. (Minimum Validations)				
Senior/Key Person (R&R)	Profile, senior & key person *x*, organization name	4.8.1		N	N	E	Needs to be enforced as mandatory.	The organization name for Key Person <Key Person First Name Last Name> must be provided on the Senior/Key Person page.			
Senior/Key Person (R&R)	Profile, senior & key person *x*, department	4.9									
Senior/Key	Profile, senior	4.10									

Form	Field	Rule	Form Version / Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
Person (R&R)	& key person *x*, division										
Senior/Key Person (R&R)	Profile, senior & key person *x*, street 1 and 2	4.11									
Senior/Key Person (R&R)	Profile, senior & key person *x*, city	4.12									
Senior/Key Person (R&R)	Profile, senior & key person *x*, county/Parish	4.13									
Senior/Key Person (R&R)	Profile, senior & key person *x*, state	4.14									
Senior/Key Person (R&R)	Profile, senior & key person *x*, province	4.15									
Senior/Key Person (R&R)	Profile, senior & key person *x*, zip code	4.16							Long-term, change in ERA db to 13 characters		
Senior/Key Person (R&R)	Profile, senior & key person *x*, country	4.17									
Senior/Key Person (R&R)	Profile, senior & key person *x*, phone	4.18									
Senior/Key Person (R&R)	Profile, senior & key person *x*, fax	4.19									
Senior/Key Person (R&R)	Profile, senior & key person *x*, e-mail	4.20									
Senior/Key Person (R&R)	Profile, senior & key person *x*, credential	4.21.1		Y	N	E	If specified for a key person with a PD/PI role, must be a valid Commons account. (Minimum Validations)	The eRA Commons Username <Credential>, specified on the Senior/Key Person page for PD/PI <First Name Last Name>, is not a recognized eRA Commons account.			
Senior/Key Person (R&R)	Profile, senior & key person *x*, credential	4.21.2		Y			Truncate if greater than 30 characters, before comparing to account stored in database. No				

Form	Field	Rule	Form Version / Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
							warning message is needed to the submitter. (Minimum Validations)				
Senior/Key Person (R&R)	Profile, senior & key person *x*, credential	4.21.3		N	N	E	If specified for a key person with a PD/PI role, the Commons account must have a PI role associated with it (may have other roles as well).	The Commons account associated with <Credential> does not have a PI role. Please add a PI role to this account before submitting a changed/corrected application.			
Senior/Key Person (R&R)	Profile, senior & key person *x*, credential	4.21.4		Y	N	E	Must be specified if project role is 'PD/PI'. (Minimum Validations)	The eRA Commons Username has not been specified in the 'Credential' field on the Senior/Key Person page for PD/PI <First Name Last Name>			
Senior/Key Person (R&R)	Profile, senior & key person *x*, credential	4.21.8		Y	N	E	For FOA with activity code is 777 and Fellowship application (defined by containing PHS Fellowship Supplemental form), credential is required for the key person with a role of 'Other' or 'Other Professional' and a project role category of 'Sponsor'. Validation includes Type 7 submissions	The eRA Commons Username must be submitted using the Credential field on the Senior/Key Person form for 'Sponsor' <First Name> <Last Name>		Validation for Type 7 Fellowship application	
Senior/Key Person (R&R)	Profile, senior & key person *x*, credential	4.21.9		Y	N	E	For FOA with activity code is 777 and Fellowship application (defined by containing PHS Fellowship Supplemental form), for the key person with a role of 'Other' or 'Other Professional' and a project role category of 'Sponsor', the credential specified must be a valid Commons account. Validation includes	The eRA Commons Username <Credential> in the Credential field of the Senior/Key Person form for 'Sponsor' <First name> <Last name> is not a recognized eRA Commons account.		Validation for Type 7 Fellowship application	

Form	Field	Rule	Form Version / Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
							Type 7 submissions				
Senior/Key Person (R&R)	Profile, senior & key person *x*, credential	4.21.10		Y	N	W	For FOA with activity code is 777 and Fellowship application (defined by containing PHS Fellowship Supplemental form), for the key person with a role of 'Other' or 'Other Professional' and a project role category of 'Sponsor', Provide a warning if the Commons account does not have a sponsor role associated with it. Validation includes Type 7 submissions	The eRA Commons Username <Credential> in the Credential field of the senior/Key person form for 'Sponsor' <First name> <Last name> does not have a sponsor role associated with it. Please work with your eRA Commons account administrator to add the Sponsor role to the account. No change to the application is needed.		Validation for Type 7 Fellowship application	
Senior/Key Person (R&R)	Profile, senior & key person *x*, project role	4.22.2		N	N	E	For a C06, UC6, or G20 application, there must be at least one key person identified with a project role of 'Other' or 'Other Professional'.	A Facilities Person must be identified for this application. Please provide the information for this person after the PD/PI on the Senior/Key Person page. Specify a project role of 'Other' or 'Other Professional', and an Other Project Role Category of 'Facilities Person'.			
Senior/Key Person (R&R)	Profile, senior & key person *x*, project role	4.22.3		N	N	E	For an S11 application, there must be at least one key person identified with a project role of 'Other' or 'Other Professional'.	A Collaborator must be identified for this application. Please provide the information for this person after the PD/PI on the Senior/Key Person page. Specify a project role of 'Other' or 'Other Professional', and an Other Project Role Category of 'Collaborator'.			
Senior/Key Person (R&R)	Profile, senior & key person *x*, project role	4.22.4.1		N	N	E	For an SC2 application, there must be at least one key person identified with a project role of 'Other' or 'Other Professional' and a	A Mentor must be identified for this application. Please provide the information for this person after the PD/PI on the Senior/Key Person page. Specify a project role of 'Other' or 'Other			

Form	Field	Rule	Form Version / Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
							project role category of 'Mentor'.	Professional', and an Other Project Role Category of 'Mentor'.			
Senior/Key Person (R&R)	Profile, senior & key person *x*, project role	4.22.5		N	N	E	Provide an error if project role is 'PD/PI' and credential is the same as the PD/PI credential.	PD/PI <First Name Last Name> has been identified in both the PD/PI portion and in the Senior/Key Person Profile portion of the Senior/Key Person page.			
Senior/Key Person (R&R)	Profile, senior & key person *x*, project role	4.22.6		N	N	W	For NIH applications only, , provide a warning if the 'Co-PI' role has been indicated	The role of Co-PD/PI, indicated for Senior/Key Person <First Name Last Name> on the Senior/Key Person page, is not used by NIH to designate multiple PD/PIs. For multiple Principal Investigators use the PD/PI role.			
Senior/Key Person (R&R)	Profile, senior & key person *x*, project role	4.22.6.1		N	N	E	For SC1, SC2, or SC3 applications, provide an error if the 'Co-PI' role has been indicated	The role of 'Co-PD/PI', indicated for Senior/Key Person <First Name Last Name> on the Senior/Key Person page, is not applicable to this mechanism.			
Senior/Key Person (R&R)	Profile, senior & key person *x*, project role	4.22.7		N			If project role is 'PD/PI', identify in database as Multiple PI.		Need to create role record for multiple PIs. Also need to set multi_pi_indicator_code in appls_t. Populate affiliation data in person_involvements_t.external_org_id with the org identified as the default account affiliation. Should be indicated in mapping document.		
Senior/Key Person (R&R)	Profile, senior & key person *x*, project role	4.22.8		N	N	E	For an SC1, SC2, or SC3 application, a K or C06 application, provide an error if the project role is 'PD/PI'. K12 and KM1 applications are exempt from this validation.	For this mechanism, applications that include multiple PIs can not be submitted.			
Senior/Key Person (R&R)	Profile, senior & key person *x*, project role	4.22.9		N	N	E	For F Applications, there must be at least one key person	A Sponsor must be identified for this application. Provide the information for this			

Form	Field	Rule	Form Version / Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
							identified with a project role of 'Other' or 'Other Professional' and a project role category of 'Sponsor'.	person on the Senior/Key Person page. Specify a project role of Other and an Other Project Role Category of 'Sponsor'			
Senior/Key Person (R&R)	Profile, senior & key person *x*, other project role category	4.23.1		N	N	E	Accept "Other Project Role Category" only when "Project Role" is "Other" or "Other Professional"	For key person <First Name Last Name> on the Senior/Key Person page, an 'Other Project Role Category' was submitted for a project role of <project role>. This can be used only when Project Role is "Other" or "Other Professional".			
Senior/Key Person (R&R)	Senior & key person *x*, Degree Type	4.31.1	V1_2 Adobe Forms B	N	N	W	If PD/PI role is selected, provide a warning if no degrees have been included on the application and are listed in Commons Personal Profile	No degrees are listed for the PD/PI in the Commons Profile or have been submitted on the R&R Senior/Key Profile. If the degrees listed in the eRA Commons are not current, please update them in the eRA Commons. Instructions on updating profile information are available at https://commons.era.nih.gov/commons-help/216.htm.			
Senior/Key Person (R&R)	Senior & key person *x*, Degree Year	4.32.1	V1_2 Adobe Forms B								
Senior/Key Person (R&R)	Senior & key person *x*, Biosketch	4.24.2	V2_0 / Forms C	N	N	E	Provide error if not provided	The Biographical Sketch attachment is required for Senior/Key Person < First Name, Last Name>.			
Senior/Key Person (R&R)	Senior & key person *x*, Biosketch	4.24.3		N	N	E	Provide Error if the Biosketch attachment is more than 5 pages	The Biosketch for Senior/Key Person, <first name last name>, exceeds the 5 page limit.			
Senior/Key Person (R&R)	Senior & key person *x*, Current and Pending Support	4.25.1		N	N	W	For S10 applications, provide warning if no attachment is provided for any three senior/key persons with project role of 'Other (specify)' or with project role of	Less than 3 Current and Pending Support attachments have been included for the major user group cohort on the Senior/Key Person page. The application will be processed, but a concern may be raised during review.		This attachment can be received for a PD/PI, or for a senior/key person with a role of 'Other (specify)'. We need to make sure that at least	

Form	Field	Rule	Form Version / Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
							'PD/PI'.			3 of these attachments are submitted, whether 1 is submitted for the PD/PI and 2 for the senior/key person (with role of 'Other (specify)'), or 3 are submitted for the senior key person (with role of 'Other (specify)').	
Senior/Key Person (R&R)	Additional Senior/Key Person Profiles	4.26.1		N	N	E	For version 1.0 of Senior/Key Person form, accept only if eight key personnel have been submitted on the Senior/Key Person page.	An Additional Senior/Key Person Profiles attachment may be submitted only if eight senior/key person profiles have been submitted on the Senior/Key Person page.			
Senior/Key Person (R&R)	Additional Senior/Key Person Profiles	4.26.2		N	N	E	For the Research & Related Senior/Key Person Expanded version of Senior/Key Person form, accept only if 40 key personnel have been submitted on the Senior/Key Person page.	An Additional Senior/Key Person Profiles attachment may be submitted only if 40 senior/key person profiles have been submitted on the Senior/Key Person page.			
Senior/Key Person (R&R)	Additional Senior/Key Person Profiles	4.26.4	V2_0 / Forms C	N	N	E	Accept additional person profile attachment only if 100 key personnel have been submitted.	An Additional Senior/Key Person Profiles attachment may be submitted only if 100 senior/key person profiles including the PD/PI have been submitted.			
Senior/Key Person (R&R)	Additional Senior/Key Person Profiles	4.26.3		N	N	E	Provide error if included for a DP1 or DP2 application.	The Additional Senior/Key Person Profiles attachment cannot be submitted for this application.			
Senior/Key Person (R&R)	Additional Senior/Key Person Biosketch	4.27.1		N	N	E	Accept only if an Additional Senior/Key Person Profiles attachment has been submitted and accepted.	An Additional Senior/Key Person Biosketch attachment may be submitted on the Senior/Key Person page only if an Additional Senior/Key Person Profiles attachment has been submitted and			

Form	Field	Rule	Form Version / Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
								accepted.			
Senior/Key Person (R&R)	Additional Senior/Key Person Biosketch	4.27.2		N	N	E	Provide error if included for a DP1 or DP2 application.	The Additional Senior/Key Person Biosketch attachment cannot be submitted for this application.			
Senior/Key Person (R&R)	Additional Senior/Key Person Current and Pending Support	4.28.1		N	N	E	Accept only if an Additional Senior/Key Person Profiles attachment has been submitted and accepted.	An Additional Senior/Key Person Current and Pending Support attachment may be submitted on the Senior/Key Person page only if an Additional Senior/Key Person Profiles attachment has been submitted and accepted.			
Senior/Key Person (R&R)	Additional Senior/Key Person Current and Pending Support	4.28.2		N	N	E	Provide error if included for a DP1 or DP2 application.	The Additional Senior/Key Person Current and Pending Support attachment cannot be submitted for this application.			

R&R Budget (5 Year)

Budget, A&B, Year X (R&R)

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
Budget, A&B, Year *x* (R&R)							Unless specifically stated, all project budget validations also apply to the subaward budget.		In mapping, assign a budget period ID based on the year of the budget.		
Budget, A&B, Year *x* (R&R)		5.0.1		Y	N	E	Accept submission of modular budget or detailed budget, but not both (Minimum Validations)	Both a modular and a detailed budget have been included with this submission. One or the other may be submitted.			
Budget, A&B, Year *x* (R&R)		5.0.2		Y	N	E	Require a submission of either a modular budget or a detailed budget form. The following mechanisms are exempt from this validation: S10, X01, X02, C06, UC6, G20, DP1, DP2, DP3, F, all Ts, K12, KM1, D43, D71 and U2R. Type 3, 6 and 7 applications are excluded from this validation. (Minimum Validations)	You must include a budget component with this application.		Type 3, 6 and 7 exclusion is added for processing Change of Institution and Supplements only	
Budget, A&B, Year *x* (R&R)		5.0.3		N	N	E	A subaward budget should not be accepted if a modular budget has been included	A subaward budget may not be included if a modular budget has been submitted.			
Budget, A&B, Year *x* (R&R)		5.0.4.1		N	N	E	An application in response to an SC1, SC2, or SC3 opportunity must be submitted with a modular budget.	SC1, SC2, and SC3 applications must use the PHS 398 Modular Budget Form and not the SF 424 R&R Budget Form.			
Budget, A&B, Year *x* (R&R)		5.0.5		N	N	W	For a revision, if the parent grant budget is modular, only a modular budget form	This application should be submitted with the same type of budget as the last competing segment. If the			

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
							may be submitted	same budget type has been used, then no action is necessary.			
Budget, A&B, Year *x* (R&R)		5.0.7		N	N	E	For an S11 application, there must be at least one budget included with budget type of subaward/consortium for each year of the project budget.	A subaward budget must be included with this submission for the Collaborator, for each year included on the project budget.			
Budget, A&B, Year *x* (R&R)		5.0.8		N	N	W	For an S21/S22 application, provide a warning if a fourth budget period is included.	No more than three budget years should be included on the 424 RR Budget. The application will be processed, but a concern may be raised during review.			
Budget, A&B, Year *x* (R&R)	Organizational DUNS	5.1.1		N	N	E	Required for budget type 'Subaward/Consortium'	The Organizational DUNS has not been included for Sections A&B for <name of organization> on the 424 RR Budget page.			
Budget, A&B, Year *x* (R&R)	Organizational DUNS	5.1.2		N	N	E	One and only one budget should contain the DUNS of the applicant organization.	The project budget must contain the DUNS number for the applicant organization on the 424 RR Budget Page. This number should not appear on a Subaward budget; i.e., a Subaward budget must have a different DUNS number entered.			
Budget, A&B, Year *x* (R&R)	Organizational DUNS	5.1.3		N	N	E	This must be the budget that has been identified as 'Project'	A Subaward budget has been identified for the applicant organization. All budget requirements for the applicant organization must be included in the project budget.			
Budget, A&B, Year *x* (R&R)	Budget type (project, subaward/consortium)	5.2.1		N	N	E	If a detailed budget is included, there must be one and only one occurrence with a value of 'Project'.	Only one budget with a budget type of 'Project' for Sections A&B may be submitted on the 424 RR Budget page.			
Budget, A&B, Year *x* (R&R)	Name of organization (for subaward/consortium)	5.3.1					If multiple detailed budgets have been included in the submission, all budget error and warning messages should include the		Since there is a limit of 250 characters for the error message, put the organization name at the end of the message, and truncate if necessary.		

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
							name of the organization for which the budget validation has failed.				
Budget, A&B, Year *x* (R&R)	Start Date	5.4.1		N	N	W	For budget year 1, for Budget Type 'Project', for new applications and resubmissions, must be the same as the Proposed Project Start Date listed on the SF 424 RR Face Page.	For new applications and resubmissions, the start date for the first budget year on the 424 RR Budget page must be the same as the proposed project start date listed on the SF 424 RR Cover page.			
Budget, A&B, Year *x* (R&R)	Start Date	5.4.1.1		N	N	W	For budget year 1, for Budget Type 'Project', for new applications and resubmissions, must be the same as the Proposed Project Start Date listed on the SF 424 RR Face Page.	For new applications and resubmissions, the start date for the first budget year on the 424 RR Budget page must be the same as the proposed project start date listed on the SF 424 RR Cover page. <Organization Name>			
Budget, A&B, Year *x* (R&R)	Start Date	5.4.2		N	N	W	For budget years after budget year 1, must be greater than or equal to the Proposed Project Start Date listed on the SF 424 RR Face Page.	The start date for budget year <budget year> must be equal to or later than the proposed project start date listed on the SF 424 RR Cover page.			
Budget, A&B, Year *x* (R&R)	Start Date	5.4.2.1		N	N	E	For budget years after budget year 1, must be greater than or equal to the Proposed Project Start Date listed on the SF 424 RR Face Page.	The start date for budget year <budget year> must be equal to or later than the proposed project start date listed on the SF 424 RR Cover page. . <Organization Name>			
Budget, A&B, Year *x* (R&R)	End Date	5.5.1		N	N	E	Must be greater than the budget start date and less than or equal to the Project Period End Date, both listed on the SF 424 RR Face Page.	The end date for budget year <budget year> must be later than the budget start date and less than or equal to the proposed project end date listed on the SF 424 RR Cover page.			
Budget, A&B, Year *x* (R&R)	Senior/Key Person Name (prefix, first name, middle	5.6.1		Y			Truncate if first or last name>30 chars, or if suffix>5 chars. (Minimum		Long-term, change in eRA db to 60 chars for last name, 35 for first name, 10 for		

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
	name, last name, suffix)						Validations)		suffix (all names in db)		
Budget, A&B, Year *x* (R&R)	Senior/Key Person Name (prefix, first name, middle name, last name, suffix)	5.6.2		N	N	E	For first senior/key person with Project Role of PD/PI (for the PI listed on the SF 424 RR Cover only), must match Senior/Key Person form last name and first name.	The name given for the PD/PI for budget year <budget year> on the 424 RR Budget page (section A&B) does not match the name given for the PD/PI on the SF 424 RR Cover.			
Budget, A&B, Year *x* (R&R)	Senior/Key Person Name (prefix, first name, middle name, last name, suffix)	5.6.2.1		N	N	E	For first senior/key person with Project Role of PD/PI (for the PI listed on the SF 424 RR Cover only), must match Senior/Key Person form last name and first name.	The name given for the PD/PI for budget year <budget year> on the 424 RR Budget page (section A&B) does not match the name given for the PD/PI on the SF 424 RR Cover. <Organization Name>			
Budget, A&B, Year *x* (R&R)	Senior/Key Person Project Role	5.7.1		N	N	E	For budgets of type 'Project', there must be at least one record for the budget year with a project role of PD/PI.	There must be a Personnel entry (with a role of "PD/PI") listed for the PI or PD on the 424 RR Detailed Budget Page (section A&B) for budget year <budget year>.			
Budget, A&B, Year *x* (R&R)	Senior/Key Person Base Salary	5.8.1		N	N	E	Cannot be greater than 99,999,999.99.	The Base Salary for <Senior/Key Person First Name Last Name> on the 424 RR Budget page (section A&B) for Budget Year < Budget Year> exceeds the allowable amount for the agency.			
Budget, A&B, Year *x* (R&R)	Senior/Key Person Cal. Mos	5.9.1		N	N	E	For non-R13 submissions, a non-zero value for calendar months, academic months, *or* summer months is required for each senior/key person.	Senior/Key Person <First name Last name>, listed on the 424 RR Detailed Budget Page for budget year <budget year>, must include effort of a value greater than zero in calendar months, academic months, or summer months. **Note**: use either calendar months or a combination of academic and summer months. For			

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
								information about calculating person months, see http://grants.nih.gov/grants/policy/person_months_faqs.htm.			
Budget, A&B, Year *x* (R&R)	Senior/Key Person Cal. Mos	5.9.1.1		N	N	E	For non-R13 submissions , a non-zero value for calendar months, academic months, *or* summer months is required for each senior/key person.	Senior/Key Person <First name Last name>, listed on the 424 RR Detailed Budget Page for budget year <budget year>, must include effort of a value greater than zero in calendar months, academic months, or summer months. **Note**: use either calendar months or a combination of academic and summer months. For information about calculating person months, see http://grants.nih.gov/grants/policy/person_months_faqs.htm. <Organization Name>			
Budget, A&B, Year *x* (R&R)	Senior/Key Person Cal. Mos	5.9.2		N	N	E	For an R13 submission, a value for calendar months, academic months, *or* summer months is required for each senior/key person. The value may be zero.	Senior/Key Person <First name Last name>, listed on the 424 RR Detailed Budget Page for budget year <budget year>, must include effort (zero or greater) in calendar months, academic months, or summer months. **Note**: use either calendar months or a combination of academic and summer months. For information about calculating person months, see http://grants.nih.gov/grants/policy/person_months_faqs.htm.			
Budget, A&B, Year *x* (R&R)	Senior/Key Person Cal. Mos	5.9.2.1		N	N	E	For an R13 submission, a value for calendar months, academic months, *or* summer months is required for each senior/key person. The value may be zero.	Senior/Key Person <First name Last name>, listed on the 424 RR Detailed Budget Page for budget year <budget year>, must include effort (zero or greater) in calendar months, academic months, or summer months. **Note**: use either calendar months or a combination of academic and summer months. For information about calculating person			

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
								months, see http://grants.nih.gov/grants/policy/person_months_faqs.htm. <Organization Name>			
Budget, A&B, Year *x* (R&R)	Senior/Key Person acad. mos	5.10.1		N	N	W	Provide warning if both academic and calendar months have been provided for a person for a budget year.	Both academic and calendar months have been included for <Senior/Key Person First Name Last Name> for budget year <budget year> on the 424 RR Budget page (section A&B). Please use either calendar months or a combination of academic and summer months. If effort does not change throughout the year, use the calendar months column. If effort varies between academic and summer months, leave the calendar months column blank and use only the academic and summer month's columns.			
Budget, A&B, Year *x* (R&R)	Senior/Key Person acad. mos	5.10.1.1		N	N	W	Provide warning if both academic and calendar months have been provided for a person for a budget year.	Both academic and calendar months have been included for <Senior/Key Person First Name Last Name> for budget year <budget year> on the 424 RR Budget page (section A&B). Please use either calendar months or a combination of academic and summer months. If effort does not change throughout the year, use the calendar months column. If effort varies between academic and summer months, leave the calendar months column blank and use only the academic and summer month's columns. <Organization Name>			
Budget, A&B, Year *x* (R&R)	Senior/Key Person summer mos										
Budget, A&B, Year *x* (R&R)	Senior/Key Person Requested salary										
Budget,	Senior/Key	5.13.		N	N	E	Cannot be greater	The Fringe Benefit amount			

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
A&B, Year *x* (R&R)	Person Fringe benefits	1					than 99,999,999.99.	for <Senior/Key Person First Name Last Name> on the 424 RR Budget page (section A&B) for Budget Year < Budget Year> exceeds the allowable amount for the agency.			
Budget, A&B, Year *x* (R&R)	Senior/Key Person Funds Requested	5.14. 1		N	N	E	Must be equal to the sum of Requested Salary and Fringe Benefits for the Senior/Key Person for the budget year.	The Funds Requested for <Senior/Key Person First Name Last Name> on the 424 RR Budget page (section A&B) for Budget Year < Budget Year> does not equal the sum of the Requested Salary and the Fringe Benefits for the corresponding budget year.			
Budget, A&B, Year *x* (R&R)	Total funds requested for Senior Key Persons in attachment	5.15. 1		N	N	E	Required if Additional Senior Key Persons Attachment is included.	If the Additional Senior Key Persons Attachment is included, the total funds that are requested in the attachment must be provided on the 424 RR Budget Page.			
Budget, A&B, Year *x* (R&R)	Total Funds requested for all senior/key persons										
Budget, A&B, Year *x* (R&R)	Additional Senior Key Persons attachment	5.17. 1		N	N	E	Accept only if eight key personnel have been submitted on the budget page for this year.	An Additional Senior/Key Person attachment may be submitted on the 424 RR Budget page (section A&B) for budget year <budget year> only if eight senior/key persons have been submitted on the budget page.			
Budget, A&B, Year *x* (R&R)	Other Personnel, number of personnel)										
Budget, A&B, Year *x* (R&R)	Other Personnel (Project Role)										
Budget, A&B, Year *x* (R&R)	Other Personnel (Cal. Mos)										
Budget, A&B, Year *x* (R&R)	Other Personnel (acad. mos)										
Budget, A&B, Year *x*	Other Personnel										

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
(R&R)	(summer mos)										
Budget, A&B, Year *x* (R&R)	Other Personnel (Requested salary)										
Budget, A&B, Year *x* (R&R)	Other Personnel (Fringe benefits)										
Budget, A&B, Year *x* (R&R)	Other Personnel (Funds Requested)										
Budget, A&B, Year *x* (R&R)	Total number other personnel										
Budget, A&B, Year *x* (R&R)	Total Funds Requested other personnel										
Budget, A&B, Year *x* (R&R)	Total salary, wages and fringe benefits	5.28.1		N	N	E	Must equal the sum of Total Funds requested for all senior/key persons and Total Funds Requested other personnel	The Total Salary, Wages and Fringe Benefits for Budget Year <Budget Year> on the 424 RR Budget page (section A&B) does not equal the sum of Total Funds requested for all senior/key persons and Total Funds Requested for other personnel			

Budget, C, D, E, Year X (R&R)

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
Budget, C, D, E, Year *x* (R&R)	Equipment description, equipment item										
Budget, C, D, E, Year *x* (R&R)	Equipment description, funds req.										
Budget, C, D, E, Year *x* (R&R)	Equipment description, total funds requested in attachment										
Budget, C, D, E, Year *x* (R&R)	Equipment description, total equipment										
Budget, C, D, E, Year *x* (R&R)	Additional equipment attachment										
Budget, C, D, E, Year *x* (R&R)	Travel, domestic travel costs										
Budget, C, D, E, Year *x* (R&R)	Travel, foreign travel costs										
Budget, C, D, E, Year *x* (R&R)	Total travel cost										
Budget, C, D, E, Year *x* (R&R)	Participant/trainee support costs: tuition										
Budget, C, D, E, Year *x* (R&R)	Participant/trainee support costs: stipends										
Budget, C, D, E, Year *x* (R&R)	Participant/trainee support costs: travel										
Budget, C, D, E, Year *x* (R&R)	Participant/trainee support costs: subsistence										
Budget, C, D, E, Year *x* (R&R)	Participant/trainee support costs: other										

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
Budget, C, D, E, Year *x* (R&R)	Participant/trainee support costs: description of other										
Budget, C, D, E, Year *x* (R&R)	Participant/trainee support costs: Number of Participants/Trainees										
Budget, C, D, E, Year *x* (R&R)	Participant/trainee support costs: Total Participant/Trainee Support Costs										

Budget, F-K, Year X (R&R)

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
Budget, F-K, Year *x* (R&R)	Other Direct Costs (materials & supplies)										
Budget, F-K, Year *x* (R&R)	Other Direct Costs (Publication Costs)										
Budget, F-K, Year *x* (R&R)	Other Direct Costs (Consultant Services)										
Budget, F-K, Year *x* (R&R)	Other Direct Costs (ADP/Computer Services)										
Budget, F-K, Year *x* (R&R)	Other Direct Costs (Subawards/ Consortium/Contractual Costs)	5.47.1		N	N	W	Provide warning for Project budget if Consortium cost is Null or '0' and a subaward exists for the application	For Budget period <budget year>, a Subaward/Consortium Cost should be provided as at least one Subaward/Consortium Budget form is included in the application.			
Budget, F-K, Year *x* (R&R)	Other Direct Costs (Equipment or Facility Rental/User Fees)										
Budget, F-K, Year *x* (R&R)	Other Direct Costs (Alterations and Renovations)										
Budget, F-K, Year *x* (R&R)	Other Direct Costs (other description 1)										
Budget, F-K, Year *x* (R&R)	Other Direct Costs (other1 funds requested)										
Budget, F-K, Year *x* (R&R)	Other Direct Costs (other description 2)										
Budget, F-	(other2 funds										

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
K, Year *x* (R&R)	requested)										
Budget, F-K, Year *x* (R&R)	Other Direct Costs (other description 3)										
Budget, F-K, Year *x* (R&R)	(other3 funds requested)										
Budget, F-K, Year *x* (R&R)	Other Direct Costs, Total Other Direct Costs	7.14.1		N	N	E	Must be equal to the sum of other direct costs for the budget year.	The Total Other Direct Costs for Budget Year <Budget Year> on the 424 RR Budget page (section F-K) does not equal the sum of other direct costs for all categories for the corresponding budget year.			
Budget, F-K, Year *x* (R&R)	Total Direct Costs (A-F)	7.15.1		N	N	E	Required.	The Total Direct Costs Funds Requested for Year *x* is required on the 424 RR Budget page (section F-K).			
Budget, F-K, Year *x* (R&R)	Total Direct Costs (A-F)	7.15.2		N	N	E	Must be equal to the sum of total salary, wages and fringe benefits, total funds requested for equipment, total travel cost, total participant/trainee support costs, and total other direct costs	The Total Direct Costs for A-F for Budget Year <Budget Year> on the 424 RR Budget page (section F-K) does not equal the sum of direct costs for Sections A-F.			
Budget, F-K, Year *x* (R&R)	Total Direct Costs (A-F)	7.15.4		N	N	W	For an S11 submission, provide a warning on a subaward budget if this is greater than $75K.	The total cost per year for a subaward budget should not be greater than $75K. The application will be processed, but a concern may be raised during review.			
Budget, F-K, Year *x* (R&R)	Total Direct Costs (A-F)	7.15.5		N	N	W	For a G11 submission, provide a warning if subtotal direct costs for budget year 1 is greater than $60K. Calculate subtotal direct costs as follows: Total Direct Costs (A-F) *minus* the sum of Total Indirect Costs for all budgets for the corresponding year with budget type	Direct cost requests (on the 424 RR Budget page section F-K) for the first budget year should not be greater than $60K. The application will be processed, but concerns may be raised during review.			

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
							'subaward/consortium' .				
Budget, F-K, Year *x* (R&R)	Total Direct Costs (A-F)	7.15.6		N	N	E	For a G13 submission, subtotal direct costs on the project budget cannot be greater than 50k. Calculate subtotal direct costs as follows: Total Direct Costs (A-F) *minus* the sum of Total Indirect Costs for all budgets for the corresponding year with budget type 'subaward/consortium' .	Direct cost requests (on the 424 RR Budget page section F-K) cannot be greater than $50K.			
Budget, F-K, Year *x* (R&R)	Total Direct Costs (A-F)	7.15.7		N	Y Standard	W	For non-SBIR/STTR submissions, non-S21 or S22 submissions, and submissions that are not in response to an RFA, provide warning if subtotal direct costs for *any* budget year is >= 500K (Calculate subtotal direct costs as follows: Total Direct Costs (A-F) *minus* the sum of Total Indirect Costs for all budgets for the corresponding year with budget type 'subaward/consortium' .	Direct cost requests (on the 424 RR Budget page section F-K) >=$500k a year need agreement from ICs, except for RFAs or PAs with budgetary limits. Applications without such approval may be delayed or not accepted for review.			
Budget, F-K, Year *x* (R&R)	Total Direct Costs (A-F)	7.15.9		N	N	W	For K12 and KM1 provide warning if subtotal direct costs for *any* budget year is >= 500K. Calculate subtotal direct costs as follows: Total Direct Costs (A-F) *minus* the sum of Total Indirect Costs for all budgets for the corresponding year with budget type 'subaward/consortium' .	The Total Direct Cost Provided in the SF424 RR Budget might be in excess of the amount allowed. Please refer to the FOA for Budget limitations and special approval required.			
Budget, F-K, Year *x* (R&R)	Indirect Costs, Indirect Cost	7.16.1		Y			Allow submissions to come in with no indirect costs.				

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
	Type						(Minimum Validations)				
Budget, F-K, Year *x* (R&R)	Indirect Costs, Indirect Cost Rate	7.17.1		N	N	W	Provide warning if less than 1.	The Indirect Cost Rate (on the 424 RR Budget page section F-K) is less than 1 for budget Year <Budget Year>. Please note that this figure represents a percentage (e.g., '25.5', not '.255').			
Budget, F-K, Year *x* (R&R)	Indirect Costs, Indirect Cost Base	7.18.1		N	N	E	Provide an error if included on a G08, S21, or S22 application.	No indirect cost base may be included for this application on the 424 RR Budget page section F-K, budget year <budget year>.			
Budget, F-K, Year *x* (R&R)	Indirect Costs, Funds Requested	7.19.1		N	N	E	Provide an error if included on a G08, S21, or S22 application.	No indirect cost funds may be requested for this application on the 424 RR Budget page section F-K, budget year <budget year>.			
Budget, F-K, Year *x* (R&R)	Indirect Costs, Cognizant Federal Agency										
Budget, F-K, Year *x* (R&R)	Total Indirect Costs	7.21.1		N	N	E	Must be equal to funds requested for all indirect cost types	The Total Indirect Costs for Budget Year <Budget Year> on the 424 RR Budget page (section F-K) does not equal the sum of indirect costs for each indirect cost type.			
Budget, F-K, Year *x* (R&R)	Total Direct and Indirect Costs	7.22.1		N	N	E	Required	The Total Direct and Indirect Costs Funds Requested for Year *x* is required on the 424 RR Budget page (section F-K).			
Budget, F-K, Year *x* (R&R)	Total Direct and Indirect Costs	7.22.2		N	N	E	Must be equal to the sum of Total Direct Costs and Total Indirect Costs	The Total Direct and Indirect Institutional Costs on the 424 RR Budget page (section F-K) is not equal to the sum of Total Other Direct Costs and Total Indirect Costs.			
Budget, F-K, Year *x* (R&R)	Fee	7.23.1		N	N	E	A fee cannot be entered for a subaward/consortium budget.	A fee has been entered for year <*x*> of the budget for <organization name> on the 424 RR Budget page (section F-K). Fees are not allowed for subaward/consortium			

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
								budgets.			

Cumulative Budget (R&R)

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
Cumulative Budget (R&R)	Section A, Senior/Key Person Total										
Cumulative Budget (R&R)	Section B, Other Personnel Total										
Cumulative Budget (R&R)	Total Number other personnel										
Cumulative Budget (R&R)	Total Salary, Wages, and Fringe Benefits										
Cumulative Budget (R&R)	Section C, Equipment Totals										
Cumulative Budget (R&R)	Section D, Travel, Total										
Cumulative Budget (R&R)	Section D, Travel, Domestic										
Cumulative Budget (R&R)	Section D, Travel, Foreign										
Cumulative Budget (R&R)	Section E, Participant/Trainee, Total										
Cumulative Budget (R&R)	Section E, Participant/Trainee, Tuition, Fees, Health Insurance										
Cumulative Budget (R&R)	Section E, Participant/Trainee, Stipends										
Cumulative Budget (R&R)	Section E, Participant/Trainee, Travel										
Cumulative Budget (R&R)	Section E, Participant/Trainee,										

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
	Subsistence										
Cumulative Budget (R&R)	Section E, Participant/Trainee, Other										
Cumulative Budget (R&R)	Section E, Participant/Trainee, Number										
Cumulative Budget (R&R)	Section F, Other Direct Costs, Total										
Cumulative Budget (R&R)	Section F, Other Direct Costs, Materials and Supplies										
Cumulative Budget (R&R)	Section F, Other Direct Costs, Publication Costs										
Cumulative Budget (R&R)	Section F, Other Direct Costs, Consultant Services										
Cumulative Budget (R&R)	Section F, Other Direct Costs, ADP/Computer Services										
Cumulative Budget (R&R)	Section F, Other Direct Costs, sub, consortium, contractual										
Cumulative Budget (R&R)	Section F, Other Direct Costs, Equip or facility rental										
Cumulative Budget (R&R)	Section F, Other Direct Costs, Alterations and Renovations										
Cumulative Budget	Section F, Other Direct										

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
(R&R)	Costs, other										
Cumulative Budget (R&R)	Section G, Direct Costs (A-F), total	8.25.1		N	N	E	Required.	The 424 RR Cumulative Budget Direct Costs is required.			
Cumulative Budget (R&R)	Section G, Direct Costs (A-F), total	8.25.2		N	N	E	Must be equal to the sum of Total Direct Costs for every budget year for this budget.	The 424 RR Cumulative Budget Total Direct Costs does not equal the sum of Total Direct Costs for all budget years.			
Cumulative Budget (R&R)	Section G, Direct Costs (A-F), total	8.25.3		N	N	E	For a G08 submission with one budget period, must be less than or equal to $150k.	The 424 RR Cumulative Budget Total Direct Costs cannot exceed $150k if one budget period has been included.			
Cumulative Budget (R&R)	Section G, Direct Costs (A-F), total	8.25.4		N	N	E	For a G08 submission with two budget periods, must be less than or equal to $300k.	The 424 RR Cumulative Budget Total Direct Costs cannot exceed $300k if two budget periods have been included.			
Cumulative Budget (R&R)	Section G, Direct Costs (A-F), total	8.25.5		N	N	E	For a G08 submission with three budget periods, must be less than or equal to $450k.	The 424 RR Cumulative Budget Total Direct Costs cannot exceed $450k if three budget periods have been included.			
Cumulative Budget (R&R)	Section H, Indirect Costs	8.26.1		N	N	E	Must be equal to the sum of Total Indirect Costs for every budget year for this budget.	The 424 RR Cumulative Budget Total Indirect Costs does not equal the sum of Total Indirect Costs for all budget years.			
Cumulative Budget (R&R)	Section I, Total Direct and Indirect Costs	8.27.1		N	N	E	Required	The 424 RR Cumulative Budget Total Direct and Indirect Costs is required.			
Cumulative Budget (R&R)	Section I, Total Direct and Indirect Costs	8.27.2		N	N	E	Must be equal to the sum of Total Direct and Indirect Costs for every budget year for this budget.	The 424 RR Cumulative Budget Total Direct and Indirect Costs does not equal the sum of Total Direct and Indirect Costs for all budget years.			
Cumulative Budget (R&R)	Section J, Fee										
Cumulative Budget (R&R)	Budget Justification (attachment)										

R&R Budget (10 Year)

Budget, A&B, Year X (R&R)

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
Budget, A&B, Year *x* (R&R)							Unless specifically stated, all project budget validations also apply to the subaward budget.		In mapping, assign a budget period ID based on the year of the budget.		
Budget, A&B, Year *x* (R&R)		5.0.1		Y	N	E	Accept submission of modular budget or detailed budget, but not both (Minimum Validations)	Both a modular and a detailed budget have been included with this submission. One or the other may be submitted.			
Budget, A&B, Year *x* (R&R)		5.0.2		Y	N	E	Require a submission of either a modular budget or a detailed budget form. The following mechanisms are exempt from this validation: S10, X01, X02, C06, UC6, G20, DP1, DP2, DP3, F, all Ts, K12, KM1, D43, D71 and U2R. Type 3, 6 and 7 applications are excluded from this validation. (Minimum Validations)	You must include a budget component with this application.		Type 3, 6 and 7 exclusion is added for processing Change of Institution and Supplements only	
Budget, A&B, Year *x* (R&R)	Organizational DUNS	5.1									
Budget, A&B, Year *x* (R&R)	Budget type (project, subaward/consortium)	5.2									
Budget, A&B, Year *x* (R&R)	Name of organization (for subaward/consortium)	5.3					If multiple detailed budgets have been included in the submission, all budget error and warning messages should include the name of the organization for which the budget validation has failed.		Since there is a limit of 250 characters for the error message, put the organization name at the end of the message, and truncate if necessary.		

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
Budget, A&B, Year *x* (R&R)	Start Date	5.4									
Budget, A&B, Year *x* (R&R)	End Date	5.5									
Budget, A&B, Year *x* (R&R)	Senior/Key Person Name (prefix, first name, middle name, last name, suffix)	5.6.1		Y			Truncate if first or last name>30 chars, or if suffix>5 chars. (Minimum Validations)		Long-term, change in eRA db to 60 chars for last name, 35 for first name, 10 for suffix (all names in db)		
Budget, A&B, Year *x* (R&R)	Senior/Key Person Project Role	5.7									
Budget, A&B, Year *x* (R&R)	Senior/Key Person Base Salary	5.8									
Budget, A&B, Year *x* (R&R)	Senior/Key Person Cal. Mos	5.9									
Budget, A&B, Year *x* (R&R)	Senior/Key Person acad. mos	5.10									
Budget, A&B, Year *x* (R&R)	Senior/Key Person summer mos	5.11									
Budget, A&B, Year *x* (R&R)	Senior/Key Person Requested salary	5.12									
Budget, A&B, Year *x* (R&R)	Senior/Key Person Fringe benefits	5.13									
Budget, A&B, Year *x* (R&R)	Senior/Key Person Funds Requested	5.14									
Budget, A&B, Year *x* (R&R)	Total funds requested for Senior Key Persons in attachment	5.15									
Budget, A&B, Year *x* (R&R)	Total Funds requested for all senior/key persons	5.16									
Budget,	Additional	5.17									

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
A&B, Year *x* (R&R)	Senior Key Persons attachment										
Budget, A&B, Year *x* (R&R)	Other Personnel, number of personnel)	5.18									
Budget, A&B, Year *x* (R&R)	Other Personnel (Project Role)	5.19									
Budget, A&B, Year *x* (R&R)	Other Personnel (Cal. Mos)	5.20									
Budget, A&B, Year *x* (R&R)	Other Personnel (acad. mos)	5.21									
Budget, A&B, Year *x* (R&R)	Other Personnel (summer mos)	5.22									
Budget, A&B, Year *x* (R&R)	Other Personnel (Requested salary)	5.23									
Budget, A&B, Year *x* (R&R)	Other Personnel (Fringe benefits)	5.24									
Budget, A&B, Year *x* (R&R)	Other Personnel (Funds Requested)	5.25									
Budget, A&B, Year *x* (R&R)	Total number other personnel	5.26									
Budget, A&B, Year *x* (R&R)	Total Funds Requested other personnel	5.27									
Budget, A&B, Year *x* (R&R)	Total salary, wages and fringe benefits	5.28									

Budget, C, D, E, Year X (R&R)

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
Budget, C, D, E, Year *x* (R&R)	Equipment description, equipment item										
Budget, C, D, E, Year *x* (R&R)	Equipment description, funds req.										
Budget, C, D, E, Year *x* (R&R)	Equipment description, total funds requested in attachment										
Budget, C, D, E, Year *x* (R&R)	Equipment description, total equipment										
Budget, C, D, E, Year *x* (R&R)	Additional equipment attachment										
Budget, C, D, E, Year *x* (R&R)	Travel, domestic travel costs										
Budget, C, D, E, Year *x* (R&R)	Travel, foreign travel costs										
Budget, C, D, E, Year *x* (R&R)	Total travel cost										
Budget, C, D, E, Year *x* (R&R)	Participant/trainee support costs: tuition										
Budget, C, D, E, Year *x* (R&R)	Participant/trainee support costs: stipends										
Budget, C, D, E, Year *x* (R&R)	Participant/trainee support costs: travel										
Budget, C, D, E, Year *x* (R&R)	Participant/trainee support costs: subsistence										
Budget, C, D, E, Year *x* (R&R)	Participant/trainee support costs: other										

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
Budget, C, D, E, Year *x* (R&R)	Participant/trainee support costs: description of other										
Budget, C, D, E, Year *x* (R&R)	Participant/trainee support costs: Number of Participants/Trainees										
Budget, C, D, E, Year *x* (R&R)	Participant/trainee support costs: Total Participant/Trainee Support Costs										

Budget, F-K, Year X (R&R)

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
Budget, F-K, Year *x* (R&R)	Other Direct Costs (materials & supplies)										
Budget, F-K, Year *x* (R&R)	Other Direct Costs (Publication Costs)										
Budget, F-K, Year *x* (R&R)	Other Direct Costs (Consultant Services)										
Budget, F-K, Year *x* (R&R)	Other Direct Costs (ADP/Computer Services)										
Budget, F-K, Year *x* (R&R)	Other Direct Costs (Subawards/ Consortium/Contractual Costs)										
Budget, F-K, Year *x* (R&R)	Other Direct Costs (Equipment or Facility Rental/User Fees)										
Budget, F-K, Year *x* (R&R)	Other Direct Costs (Alterations and Renovations)										
Budget, F-K, Year *x* (R&R)	Other Direct Costs (other description 1)										
Budget, F-K, Year *x* (R&R)	Other Direct Costs (other1 funds requested)										
Budget, F-K, Year *x* (R&R)	Other Direct Costs (other description 2)										
Budget, F-K, Year *x* (R&R)	(other2 funds requested)										

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
Budget, F-K, Year *x* (R&R)	Other Direct Costs (other description 3)										
Budget, F-K, Year *x* (R&R)	(other3 funds requested)										
Budget, F-K, Year *x* (R&R)	Other Direct Costs, Total Other Direct Costs										
Budget, F-K, Year *x* (R&R)	Total Direct Costs (A-F)										
Budget, F-K, Year *x* (R&R)	Total Direct Costs (A-F)										
Budget, F-K, Year *x* (R&R)	Total Direct Costs (A-F)										
Budget, F-K, Year *x* (R&R)	Total Direct Costs (A-F)										
Budget, F-K, Year *x* (R&R)	Total Direct Costs (A-F)										
Budget, F-K, Year *x* (R&R)	Total Direct Costs (A-F)										
Budget, F-K, Year *x* (R&R)	Total Direct Costs (A-F)										
Budget, F-K, Year *x* (R&R)	Total Direct Costs (A-F)										
Budget, F-K, Year *x* (R&R)	Total Direct Costs (A-F)										
Budget, F-K, Year *x* (R&R)	Total Direct Costs (A-F)										
Budget, F-K, Year *x* (R&R)	Indirect Costs, Indirect Cost Type	7.16.1		Y			Allow submissions to come in with no indirect costs. (Minimum Validations)				
Budget, F-K, Year *x* (R&R)	Indirect Costs, Indirect Cost Rate										

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
Budget, F-K, Year *x* (R&R)	Indirect Costs, Indirect Cost Rate										
Budget, F-K, Year *x* (R&R)	Indirect Costs, Indirect Cost Base										
Budget, F-K, Year *x* (R&R)	Indirect Costs, Funds Requested										
Budget, F-K, Year *x* (R&R)	Indirect Costs, Cognizant Federal Agency										
Budget, F-K, Year *x* (R&R)	Total Indirect Costs										
Budget, F-K, Year *x* (R&R)	Total Direct and Indirect Costs										
Budget, F-K, Year *x* (R&R)	Total Direct and Indirect Costs										
Budget, F-K, Year *x* (R&R)	Fee										

Cumulative Budget (R&R)

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
Cumulative Budget (R&R)	Section A, Senior/Key Person Total										
Cumulative Budget (R&R)	Section B, Other Personnel Total										
Cumulative Budget (R&R)	Total Number other personnel										
Cumulative Budget (R&R)	Total Salary, Wages, and Fringe Benefits										
Cumulative Budget (R&R)	Section C, Equipment Totals										
Cumulative Budget (R&R)	Section D, Travel, Total										
Cumulative Budget (R&R)	Section D, Travel, Domestic										
Cumulative Budget (R&R)	Section D, Travel, Foreign										
Cumulative Budget (R&R)	Section E, Participant/Trainee, Total										
Cumulative Budget (R&R)	Section E, Participant/Trainee, Tuition, Fees, Health Insurance										
Cumulative Budget (R&R)	Section E, Participant/Trainee, Stipends										
Cumulative Budget (R&R)	Section E, Participant/Trainee, Travel										
Cumulative Budget (R&R)	Section E, Participant/Trainee,										

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
	Subsistence										
Cumulative Budget (R&R)	Section E, Participant/Trainee, Other										
Cumulative Budget (R&R)	Section E, Participant/Trainee, Number										
Cumulative Budget (R&R)	Section F, Other Direct Costs, Total										
Cumulative Budget (R&R)	Section F, Other Direct Costs, Materials and Supplies										
Cumulative Budget (R&R)	Section F, Other Direct Costs, Publication Costs										
Cumulative Budget (R&R)	Section F, Other Direct Costs, Consultant Services										
Cumulative Budget (R&R)	Section F, Other Direct Costs, ADP/Computer Services										
Cumulative Budget (R&R)	Section F, Other Direct Costs, sub, consortium, contractual										
Cumulative Budget (R&R)	Section F, Other Direct Costs, Equip or facility rental										
Cumulative Budget (R&R)	Section F, Other Direct Costs, Alterations and Renovations										
Cumulative Budget	Section F, Other Direct										

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
(R&R)	Costs, other										
Cumulative Budget (R&R)	Section G, Direct Costs (A-F), total										
Cumulative Budget (R&R)	Section G, Direct Costs (A-F), total										
Cumulative Budget (R&R)	Section G, Direct Costs (A-F), total										
Cumulative Budget (R&R)	Section G, Direct Costs (A-F), total										
Cumulative Budget (R&R)	Section G, Direct Costs (A-F), total										
Cumulative Budget (R&R)	Section H, Indirect Costs										
Cumulative Budget (R&R)	Section I, Total Direct and Indirect Costs										
Cumulative Budget (R&R)	Section I, Total Direct and Indirect Costs										
Cumulative Budget (R&R)	Section J, Fee										
Cumulative Budget (R&R)	Budget Justification (attachment)										

Construction Budget (R&R)

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
Construction Budget (R&R)	Administration and Legal Expenses, Total Cost								These will have one budget period only. It should be mapped with the same start and end date as the project period.		
Construction Budget (R&R)	Administration and Legal Expenses, Costs Not Allowable for Participation										
Construction Budget (R&R)	Administration and Legal Expenses, Total Allowable Costs	9.3.1		N	N	E	Provide error if not equal to column A (Total Cost) minus column B (Costs Not Allowable for Participation).	The Total Allowable Costs for Administration and Legal Expenses (Construction Budget) must be equal to the difference of columns A (Total Cost) and B (Costs Not Allowable for Participation)			
Construction Budget (R&R)	Land, Structures, Rights-of-way, etc., Total Cost										
Construction Budget (R&R)	Land, Structures, Rights-of-way, etc., Costs Not Allowable for Participation										
Construction Budget (R&R)	Land, Structures, Rights-of-way, etc., Total Allowable Costs	9.6.1		N	N	E	Provide error if not equal to column A (Total Cost) minus column B (Costs Not Allowable for Participation).	The Total Allowable Costs for Land, Structures, Rights-of-way, Appraisals, etc., (Construction Budget) must be equal to the difference of columns A (Total Cost) and B (Costs Not Allowable for Participation)			
Construction Budget (R&R)	Relocation Expenses and Payments, Total Cost										
Construction Budget	Relocation Expenses										

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
(R&R)	and Payments, Costs Not Allowable for Participation										
Constructio n Budget (R&R)	Relocation Expenses and Payments, Total Allowable Costs	9.9.1		N	N	E	Provide error if not equal to column A (Total Cost) minus column B (Costs Not Allowable for Participation).	The Total Allowable Costs for Relocation Expenses and Payments (Construction Budget) must be equal to the difference of columns A (Total Cost) and B (Costs Not Allowable for Participation)			
Constructio n Budget (R&R)	Architectural and Engineering Fees, Total Cost										
Constructio n Budget (R&R)	Architectural and Engineering Fees, Costs Not Allowable for Participation										
Constructio n Budget (R&R)	Architectural and Engineering Fees, Total Allowable Costs	9.12.1		N	N	E	Provide error if not equal to column A (Total Cost) minus column B (Costs Not Allowable for Participation).	The Total Allowable Costs for Architectural and Engineering Fees (Construction Budget) must be equal to the difference of columns A (Total Cost) and B (Costs Not Allowable for Participation)			
Constructio n Budget (R&R)	Other Architectural and Engineering Fees, Total Cost										
Constructio n Budget (R&R)	Other Architectural and Engineering Fees, Costs Not Allowable for Participation										
Constructio n Budget (R&R)	Other Architectural and Engineering Fees, Total	9.15.1		N	N	E	Provide error if not equal to column A (Total Cost) minus column B (Costs Not Allowable for	The Total Allowable Costs for Other Architectural and Engineering Fees (Construction Budget) must be equal to the difference of			

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
	Allowable Costs						Participation).	columns A (Total Cost) and B (Costs Not Allowable for Participation)			
Construction Budget (R&R)	Project Inspection Fees, Total Cost										
Construction Budget (R&R)	Project Inspection Fees, Costs Not Allowable for Participation										
Construction Budget (R&R)	Project Inspection Fees, Total Allowable Costs	9.18.1		N	N	E	Provide error if not equal to column A (Total Cost) minus column B (Costs Not Allowable for Participation).	The Total Allowable Costs for Project Inspection Fees (Construction Budget) must be equal to the difference of columns A (Total Cost) and B (Costs Not Allowable for Participation)			
Construction Budget (R&R)	Site Work, Total Cost										
Construction Budget (R&R)	Site Work, Costs Not Allowable for Participation										
Construction Budget (R&R)	Site Work, Total Allowable Costs	9.21.1		N	N	E	Provide error if not equal to column A (Total Cost) minus column B (Costs Not Allowable for Participation).	The Total Allowable Costs for Site Work (Construction Budget) must be equal to the difference of columns A (Total Cost) and B (Costs Not Allowable for Participation)			
Construction Budget (R&R)	Demolition and Removal, Total Cost										
Construction Budget (R&R)	Demolition and Removal, Costs Not Allowable for Participation										
Construction Budget (R&R)	Demolition and Removal, Total Allowable Costs	9.24.1		N	N	E	Provide error if not equal to column A (Total Cost) minus column B (Costs Not Allowable for Participation).	The Total Allowable Costs for Demolition and Removal (Construction Budget) must be equal to the difference of columns A (Total Cost) and B (Costs Not Allowable for Participation)			
Constructio	Construction,										

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
n Budget (R&R)	Total Cost										
Constructio n Budget (R&R)	Construction, Costs Not Allowable for Participation										
Constructio n Budget (R&R)	Construction, Total Allowable Costs	9.27.1		N	N	E	Provide error if not equal to column A (Total Cost) minus column B (Costs Not Allowable for Participation).	The Total Allowable Costs for Construction (Construction Budget) must be equal to the difference of columns A (Total Cost) and B (Costs Not Allowable for Participation)			
Constructio n Budget (R&R)	Equipment, Total Cost										
Constructio n Budget (R&R)	Equipment, Costs Not Allowable for Participation										
Constructio n Budget (R&R)	Equipment, Total Allowable Costs	9.30.1		N	N	E	Provide error if not equal to column A (Total Cost) minus column B (Costs Not Allowable for Participation).	The Total Allowable Costs for Equipment (Construction Budget) must be equal to the difference of columns A (Total Cost) and B (Costs Not Allowable for Participation)			
Constructio n Budget (R&R)	Miscellaneou s, Total Cost										
Constructio n Budget (R&R)	Miscellaneou s, Costs Not Allowable for Participation										
Constructio n Budget (R&R)	Miscellaneou s, Total Allowable Costs	9.33.1		N	N	E	Provide error if not equal to column A (Total Cost) minus column B (Costs Not Allowable for Participation).	The Total Allowable Costs for Miscellaneous (Construction Budget) must be equal to the difference of columns A (Total Cost) and B (Costs Not Allowable for Participation)			
Constructio n Budget (R&R)	Subtotal 1, Total Cost	9.34.1		N	N	E	Provide error if not equal to the sum of lines 1-11, Total Cost	The Total Cost Subtotal on the Construction Budget must be equal to the sum of total costs for all Administration and Legal Expenses entries			
Constructio n Budget (R&R)	Subtotal 1, Costs Not Allowable for Participation	9.35.1		N	N	E	Provide error if not equal to the sum of lines 1-11, Costs Not Allowable for Participation	The Costs Not Allowable for Participation Subtotal on the Construction Budget must be equal to the sum of all Administration and Legal			

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
								Expenses entries			
Construction Budget (R&R)	Subtotal 1, Total Allowable Costs	9.36.1		N	N	E	Provide error if not equal to column A (Total Cost) minus column B (Costs Not Allowable for Participation).	The Total Allowable Costs Subtotal on the Construction Budget must be equal to the difference of columns A (Total Cost) and B (Costs Not Allowable for Participation)			
Construction Budget (R&R)	Subtotal 1, Total Allowable Costs	9.36.2		N	N	E	Provide error if not equal to the sum of lines 1-11, Total Allowable costs	The Total Allowable Costs Subtotal on the Construction Budget must be equal to the sum of all Administration and Legal Expenses entries			
Construction Budget (R&R)	Contingencies, Total Cost										
Construction Budget (R&R)	Contingencies, Costs Not Allowable for Participation										
Construction Budget (R&R)	Contingencies, Total Allowable Costs	9.39.1		N	N	E	Provide error if not equal to column A (Total Cost) minus column B (Costs Not Allowable for Participation).	The Total Allowable Costs for Contingencies on the Construction Budget must be equal to the difference of columns A (Total Cost) and B (Costs Not Allowable for Participation)			
Construction Budget (R&R)	Subtotal 2, Total Cost	9.40.1		N	N	E	Provide error if not equal to the sum of lines 12 and 13, Total Cost	The Total Cost Subtotal on the Construction Budget must be equal to the sum of Contingencies and the subtotal of all Administration and Legal Expenses entries			
Construction Budget (R&R)	Subtotal 2, Costs Not Allowable for Participation	9.41.1		N	N	E	Provide error if not equal to the sum of lines 12 and 13, Costs Not Allowable for Participation	The Costs Not Allowable for Participation Subtotal on the Construction Budget must be equal to the sum of Contingencies and the subtotal of all Administration and Legal Expenses entries			
Construction Budget (R&R)	Subtotal 2, Total Allowable Costs	9.42.1		N	N	E	Provide error if not equal to column A (Total Cost) minus column B (Costs Not Allowable for Participation).	The Total Allowable Costs Subtotal on the Construction Budget must be equal to the difference of columns A (Total Cost) and B (Costs Not Allowable for Participation)			
Construction Budget (R&R)	Subtotal 2, Total Allowable Costs	9.42.2		N	N	E	Provide error if not equal to the sum of lines 12 and 13, Total Allowable Costs	The Total Allowable Costs Subtotal on the Construction Budget must be equal to the sum of Contingencies and the subtotal of all			

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
								Administration and Legal Expenses entries			
Construction Budget (R&R)	Project (Program) Income, Total Cost										
Construction Budget (R&R)	Project (Program) Income, Costs Not Allowable for Participation										
Construction Budget (R&R)	Project (Program) Income, Total Allowable Costs	9.45.1		N	N	E	Provide error if not equal to column A (Total Cost) minus column B (Costs Not Allowable for Participation).	The Project (Program) Income, Total Allowable Costs on the Construction Budget must be equal to the difference of columns A (Total Cost) and B (Costs Not Allowable for Participation)			
Construction Budget (R&R)	Total Project Costs, Total Cost	9.46.1		N	N	E	Provide error if not equal to line 14 minus line 15, Total Cost	The Total Project Costs, Total Cost on the Construction Budget must be equal to the subtotal minus the Project Income.			
Construction Budget (R&R)	Total Project Costs, Costs Not Allowable for Participation	9.47.1		N	N	E	Provide error if not equal to line 14 minus line 15, Costs Not Allowable for Participation	The Total Project Costs, Costs Not Allowable for Participation on the Construction Budget must be equal to the subtotal minus the Project Income.			
Construction Budget (R&R)	Total Project Costs, Total Allowable Costs	9.48.1		N	N	E	Provide error if not equal to column A (Total Cost) minus column B (Costs Not Allowable for Participation).	The Total Project Costs, Total Allowable Costs on the Construction Budget must be equal to the difference of columns A (Total Cost) and B (Costs Not Allowable for Participation)	Map to appls_t.total_period_amt and appl_periods_t.direct_cost_amt		
Construction Budget (R&R)	Total Project Costs, Total Allowable Costs	9.48.2		N	N	E	Provide error if not equal to line 14 minus line 15, Total Allowable Costs	The Total Project Costs, Total Allowable Costs on the Construction Budget must be equal to the subtotal minus the Project Income.			
Construction Budget (R&R)	Federal Funding										
Construction Budget (R&R)	Federal Assistance Requested										

Cover Page Supplement (NIH)

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
Cover Page Supplement (NIH)	PD/PI Information (prefix, first, middle, last, suffix)	11.1.1					Read only, pulled from R&R				
Cover Page Supplement (NIH)	Human Subjects Clinical Trial (Y/N)	11.4.1		N	N	E	If the application includes the 398 Cover Page Supplement form, an answer is required if the answer to 'Human Subjects Involved' is "Yes".	The Human Subjects Clinical Trial question on the PHS 398 Cover Page Supplement must be answered if the answer to 'Human Subjects Involved' on the Other Project Information page is "Yes".			
Cover Page Supplement (NIH)	Human Subjects Clinical Trial (Y/N)	11.4.2		N	N	E	If Human Subjects NIH-Defined Phase III Clinical Trial is true, must be true.	The Human Subjects Clinical Trial question on the PHS 398 Cover Page Supplement must be "Yes" if the answer to Human Subjects NIH-Defined Phase III Clinical Trial is "Yes.			
Cover Page Supplement (NIH)	Human Subjects Clinical Trial (Y/N)	11.4.3		N	N	W	For S10 application, provide a warning if this is true.	The answer to the Human Subjects Clinical Trial question on the PHS 398 Cover Page Supplement should not be 'Yes'. The application will be processed, but a concern may be raised during review.			
Cover Page Supplement (NIH)	Human Subjects NIH-Defined Phase III Clinical Trial (Y/N)	11.5.1		N	N	E	An answer is required if the answer to 'Human Subjects Clinical Trial' is "Yes".	The Human Subjects NIH-Defined Phase III Clinical Trial question on the PHS 398 Cover Page Supplement must be answered if the answer to the Human Subjects Clinical Trial question is "Yes"			
Cover Page Supplement (NIH)	Human Subjects NIH-Defined Phase III Clinical Trial (Y/N)	11.5.2		N	N	E	If Human Subjects Clinical Trial is false, must be false	The Human Subjects NIH-Defined Phase III Clinical Trial on the PHS 398 Cover Page Supplement must be "No" if the answer to the Human Subjects Clinical Trial question is "No"			
Cover Page Supplement (NIH)	Disclosure Permission Statement	11.18.1	V2_0 / Forms C	N	N	E	An answer is required	An answer to the Disclosure Permission Statement question is required.			
Cover Page Supplement (NIH)	Program Income	11.19.1	V2_0 / Forms C	N	N	E	An answer is required	An answer to the Program Income question is required.			

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
Cover Page Supplement (NIH)	Program Income, Budget Period 1-5	11.20 .1	V2_0 / Forms C	N	N	E	Should only be completed if answer to Program Income Anticipated question was 'Y'.	If answer to Program Income Anticipated question is 'N', no program income detail may be entered.			
Cover Page Supplement (NIH)	Program Income, Budget Period 1	11.20 .2	V2_0 / Forms C	N	N	E	Provide error if provided for S10 application.	No program income may be included for S10 applications.			
Cover Page Supplement (NIH)	Program Income, Budget Period 1	11.20 .3	V2_0 / Forms C	N	N	E	The number of program income budget periods must be less than or equal to the number of budgets provided in the budget form.	Anticipated amount for program income has been provided for <x> budget periods. Only <y> periods of budgets were provided with this application.			
Cover Page Supplement (NIH)	Program Income, Anticipated Amount 1-5	11.21 .1	V2_0 / Forms C	N	N	E	Must be less than 10,000,000,000	The Program Income Anticipated Amount for budget period <budget period> exceeds the allowable amount for the agency.			
Cover Page Supplement (NIH)	Program Income, Sources 1-5	11.22	V2_0 / Forms C								
Cover Page Supplement (NIH)	Applicant Organization Contact Information	11.6	V1_4/ ADOBE Forms B				Read only, pulled from R&R				
Cover Page Supplement (NIH)	Applicant Organization Contact Title	11.7	V1_4/ ADOBE Forms B								
Cover Page Supplement (NIH)	Applicant Organization Contact Street Address (1 and 2)	11.8. 1	V1_4/ ADOBE Forms B	Y			If either line>50 characters, truncate. (Minimum Validations)				
Cover Page Supplement (NIH)	Applicant Organization Contact City	11.9	V1_4/ ADOBE Forms B								
Cover Page Supplement (NIH)	Applicant Organization Contact County/Parish	11.10	V1_4/ ADOBE Forms B								
Cover Page Supplement (NIH)	Applicant Organization Contact State	11.11 .1	V1_4/ ADOBE Forms B	Y	N	E	Required if country is US. (Minimum Validations)	The Applicant Organization State on the PHS 398 Cover Page Supplement must be supplied for US addresses.			

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
Cover Page Supplement (NIH)	Applicant Organization Contact State	11.11 .2	V1_4/ ADOBE Forms B	Y	N	E	If country is not US must be blank. (Minimum Validations)	The Applicant Organization State on the PHS 398 Cover Page Supplement should be blank for all countries other than the United States.			
Cover Page Supplement (NIH)	Applicant Organization Contact State	11.11 .3	V1_4/ ADOBE Forms B	Y	N	E	Transform state name to 2 char. abbreviation before validating and storing. If state name can't be transformed, give error. (Minimum Validations)	The Applicant Organization State on the PHS 398 Cover Page Supplement is not a valid state name.			
Cover Page Supplement (NIH)	Applicant Organization Contact Province	11.12 .1	V1_4/ ADOBE Forms B	Y	N	E	Required if country is Canada. (Minimum Validations)	The Applicant Organization Province must be supplied on the PHS 398 Cover Page Supplement for Canadian addresses.			
Cover Page Supplement (NIH)	Applicant Organization Contact Province	11.12 .2	V1_4/ ADOBE Forms B	Y	N	E	If country is not Canada must be blank. (Minimum Validations)	The Applicant Organization Province on the PHS 398 Cover Page Supplement should be blank for all countries other than Canada.			
Cover Page Supplement (NIH)	Applicant Organization Contact Province	11.12 .3	V1_4/ ADOBE Forms B	Y	N	E	Transform province name to 2 char. abbreviation before validating and storing. If province name can't be transformed, give error. (Minimum Validations)	The Applicant Organization Province on the PHS 398 Cover Page Supplement is not a valid province name.			
Cover Page Supplement (NIH)	Applicant Organization Contact Zip Code	11.13 .1	V1_4/ ADOBE Forms B	Y	N	E	Required if country is US. (Minimum Validations)	The Applicant Organization Zip Code on the PHS 398 Cover Page Supplement must be entered for US addresses.			
Cover Page Supplement (NIH)	Applicant Organization Contact Zip Code	11.13 .2	V1_4/ ADOBE Forms B	Y	N	E	Must be 5 or 9 numeric digits if country is US. (Minimum Validations)	The Applicant Organization Zip Code on the PHS 398 Cover Page Supplement must be entered in 5-digit or 9-digit format.			
Cover Page Supplement (NIH)	Applicant Organization Contact Zip Code	11.13 .3	V1_4/ ADOBE Forms B	Y			For country other than US, if >9 characters, truncate (remove any dashes before truncating). (Minimum Validations)				
Cover Page	Applicant	11.14	V1_4/	N	N	E	Must be a valid ISO	The Applicant Organization			

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
Supplement (NIH)	Organization Contact Country	.1	ADOBE Forms B				3166-1 alpha-3 country code.	country code provided (<Country>) on the PHS 398 Cover Page Supplement is not a valid ISO 3166-1 alpha-3 country code.			
Cover Page Supplement (NIH)	HESC Involved (Y/N)	11.15 .1		N	N	W	For S10 application, display a warning if this is true.	The answer to the HESC Involved question on the PHS 398 Cover Page Supplement should be 'No'. The application will be processed, but a concern may be raised during review.			
Cover Page Supplement (NIH)	HESC Involved (Y/N)	11.15 .2		N	N	E	A response is required for this element.	A response of 'Yes' or 'No' is required for the HESC Involved (Y/N) element on the PHS 398 Cover Page.			
Cover Page Supplement (NIH)	HESC Cell Lines	11.16 .1		Y	N	E	If HESC involved='Y', must include this or 'Can't be Referenced' (Minimum Validations)	If the answer to 'HESC involved' is "Yes" on the PHS 398 Cover Page Supplement, HESC Cell Lines must be included or the 'Can't be Referenced' checkbox must be checked.			
Cover Page Supplement (NIH)	HESC Cell Lines	11.16 .2		Y	N	E	If HESC involved='N', can't include this or 'Can't be Referenced' (Minimum Validations)	If the answer to 'HESC involved' is "No" on the PHS 398 Cover Page Supplement, HESC Cell Lines may not be included and the 'Can't be Referenced' checkbox must not be checked.			
Cover Page Supplement (NIH)	HESC Cell Lines	11.16 .3		Y	N	E	If specific stem cell line is included, provide error if stem cell line is not in eRA database or is marked as invalid. Comparison should not be case-sensitive. (Minimum Validations)	Stem cell line <cell line number> on the PHS Cover Page Supplement is invalid. The cell line must be an approved line on the NIH Registry: http://grants.nih.gov/stem_cells/ registry/current.htm			
Cover Page Supplement (NIH)	HESC Cell Lines	11.16 .4		N	N	E	If 'Can't Be Referenced' is checked, no other cell lines may be entered.	If the 'Can't be Referenced' checkbox is checked on the PHS 398 Cover Page Supplement, no other stem cell lines may be entered.			
Cover Page Supplement (NIH)	HESC 'can't be referenced' checkbox	11.17 .1		Y	N	E	If HESC involved='Y', must include this or 'HESC Cell Lines' (Minimum Validations)	If the answer to 'HESC involved' is "Yes" on the PHS 398 Cover Page Supplement, HESC Cell Lines must be included or the 'Can't be Referenced' checkbox must be checked.			
Cover Page	HESC 'can't	11.17		Y	N	E	If HESC involved='N',	If the answer to 'HESC involved'			

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
Supplement (NIH)	be referenced' checkbox	.2					can't include this or 'HESC Cell Lines' (Minimum Validations)	is "No" on the PHS 398 Cover Page Supplement, HESC Cell Lines may not be included and the 'Can't be Referenced' checkbox must not be checked.			
Cover Page Supplement (NIH)	Inventions and Patents, Yes/No	11.23 .1	V2_0 / Forms C	N	N	E	Error for all Ts if Inventions and Patents, Yes is selected	An Inventions and Patents selection does not apply for this application.			
Cover Page Supplement (NIH)	Inventions and Patents, Previously Reported (Yes or No)	11.24 .1	V2_0 / Forms C	N	N	E	Must be answered if response to Inventions and Patents is 'Yes'	Inventions and Patents Previously Reported must be answered if the answer to Inventions and Patents is 'Yes.'			
Cover Page Supplement (NIH)	Inventions and Patents, Previously Reported (Yes or No)	11.24 .2	V2_0 / Forms C	N	N	E	Should not be answered if response to Inventions and Patents is 'No'	Inventions and Patents, Previously Reported should not be answered if the answer to Inventions and Patents is 'No'			
Cover Page Supplement (NIH)	Change of Investigator/C hange of Inst.: Change of PI	11.25 .1	V2_0 / Forms C	N	N	W	Not accepted for revisions.	A revision may not be submitted if a Change of PI has been indicated on the PHS 398 Cover Page Supplement. Revisions must have the same PI as the parent grant.			
Cover Page Supplement (NIH)	Change of Investigator/C hange of Inst.: Name of former PI (Prefix, First Name, Middle Name, Last Name, Suffix)	11.26 .1	V2_0 / Forms C	N	N	E	Must be included if application is for change of PI	The name of the former PI must be included if there has been a Change of PI indicated.			
Cover Page Supplement (NIH)	Change of Investigator/C hange of Inst.: change of grantee inst.	11.27									
Cover Page Supplement (NIH)	Change of Investigator/C hange of Inst.: name of former inst.	11.28 .1	V2_0 / Forms C	Y			If >40 characters, truncate (Minimum Validations)				

Modular Budget Years 1- 5 (NIH)

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
Modular Budget, Years 1-5 (NIH)		12.0.1		Y	N	E	Accept submission of modular budget or detailed budget, but not both (Minimum Validations)	Both a modular and a detailed budget have been included with this submission. One or the other may be submitted.			
Modular Budget, Years 1-5 (NIH)		12.0.2		N	N	E	Do not accept a modular budget for R13 applications (activity code on funding opportunity = 'R13' or 'U13')	Modular budgets may not be submitted for Conference Grant applications.			
Modular Budget, Years 1-5 (NIH)		12.0.3		N	N	E	Do not accept a modular budget for an application where the applicant organization is foreign	Applications with modular budgets may not be submitted by a foreign applicant organization. Please submit using the 424 RR Budget component.			
Modular Budget, Years 1-5 (NIH)		12.0.4		N	N	W	For a revision, if the parent grant budget is non-modular, only a detailed budget form may be submitted.	This application should be submitted with the same type of budget as the last competing segment. If the same budget type has been used, then no action is necessary.			
Modular Budget, Years 1-5 (NIH)		12.0.7		N	N	E	For an SC2 application, provide an error if more than three budget periods have been included	An SC2 application may be submitted for a maximum of three budget periods.			
Modular Budget, Years 1-5 (NIH)		12.0.8		N	N	E	For an SC3 application, provide an error if more than four budget periods have been included	An SC3 application may be submitted for a maximum of four budget periods.			
Modular Budget, Years 1-5 (NIH)	Start Date	12.1.1		Y	N	W	For budget period 1, if entered, for new applications and resubmissions to new applications, must be the same as the Project Start Date listed on the SF 424 RR Face Page (Minimum Validations)	For new applications and resubmissions, the modular budget year 1 start date must be the same as the proposed project start date listed on the SF 424 RR Cover Page.			
Modular Budget,	Start Date	12.1.2		N	N	W	For budget years after budget year 1, if	The start date for budget year <budget year> must be equal to			

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
Years 1-5 (NIH)							entered, must be greater than or equal to the Proposed Project Start Date listed on the SF 424 RR Face Page.	or later than the proposed project start date listed on the SF 424 RR Cover page.			
Modular Budget, Years 1-5 (NIH)	End Date	12.2.1		N	N	E	Budget period end date must be greater than budget period start date and less than or equal to project period end date.	The modular budget year <budget year> end date must be later than the modular budget year <budget year> start date and less than or equal to the proposed project end date listed on the SF 424 RR Cover page.			
Modular Budget, Years 1-5 (NIH)	Direct Costs, Direct Cost Less Consortium, F&A	12.3.1		N	N	E	Must be <= 250K, must be a multiple of 25K for each budget year	The total direct costs for modular budget year <budget year> are greater than $250K, or are not in increments of $25K.			
Modular Budget, Years 1-5 (NIH)	Direct Costs, Direct Cost Less Consortium, F&A	12.3.6		N	N	E	For SC2 or SC3 submissions, provide error if this value for *any* budget year is >100k	Direct cost requests are limited to $100k a year for this application (PHS 398 Modular Budget, Direct Costs, Direct Cost Less Consortium, F&A).			
Modular Budget, Years 1-5 (NIH)	Direct Costs, Consortium, F&A	12.4.1		N	N	E	Must be less than 10,000,000,000	The Consortium F&A amount on the PHS 398 Modular Budget exceeds the allowable amount for the agency.	Grants.gov accepts up to 14 bytes (including 2 decimal places); NIH accepts no more than 10. Long-term db change is recommended.		
Modular Budget, Years 1-5 (NIH)	Direct Costs, Total Direct Costs	12.5.1		N	N	E	Must equal sum of Direct Cost Less Consortium, F&A and Consortium, F&A for the corresponding budget year (if both are submitted). If only Direct Cost Less Consortium, F&A is submitted for that budget year, must equal that.	The total direct costs for modular budget year <budget year> in the PHS 398 Modular Budget do not equal the sum of Direct Cost Less Consortium, F&A and Consortium, F&A			
Modular Budget, Years 1-5 (NIH)	Direct Costs, Total Direct Costs	12.5.2		N	N	E	Must be less than 10,000,000,000	The Total Direct Costs amount on the PHS 398 Modular Budget exceeds the allowable amount for the agency.	Grants.gov accepts up to 15 bytes (including 2 decimal places); NIH accepts no more than 10.		

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
									Long-term db change is recommended.		
Modular Budget, Years 1-5 (NIH)	Indirect Costs, Indirect Cost Type 1-4										
Modular Budget, Years 1-5 (NIH)	Indirect Costs, Indirect Cost Rate 1-4	12.7.1		N	N	W	Provide warning if greater than 0 and less than 1.	Indirect Cost Rate is less than 1 for budget year <budget year> (PHS 398 Modular Budget). Please note that this figure represents a percentage.			
Modular Budget, Years 1-5 (NIH)	Indirect Costs, Indirect Cost Base 1-4	12.8.1		N	N	E	Must be less than 10,000,000,000	The Indirect Cost Base amount on the PHS 398 Modular Budget for budget year <budget year>exceeds the allowable amount for the agency.	Grants.gov accepts up to 14 bytes (including 2 decimal places); NIH accepts no more than 10. Long-term db change is recommended.		
Modular Budget, Years 1-5 (NIH)	Indirect Costs, Funds Requested 1-4	12.9.1		N	N	E	Must be less than 10,000,000,000	The Funds Requested amount on the PHS 398 Modular Budget exceeds the allowable amount for the agency.	Grants.gov accepts up to 14 bytes (including 2 decimal places); NIH accepts no more than 10. Long-term db change is recommended.		
Modular Budget, Years 1-5 (NIH)	Indirect Costs, Cognizant Agency										
Modular Budget, Years 1-5 (NIH)	Indirect Costs, Indirect Cost Rate Agreement Date										
Modular Budget, Years 1-5 (NIH)	Indirect Costs, Total Indirect Costs	12.12.1		N	N	E	Must equal sum of Indirect Costs, Funds Requested 1-4 for the corresponding budget year, if any Indirect Costs were entered	The Total Indirect Costs do not equal the sum of Funds Requested for budget year <budget year> (PHS 398 Modular Budget).	grants.gov accepts up to 15 bytes (including 2 decimal places); NIH accepts no more than 10. Long-term db change is recommended.		
Modular	Indirect	12.12		N	N	E	Must be less than	The Total Indirect Costs amount			

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
Budget, Years 1-5 (NIH)	Costs, Total Indirect Costs	.2					10,000,000,000	must be less than 10,000,000,000 (PHS 398 Modular Budget).			
Modular Budget, Years 1-5 (NIH)	Total Direct and Indirect Costs, Funds Requested	12.13 .1		N	N	E	Must be greater than 0 for first budget period.	For Modular Budget Year 1, Total Direct and Indirect Costs must be greater than zero (PHS 398 Modular Budget).			
Modular Budget, Years 1-5 (NIH)	Total Direct and Indirect Costs, Funds Requested	12.13 .2		N	N	E	Must be equal to the sum of Total Direct Costs and Total Indirect Costs for the corresponding budget period.	For Modular Budget Year <budget year> in the PHS 398 Modular Budget, the Total Direct and Indirect Costs must be equal to Total Direct Costs plus Total Indirect Costs requested for that budget year.			
Modular Budget, Years 1-5 (NIH)	Total Direct and Indirect Costs, Funds Requested	12.13 .3		N	N	E	Must be less than 10,000,000,000	The Total Direct and Indirect Costs amount on the PHS 398 Modular Budget exceeds the allowable amount for the agency.	grants.gov accepts up to 15 bytes (including 2 decimal places); NIH accepts no more than 10. Long-term db change is recommended.		

Modular Budget Cumulative (NIH)

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
Modular Budget, Cumulative (NIH)	Total Direct Cost less Consortium F&A for Entire Project Period	13.1.1		N	N	E	Must be equal to the sum of all Total Direct Cost less Consortium F&A values for all budget years	The Total Direct Cost less Consortium F&A for Entire Project Period in the PHS 398 Modular Budget must be equal to the sum of Total Direct Cost Less Consortium F&A values for all budget years.			
Modular Budget, Cumulative (NIH)	Total Consortium F&A for Entire Project Period	13.2.1		N	N	E	Must be equal to the sum of all Consortium F&A values for all budget years	The Total Consortium F&A for Entire Project Period must be equal to the sum of Consortium F&A values for all budget years (PHS 398 Modular Budget).			
Modular Budget, Cumulative (NIH)	Total Consortium F&A for Entire Project Period	13.2.2		N	N	E	Must be less than 10,000,000,000	The Total Consortium F&A for Entire Project Period amount on the PHS 398 Modular Budget exceeds the allowable amount for the agency.	grants.gov accepts up to 15 bytes (including 2 decimal places); NIH accepts no more than 10. Long-term db change is recommended.		
Modular Budget, Cumulative (NIH)	Total Costs, Total Direct Costs for Entire Project Period	13.3.1		N	N	E	Must be equal to the sum of Total Direct Costs for all budget years	The Total Direct Costs for the Entire Proposed Project Period must be equal to the sum of the Total Direct Costs for all budget years (PHS 398 Modular Budget).			
Modular Budget, Cumulative (NIH)	Total Costs, Total Direct Costs for Entire Project Period	13.3.2		N	N	E	Must be less than 10,000,000,000	The Total Direct Costs for Entire Project Period amount on the PHS 398 Modular Budget exceeds the allowable amount for the agency.	grants.gov accepts up to 15 bytes (including 2 decimal places); NIH accepts no more than 10. Long-term db change is recommended.		
Modular Budget, Cumulative (NIH)	Total Costs, Total Indirect Costs for Entire Project Period	13.4.1		N	N	E	Must be equal to the sum of Total Indirect Costs for all budget years	The Total Indirect Costs Requested for Entire Project Period must be equal to the sum of Total Indirect Costs for all budget years (PHS 398 Modular Budget).			
Modular Budget, Cumulative (NIH)	Total Costs, Total Direct and Indirect Costs for	13.5.1		N	N	E	Must be equal to the sum of all Total Direct and Indirect Costs values for all	The Total Direct and Indirect Costs for Entire Project Period must be equal to the sum of all Total Direct and Indirect Costs			

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
	Entire Project Period						budget years	values for all budget years (PHS 398 Modular Budget).			
Modular Budget, Cumulative (NIH)	Total Costs, Total Direct and Indirect Costs for Entire Project Period	13.5.2		N	N	E	Must be less than 10,000,000,000	The Total Direct and Indirect Costs for Entire Project Period amount on the PHS 398 Modular Budget exceeds the allowable amount for the agency.	grants.gov accepts up to 15 bytes (including 2 decimal places); NIH accepts no more than 10. Long-term db change is recommended.		
Modular Budget, Cumulative (NIH)	Budget Justifications, Personnel Justification	13.6.1		N	N	W	Provide a warning if this attachment hasn't been included with a modular budget.	In most cases, a Personnel Justification attachment should be included if a Modular Budget is being submitted.			
Modular Budget, Cumulative (NIH)	Budget Justifications, Consortium Justification										
Modular Budget, Cumulative (NIH)	Budget Justifications, Additional Narrative Justification										

Research Plan (NIH)

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
Research Plan (NIH)	Type of Application	15.1.1	V 1_3 / ADOBE Forms B2				Read only, pulled from R&R				
Research Plan (NIH)	Type of Application	15.1.2		Y			Allow applications to come in without tHe PHS398 Research Plan form.(Minimum Validations)				
Research Plan (NIH)	Research Plan Attachments: Introduction	15.2.1		N	N	E	Required for resubmission	An Introduction must be included for resubmissions on the PHS 398 Research Plan.			
Research Plan (NIH)	Research Plan Attachments: Introduction	15.2.2		N	N	E	Required for revisions.	An Introduction must be included for revisions on the PHS 398 Research Plan.			
Research Plan (NIH)	Research Plan Attachments: Introduction	15.2.8		N	N	E	Must not be included for a new or renewal application.	The Introduction (see PHS 398 Research Plan) should not be attached for a new or renewal application.			
Research Plan (NIH)	Research Plan Attachments: Specific Aims	15.3.12	V1_3 Adobe Forms B	N	N	E	Required attachment except for DP1, DP2 applications	The Specific Aims attachment is required on the PHS398 Research Plan.			
Research Plan (NIH)	Research Plan Attachments: Research Strategy	15.20.1	V1_3 Adobe Forms B	N	N	E	Required for all submissions	The Research Strategy section of the PHS 398 Research Plan must be attached to the application.			
Research Plan (NIH)	Research Plan Attachments: Research Strategy	15.20.2	V1_3 Adobe Forms B	N	Y Standard	E	Research Strategy Attachment must be less than or equal to 12 pages ((LV) for , , DP3, G08, G11, G13, SC1	The Research Strategy is limited to 12 pages for this application on the PHS398 Research Plan.			
Research Plan (NIH)	Research Plan Attachments: Research Strategy	15.20.3	V1_3 Adobe Forms B	N	N Opt out	W	Research Strategy Attachment must be less than or equal to 12 pages ((LV) for , DP3, G08, G11, G13, SC1	Warning message for 'opt out' announcements: Be sure that you have complied with the allowable page limitations for the Research Strategy on the PHS398 Research Plan for this FOA. Applications that do not comply with these instructions may be delayed or not accepted for review.			

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
Research Plan (NIH)	Research Plan Attachments: Research Strategy	15.20 .4	V1_3 Adobe Forms B	N	Y Standard	E	Research Strategy Attachment must be less than or equal to 6 pages ((LV) for SC2, SC3	The Research Strategy is limited to 6 pages for this application on the PHS398 Research Plan.			
Research Plan (NIH)	Research Plan Attachments: Research Strategy	15.20 .5	V1_3 Adobe Forms B	N	N Opt out	W	Research Strategy Attachment must be less than or equal to 6 pages ((LV) for SC2, SC3	Warning message for 'opt out' announcements: Be sure that you have complied with the allowable page limitations for the Research Strategy on the PHS398 Research Plan for this FOA. Applications that do not comply with these instructions may be delayed or not accepted for review.			
Research Plan (NIH)	Research Plan Attachments: Research Strategy	15.20 .7	V1_3 Adobe Forms B	N	N	W	For **X01** applications, provide a warning if Research Strategy Attachment is greater than 6 pages and less than 12 pages	Be sure that you have complied with the allowable 6 page limit for the Research Strategy on the PHS398 Research Plan for this FOA. Applications that do not comply with these instructions may be delayed or not accepted for review.			
Research Plan (NIH)	Research Plan Attachments: Research Strategy	15.20 .8	V1_3 Adobe Forms B	N	N	E	For **X01** applications, provide an error if Research Strategy Attachment is greater than 12 pages.	The Research Strategy is limited to 12 pages for this application on the PHS398 Research Plan.			
Research Plan (NIH)	Research Plan Attachments: Research Strategy	15.20 .9	V1_3 Adobe Forms B	N	N	E	Research Strategy Attachment must be less than or equal to 5 pages for DP1	The Research Strategy is limited to 5 pages for this application on the PHS398 Research Plan.			
Research Plan (NIH)	Research Plan Attachments: Research Strategy	15.20 .10	V1_3 Adobe Forms B	N	N	E	Research Strategy Attachment must be less than or equal to 10 pages for DP2	The Research Strategy is limited to 10 pages for this application on the PHS398 Research Plan.			
Research Plan (NIH)	Research Plan Attachments: Inclusion Enrollment Report	15.7	V 1_3 / ADOBE Forms B2 Only								
Research Plan (NIH)	Research Plan Attachments: Progress Report	15.8									

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
	Publication List										
Research Plan (NIH)	Research Plan Attachments: Protection of Human Subjects	15.9.1		N	N	E	Required for all applications except S10, if Human Subjects is 'yes'.	A Protection of Human Subjects attachment must be included on the PHS 398 Research Plan page if the response to the Human Subjects question on the Other Project Information page is 'Yes'.			
Research Plan (NIH)	Research Plan Attachments: Inclusion of Women and Minorities	15.10.1		N	N	E	Required for non-S10 applications if Human Subjects is true and Exemption is not E4	The Inclusion of Women and Minorities Attachment must be included on the PHS 398 Research Plan page if the response to the Human Subjects question on the Other Project Information Page is 'Yes' and if the Exemption Number is not 4.			
Research Plan (NIH)	Research Plan Attachments: Targeted/Planned Enrollment Table	15.11.1	V 1_3 / ADOBE Forms B2 Only	N	N	E	Required for non-S10 applications if Human Subjects is true and Exemption is not E4	The Targeted/Planned Enrollment Table Attachment must be included on the PHS 398 Research Plan page if the response to the Human Subjects question on the Other Project Information Page is 'Yes' and if the Exemption Number is not 4.			
Research Plan (NIH)	Research Plan Attachments: Inclusion of Children	15.12.1		N	N	E	Required for non-S10 applications if Human Subjects is true and Exemption is not E4	The Inclusion of Children Attachment must be included on the PHS 398 Research Plan page if the response to the Human Subjects question on the Other Project Information Page is 'Yes' and if the Exemption Number is not 4.			
Research Plan (NIH)	Research Plan Attachments: Vertebrate Animals	15.13.1		N	N	E	Required for all applications except S10 if VertebrateAnimalsUsedQuestion is Y	A Vertebrate Animals attachment must be included on the PHS 398 Research Plan page if the response to the Vertebrate/Animals Subject Used Question on the Other Project Information page is 'Yes'			
Research Plan (NIH)	Research Plan Attachments: Select Agent Research	15.14									
Research Plan (NIH)	Research Plan	15.15.1		N	N	E	Required if multiple PIs are included with	The Multiple PI Leadership Plan attachment on the PHS 398			

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
	Attachments: Multiple PI Leadership Plan						the submission	Research Plan must be included if multiple PIs have been included on the Senior/Key Person page.			
Research Plan (NIH)	Research Plan Attachments: Multiple PI Leadership Plan	15.15 .2		N	N	E	Return error if Leadership Plan is included and there is only one PI identified with the submission	For multiple PD/PI applications, be sure to mark each PI with a role of PD/PI. If not intending to submit a multiple PD/PI application, remove the Multiple PD/PI Leadership Plan attachment from the PHS 398 Research Plan.			
Research Plan (NIH)	Research Plan Attachments: Consortium/Contractual Arrangements	15.16 .1		N	N	E	Required for an S11 application.	An S11 application must include a Consortium/Contractual Arrangement attachment on the PHS 398 Research Plan.			
Research Plan (NIH)	Research Plan Attachments: Letters of Support	15.17									
Research Plan (NIH)	Research Plan Attachments: Letters of Support	15.17 .2		N	N	E	Required for an S11 application.	An S11 application must include a Letters of Support attachment on the PHS 398 Research Plan.			
Research Plan (NIH)	Research Plan Attachments: Resource Sharing Plan	15.18									
Research Plan (NIH)	Research Plan Attachments: Appendix	15.19 .1		Y	N	E	Limited to 10 appendixes (Minimum Validations).	You have submitted more than 10 appendices on the PHS 398 Research Plan. There is a limit of 10 appendix attachments allowed.			

PHS Fellowship Supplements Form (NIH)

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
PHS Fellowship Supp. Form	Type of Application	18.1					Read only, pulled from R&R				
PHS Fellowship Supp. Form	Fellowship Supplemental Form Attachments: Inclusion Enrollment Report	18.7.1	V 1_2 / ADOBE Forms B2								
PHS Fellowship Supp. Form	Research Plan Attachments: Progress Report Publication List	18.8.1									
PHS Fellowship Supp. Form	Human Subjects Involved?	18.9									
PHS Fellowship Supp. Form	Vertebrate animals used?	18.17									
PHS Fellowship Supp. Form	Fellowship Supplemental Form Attachments: Select Agent Research	18.20									
PHS Fellowship Supp. Form	Fellowship Supplemental Form Attachments: Resource Sharing Plan	18.21									
PHS Fellowship Supp. Form	Candidate: Alternate Phone Number	18.28									
PHS Fellowship Supp. Form	Candidate: field of training	18.35									
PHS Fellowship Supp. Form	Candidate: current or prior Kirschstein-NRSA	18.37									

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
	support *x*, level										
PHS Fellowship Supp. Form	Candidate: current or prior Kirschstein-NRSA support *x*, type	18.38									
PHS Fellowship Supp. Form	Candidate: current or prior Kirschstein-NRSA support *x*, start date	18.39									
PHS Fellowship Supp. Form	Candidate: current or prior Kirschstein-NRSA support *x*, grant number	18.41									
PHS Fellowship Supp. Form	Candidate: Applications for concurrent support (Y/N)?	18.42									
PHS Fellowship Supp. Form	Change of sponsoring institution	18.48									
PHS Fellowship Supp. Form	Assurances/Certifications: Explanation	18.50	V1_1								
PHS Fellowship Supp. Form	Budget: funds requested, year *x*	18.61									
PHS Fellowship Supp. Form	Appendix	18.63									

Planned Enrollment Report (NIH)

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
Planned Enrollment Report	Study Title:	21.1.1	V 1_0 / Forms C	N	N	W	Provide warning if HS "Y" and not "E4" and the Planned/Enrollment form is not part of the application. Exclude S10, C06, UC6, G20, X02, X01,	Human Subjects are involved but no Planned Enrollment Report(s) for inclusion has been included.			
Planned Enrollment Report	Study Title:	21.1.2		N	N	W	Provide warning if Planned Enrollment Report is submitted with all zeros	Planned Enrollment Report(s) was submitted with no data. If not a Delayed Onset study, is planned enrollment data needed?			
Planned Enrollment Report	Domestic /Foreign		V 1_0 / Forms C								
Planned Enrollment Report	Comments:		V 1_0 / Forms C								
Planned Enrollment Report	Racial Category: American Indian/ Alaska Native; Ethnic Category: Not Hispanic or Latino, Female		V 1_0 / Forms C								
Planned Enrollment Report	Racial Category: American Indian/ Alaska Native; Ethnic Category: Not Hispanic or Latino, Male		V 1_0 / Forms C								

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
Planned Enrollment Report	Racial Category: American Indian/ Alaska Native; Ethnic Category: Hispanic or Latino, Female		V 1_0 / Forms C								
Planned Enrollment Report	Racial Category: American Indian/ Alaska Native; Ethnic Category: Hispanic or Latino, Male		V 1_0 / Forms C								
Planned Enrollment Report	Racial Category: American Indian/ Alaska Native; Total		V 1_0 / Forms C								
Planned Enrollment Report	Racial Category: Asian ; Ethnic Category: Not Hispanic or Latino, Female		V 1_0 / Forms C								
Planned Enrollment Report	Racial Category: Asian; Ethnic Category: Not Hispanic or Latino, Male		V 1_0 / Forms C								
Planned Enrollment	Racial Category: Asian;		V 1_0 / Forms C								

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
Report	Ethnic Category: Hispanic or Latino, Female										
Planned Enrollment Report	Racial Category: Asian; Ethnic Category: Hispanic or Latino, Male		V 1_0 / Forms C								
Planned Enrollment Report	Racial Category: Asian; Total		V 1_0 / Forms C								
Planned Enrollment Report	Racial Category: Native Hawaiian or Other Pacific Islander; Ethnic Category: Not Hispanic or Latino, Female		V 1_0 / Forms C								
Planned Enrollment Report	Racial Category: Native Hawaiian or Other Pacific Islander; Ethnic Category: Not Hispanic or Latino, Male		V 1_0 / Forms C								
Planned Enrollment Report	Racial Category: Native Hawaiian or Other Pacific Islander;		V 1_0 / Forms C								

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
	Ethnic Category: Hispanic or Latino, Female										
Planned Enrollment Report	Racial Category: Native Hawaiian or Other Pacific Islander; Ethnic Category: Hispanic or Latino, Male		V 1_0 / Forms C								
Planned Enrollment Report	Racial Category: Native Hawaiian or Other Pacific Islander; Total		V 1_0 / Forms C								
Planned Enrollment Report	Racial Category: Black or African American; Ethnic Category: Not Hispanic or Latino, Female		V 1_0 / Forms C								
Planned Enrollment Report	Racial Category: Black or African American; Ethnic Category: Not Hispanic or Latino, Male		V 1_0 / Forms C								
Planned Enrollment	Racial Category: Black or		V 1_0 / Forms C								

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
Report	African American; Ethnic Category: Hispanic or Latino, Female										
Planned Enrollment Report	Racial Category: Black or African American; Ethnic Category: Hispanic or Latino, Male		V 1_0 / Forms C								
Planned Enrollment Report	Racial Category: Black or African American; Total		V 1_0 / Forms C								
Planned Enrollment Report	Racial Category: White; Ethnic Category: Not Hispanic or Latino, Female		V 1_0 / Forms C								
Planned Enrollment Report	Racial Category: White; Ethnic Category: Not Hispanic or Latino, Male		V 1_0 / Forms C								
Planned Enrollment Report	Racial Category: White; Ethnic Category: Hispanic or Latino, Female		V 1_0 / Forms C								
Planned	Racial		V 1_0 /								

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
Enrollment Report	Category: White; Ethnic Category: Hispanic or Latino, Male		Forms C								
Planned Enrollment Report	Racial Category: White; Total		V 1_0 / Forms C								
Planned Enrollment Report	Racial Category: More than One Race; Ethnic Category: Not Hispanic or Latino, Female		V 1_0 / Forms C								
Planned Enrollment Report	Racial Category: More than One Race; Ethnic Category: Not Hispanic or Latino, Male		V 1_0 / Forms C								
Planned Enrollment Report	Racial Category: More than One Race; Ethnic Category: Hispanic or Latino, Female		V 1_0 / Forms C								
Planned Enrollment Report	Racial Category: More than One Race; Ethnic Category: Hispanic or Latino, Male		V 1_0 / Forms C								
Planned	Racial		V 1_0 /								

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
Enrollment Report	Category: More than One Race; Total		Forms C								
Planned Enrollment Report	Ethnic Category; Not Hispanic or Latino, Female; Total		V 1_0 / Forms C								
Planned Enrollment Report	Ethnic Category; Not Hispanic or Latino, Male; Total		V 1_0 / Forms C								
Planned Enrollment Report	Ethnic Category; Hispanic or Latino, Female; Total		V 1_0 / Forms C								
Planned Enrollment Report	Ethnic Category; Hispanic or Latino, Male; Total		V 1_0 / Forms C								
Planned Enrollment Report	Ethnic Category Total; Racial Category Total		V 1_0 / Forms C								

Cumulative Inclusion Enrollment Report (NIH)

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
Cumulative Inclusion Enrollment Report	Study Title X of Y										
Cumulative Inclusion Enrollment Report	Study Title:										
Cumulative Inclusion Enrollment Report	Comments:										
Cumulative Inclusion Enrollment Report	Racial Category: American Indian/ Alaska Native; Ethnic Category: Not Hispanic or Latino, Female										
Cumulative Inclusion Enrollment Report	Racial Category: American Indian/ Alaska Native; Ethnic Category: Not Hispanic or Latino, Male										
Cumulat	Racial										

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
ive Inclusion Enrollment Report	Category: American Indian/ Alaska Native; Ethnic Category: Not Hispanic or Latino, Unknown/ Not Reported										
Cumulative Inclusion Enrollment Report	Racial Category: American Indian/ Alaska Native; Ethnic Category: Hispanic or Latino, Female										
Cumulative Inclusion Enrollment Report	Racial Category: American Indian/ Alaska Native; Ethnic Category: Hispanic or Latino, Male										
Cumulative Inclusion Enrollment Report	Racial Category: American Indian/ Alaska Native; Ethnic Category: Hispanic or Latino, Unknown/ Not Reported										
Cumulative Inclusio	Racial Category: American										

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
n Enrollment Report	Indian/ Alaska Native; Ethnic Category: Unknown/ Not Reported, Female										
Cumulative Inclusion Enrollment Report	Racial Category: American Indian/ Alaska Native; Ethnic Category: Unknown/ Not Reported, Male										
Cumulative Inclusion Enrollment Report	Racial Category: American Indian/ Alaska Native; Ethnic Category: Unknow/ Not Reported, Unknown/ Not Reported										
Cumulative Inclusion Enrollment Report	Racial Category: American Indian/ Alaska Native; Total										
Cumulative Inclusion Enrollment Report	Racial Category: Asian ; Ethnic Category: Not Hispanic or Latino, Female										

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
Cumulative Inclusion Enrollment Report	Racial Category: Asian; Ethnic Category: Not Hispanic or Latino, Male										
Cumulative Inclusion Enrollment Report	Racial Category: Asian; Ethnic Category: Not Hispanic or Latino, Unknown/ Not Reported										
Cumulative Inclusion Enrollment Report	Racial Category: Asian; Ethnic Category: Hispanic or Latino, Female										
Cumulative Inclusion Enrollment Report	Racial Category: Asian; Ethnic Category: Hispanic or Latino, Male										
Cumulative Inclusion Enrollment Report	Racial Category: Asian; Ethnic Category: Hispanic or Latino, Unknown/ Not Reported										
Cumulative Inclusion	Racial Category: Asian; Ethnic										

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
Enrollment Report	Category: Unknown/ Not Reported, Female										
Cumulative Inclusion Enrollment Report	Racial Category: Asian; Ethnic Category: Unknown/ Not Reported, Male										
Cumulative Inclusion Enrollment Report	Racial Category: Asian; Ethnic Category: Unknow/ Not Reported, Unknown/ Not Reported										
Cumulative Inclusion Enrollment Report	Racial Category: Asian; Total										
Cumulative Inclusion Enrollment Report	Racial Category: Native Hawaiian or Other Pacific Islander; Ethnic Category: Not Hispanic or Latino, Female										
Cumulative Inclusion Enrollm	Racial Category: Native Hawaiian or Other										

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
ent Report	Pacific Islander; Ethnic Category: Not Hispanic or Latino, Male										
Cumulative Inclusion Enrollment Report	Racial Category: Native Hawaiian or Other Pacific Islander; Ethnic Category: Not Hispanic or Latino, Unknown/ Not Reported										
Cumulative Inclusion Enrollment Report	Racial Category: Native Hawaiian or Other Pacific Islander; Ethnic Category: Hispanic or Latino, Female										
Cumulative Inclusion Enrollment Report	Racial Category: Native Hawaiian or Other Pacific Islander; Ethnic Category: Hispanic or Latino, Male										
Cumulative Inclusion	Racial Category: Native Hawaiian or										

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
Enrollment Report	Other Pacific Islander; Ethnic Category: Hispanic or Latino, Unknown/ Not Reported										
Cumulative Inclusion Enrollment Report	Racial Category: Native Hawaiian or Other Pacific Islander; Ethnic Category: Unknown/ Not Reported, Female										
Cumulative Inclusion Enrollment Report	Racial Category: Native Hawaiian or Other Pacific Islander; Ethnic Category: Unknown/ Not Reported, Male										
Cumulative Inclusion Enrollment Report	Racial Category: Native Hawaiian or Other Pacific Islander; Ethnic Category: Unknow/ Not Reported, Unknown/ Not Reported										

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
Cumulative Inclusion Enrollment Report	Racial Category: Native Hawaiian or Other Pacific Islander; Total										
Cumulative Inclusion Enrollment Report	Racial Category: Black or African American; Ethnic Category: Not Hispanic or Latino, Female										
Cumulative Inclusion Enrollment Report	Racial Category: Black or African American; Ethnic Category: Not Hispanic or Latino, Male										
Cumulative Inclusion Enrollment Report	Racial Category: Black or African American; Ethnic Category: Not Hispanic or Latino, Unknown/ Not Reported										
Cumulative Inclusion Enrollment Report	Racial Category: Black or African American; Ethnic Category: Hispanic or										

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
	Latino, Female										
Cumulative Inclusion Enrollment Report	Racial Category: Black or African American; Ethnic Category: Hispanic or Latino, Male										
Cumulative Inclusion Enrollment Report	Racial Category: Black or African American; Ethnic Category: Hispanic or Latino, Unknown/ Not Reported										
Cumulative Inclusion Enrollment Report	Racial Category: Black or African American; Ethnic Category: Unknown/ Not Reported, Female										
Cumulative Inclusion Enrollment Report	Racial Category: Black or African American; Ethnic Category: Unknown/ Not Reported, Male										
Cumulative Inclusion	Racial Category: Black or African										

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
Enrollment Report	American; Ethnic Category: Unknown/ Not Reported, Unknown/ Not Reported										
Cumulative Inclusion Enrollment Report	Racial Category: Black or African American; Total										
Cumulative Inclusion Enrollment Report	Racial Category: White; Ethnic Category: Not Hispanic or Latino, Female										
Cumulative Inclusion Enrollment Report	Racial Category: White; Ethnic Category: Not Hispanic or Latino, Male										
Cumulative Inclusion Enrollment Report	Racial Category: White; Ethnic Category: Not Hispanic or Latino, Unknown/ Not Reported										
Cumulative Inclusion Enrollm	Racial Category: White; Ethnic Category:										

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
ent Report	Hispanic or Latino, Female										
Cumulative Inclusion Enrollment Report	Racial Category: White; Ethnic Category: Hispanic or Latino, Male										
Cumulative Inclusion Enrollment Report	Racial Category: White; Ethnic Category: Hispanic or Latino, Unknown/ Not Reported										
Cumulative Inclusion Enrollment Report	Racial Category: White; Ethnic Category: Unknow/ Not Reported, Female										
Cumulative Inclusion Enrollment Report	Racial Category: White; Ethnic Category: Unknow/ Not Reported, Male										
Cumulative Inclusion Enrollment Report	Racial Category: White; Ethnic Category: Unknow/ Not Reported, Unknown/ Not Reported										

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
Cumulative Inclusion Enrollment Report	Racial Category: White; Total										
Cumulative Inclusion Enrollment Report	Racial Category: More than One Race; Ethnic Category: Not Hispanic or Latino, Female										
Cumulative Inclusion Enrollment Report	Racial Category: More than One Race; Ethnic Category: Not Hispanic or Latino, Male										
Cumulative Inclusion Enrollment Report	Racial Category: More than One Race; Ethnic Category: Not Hispanic or Latino, Unknown/ Not Reported										
Cumulative Inclusion Enrollment Report	Racial Category: More than One Race; Ethnic Category: Hispanic or Latino, Female										
Cumulative	Racial Category:										

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
Inclusion Enrollment Report	More than One Race; Ethnic Category: Hispanic or Latino, Male										
Cumulative Inclusion Enrollment Report	Racial Category: More than One Race; Ethnic Category: Hispanic or Latino, Unknown/ Not Reported										
Cumulative Inclusion Enrollment Report	Racial Category: More than One Race; Ethnic Category: Unknow/ Not Reported, Female										
Cumulative Inclusion Enrollment Report	Racial Category: More than One Race; Ethnic Category: Unknow/ Not Reported, Male										
Cumulative Inclusion Enrollment Report	Racial Category: More than One Race; Ethnic Category: Unknow/ Not Reported, Unknown/ Not Reported										

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
Cumulative Inclusion Enrollment Report	Racial Category: More than One Race; Total										
Cumulative Inclusion Enrollment Report	Racial Category: Unknown or Not Reported; Ethnic Category: Not Hispanic or Latino, Female										
Cumulative Inclusion Enrollment Report	Racial Category: Unknown or Not Reported; Ethnic Category: Not Hispanic or Latino, Male										
Cumulative Inclusion Enrollment Report	Racial Category: Unknown or Not Reported; Ethnic Category: Not Hispanic or Latino, Unknown/ Not Reported										
Cumulative Inclusion Enrollment Report	Racial Category: Unknown or Not Reported; Ethnic Category: Hispanic or Latino,										

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
	Female										
Cumulative Inclusion Enrollment Report	Racial Category: Unknown or Not Reported; Ethnic Category: Hispanic or Latino, Male										
Cumulative Inclusion Enrollment Report	Racial Category: Unknown or Not Reported; Ethnic Category: Hispanic or Latino, Unknown/ Not Reported										
Cumulative Inclusion Enrollment Report	Racial Category: Unknown or Not Reported; Ethnic Category: Unknow/ Not Reported, Female										
Cumulative Inclusion Enrollment Report	Racial Category: Unknown or Not Reported; Ethnic Category: Unknow/ Not Reported, Male										
Cumulative Inclusion Enrollm	Racial Category: Unknown or Not Reported;										

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
ent Report	Ethnic Category: Unknow/ Not Reported, Unknown/ Not Reported										
Cumulative Inclusion Enrollment Report	Racial Category: Unknown or Not Reported; Total										
Cumulative Inclusion Enrollment Report	Ethnic Category; Not Hispanic or Latino, Female; Total										
Cumulative Inclusion Enrollment Report	Ethnic Category; Not Hispanic or Latino, Male; Total										
Cumulative Inclusion Enrollment Report	Ethnic Category; Not Hispanic or Latino, Unknown/ Not Reported; Total										
Cumulative Inclusion Enrollment Report	Ethnic Category; Hispanic or Latino, Female; Total										
Cumulative Inclusion Enrollm	Ethnic Category; Hispanic or Latino, Male; Total										

Form	Field	Rule	Form Version/ Package	Minimum Validation (Y/N)	Limited Validation (Y/N)	Error/ Warning (E/W)	Validation	Error Message	eRA Comments	Comments	Current Release CQ
ent Report											
Cumulative Inclusion Enrollment Report	Ethnic Category; Hispanic or Latino, Unknown/ Not Reported; Total										
Cumulative Inclusion Enrollment Report	Ethnic Category; Unknown/Not Reported Ethnicity, Female; Total										
Cumulative Inclusion Enrollment Report	Ethnic Category; Unknown/Not Reported Ethnicity, Male; Total										
Cumulative Inclusion Enrollment Report	Ethnic Category; Unknown/Not Reported Ethnicity, Unknown/ Not Reported; Total										
Cumulative Inclusion Enrollment Report	Ethnic Category Total; Racial Category Total										