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# US Department of Education

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## FAFSA on the Web Redesign

**Edit Error**

**Version 2.1**

FAFSA on the Web Redesign	Version: 1.0
Edit Error List	Date: 11/7/00

## Revision History

Date	Version	Description	Author
11/7/00	1.0	Initial creation	Modernization Partner
2/21/01	2.1	Add Confirmation Error Message	Modernization Partner

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## 1. Edit Error Process

This applies to all the edit field validation in FAFSA Release 6 application.

Fields that must be validated for input will have their validation functions specified in the Data Element field in use cases. These fields are checked against the validation functions after user selects the Next button, or other equivalent navigation button to proceed, on a particular page. Upon determining an error, the previous page is displayed back with the corresponding error message embedded. The error message will be embedded in two places: the top of the page with a link that will take the user to the field where the error occurs, and next to the offensive field.

To obtain the error message that corresponds with the Validation Function listed in the Data Elements section of the use case:

- Match the Validation Function to the code in the Data Integrity Validation Functions table.
- Match the code (in the DIVF) to the error message in the Data Integrity Error Message table.

## 2. Data Integrity Validation Functions

EDIT Name	Definition	Type	Code
ISARN()	ISNUMEQUALTO(9), ISGREATER THAN(000000001), ISLESSTHAN(999999999), (error code 1) If Student's Citizenship Status = 2, then Student's Alien Registration Number cannot be blank unless Student's State of Legal Residence is CN, FM, MH, or PW. (error code 2)	Reject	1, 2
ISBLANK()	Length of field must equal zero, or all characters in the field must be blanks	Reject	26
ISCITYADDR()	0-9, A-Z, (period), '(apostrophe), (dash), (number), (at), (percent), (ampersand), (slash), (comma)	Reject	1
ISDATEBEFNOW()	The century/year value of this field must be less than or equal to today's century/year	Reject	17
ISDATEMONTH()	ISNUM (error code 1) ISLENEQ(2) (error code 10) ISNUMGREATER THAN(1) (error code 11) ISLESSTHAN(12) (error code 11)	Reject	1, 10, 11
ISDATENO20F(p)	Format is MMCCYY (p=7) or MMDDCCYY (p=10)  For MM: 01 - 12 (error code 11)  For DD: 01-31 (error code 21)  For CC: 19 (error code 14)  For YY: 00-99 (error code 15)  Valid only if the length of the value equals zero or the parameter passed in. (error code 1)	Reject	1
ISDATEOK20F(p)	Format is MMCCYY (p=7) or MMDDCCYY (p=10)	Reject	1

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	<p>For MM: 01 – 12 (error code 11)</p> <p>For DD: 01-31 (error code 21)</p> <p>For CC: 19 or 20 (error code 13)</p> <p>For YY: 00-99 (error code 15)</p> <p>Valid only if the length of the value equals zero or the parameter passed in. (error code 1)</p>		
ISDATEYEAR()	<p>ISNUM (error code 1)</p> <p>ISLENEQ(4) (error code 12)</p> <p>First two characters must be 19 or 20 (error code 13)</p> <p>If the first two characters = "19", then the last two characters must &gt;= 0 and &lt;=99 (error code 15)</p> <p>If the first two characters = "20", then the last two characters must = 00, 01 or 02 (error code 16)</p>	Reject	1, 12, 13, 15, 16
ISDOBPRIOR()	<p>if szDOBPRIOR = "1" then szDOB must be &lt; 01/01/1978 (error code 4)</p> <p>if szDOBPRIOR = "2" then szDOB must be &gt;= 01/01/1978 (error code 5)</p>	Reject	4, 5
ISDRIVERL()	<p>0-9, A-Z, -(dash), *(asterisk), but not in first position and all *s not valid</p>	Reject	1
ISDRUGFIELD()	Value must equal szConvRetValD	Reject	18
ISEIN()	<p>ISLENEQ(9)</p> <p>ISNUM</p>	Reject	1
ISEMAIL()	<p>Must be ascii char between 32-126, excluding 124 (I).</p> <p>Must have one and only one '@' sign.</p> <p>Must have at least one character before the '@' sign.</p> <p>Must have at least one '.' (period) after the '@' sign.</p> <p>Spaces are not allowed unless inside "" (double quotes).</p>	Reject	1
ISNUMEQUALTO(p)	Valid only if the length of the string is equal to "p" or 0 (meaning it is blank).	Reject	1
ISNUMGREATERTHAN(p)	<p>ISNUM,</p> <p>Valid only if the value of the field is &gt;= p</p>	Reject	1
ISLESSTHAN(p)	<p>ISNUM,</p> <p>Valid only if the value of the field is &lt;= p</p>	Reject	1
ISNAMEF()	<p>0-9, A-Z, (period), '(apostrophe), -(dash)</p> <p>If non-blank, first character must contain a letter.</p>	Reject	1
ISNAMEM()	<p>A-Z, blank</p>	Reject	1
ISNAMEL()	<p>0-9, A-Z, (period), '(apostrophe), -(dash)</p> <p>If non-blank, first character must contain a letter and second character must be non-numeric.</p>	Reject	1
ISNOTBLANK()	Length of field must be greater than zero, and none of the characters in the field can be a blank.	Reject	2
ISNUM()	Valid only if every character in the field is numeric	Reject	1
ISNUMGREATERTHAN(0)	<p>ISNUM,</p> <p>Valid only if the number is &gt; 0</p>	Reject	1
ISNUMGREATERTHAN(-1)	<p>ISNUM,</p> <p>Valid only if the number is &gt;= 0</p>	Reject	1
ISORPHWARD()	<p>If[szORPHAN] = "1" and [szSKIPPAR] = "1" and answers to all other dependency status questions are 'No', i.e.: [szDOBPRIOR] = 2</p>	Confirm	1

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	[szVETERAN] = 2 [szSTATGRAD] = 2 [szSTATMAR] = 2 [szDEPSUPP] = 2 [szDEPLIVE] = 2 then, display the confirm message.		
ISPASSWORD()	0-9, A-Z	Reject	1
ISPASSMATCH()	SzPASSWORD2 = szPASSWORD1	Reject	23
ISPHONE()	ISNUM, ISNUMEQUALTO(10)	Reject	1
ISPIN()	Length is 4 or 6. If length is 4, valid values 0-9. If length is 6, valid values a-z	Reject	1
ISNOTBLANK(TRUE)	Length of field must be greater than zero, and at least one character in the field must not be a blank.	Reject	2
ISREQUIREDADDR()	Call ISNOTBLANK(TRUE)	Confirm	3
ISREQUIREDDEP()	Call ISNOTBLANK(TRUE) if szMODEL = 'D' (Dependant)	Reject	2
ISREQUIREDIND()	Call ISNOTBLANK(TRUE) if szMODEL = 'I' (Independent)	Reject	2
ISREQUIREDFINC()	Call ISNOTBLANK(TRUE) if szMOTHINC = ""	Reject	2
ISREQUIREDMAR () (cotw only)	Call ISNOTBLANK(TRUE)	Confirm	2
ISREQUIREDMINC()	Call ISNOTBLANK(TRUE) if szFATHINC = ""	Reject	2
ISREQUIREDPPFILED( )	Call ISNOTBLANK(TRUE) if szPARFILED = '1' or '2'	Reject	2
ISREQUIREDPTAX()	Call ISNOTBLANK(TRUE) if szMODEL = 'D' (Dependant) and szPARFILED != '3' (Will Not File)	Reject	8
ISREQUIREDSTFILED( )	Call ISNOTBLANK(TRUE) if szSTUDFILED = '1' or '2'	Reject	2
ISREQUIREDSTAX()	Call ISNOTBLANK(TRUE) if szSTUDFILED != '3' (Will Not File)	Reject	8
ISSARTRAN()	If the field is not blank, then ISNUM(), ISNUMGREATERTHAN(-1), ISNUMLESSTHAN(100)	Reject	27
ISSCHOOLCODE()	000000-099999, 1st position - 0, B, E, G, Call school code lookup function if field is not blank	Reject	19
ISSCHOOLNAME()	0-9, A-Z, (period), '(apostrophe), (dash) space  At least three valid values have to be present (except for three blanks).	Reject	1
ISSCHOOLYEAR()	2000-2001, 2001-2002	Reject	1
ISSSN()	ISNUM, ISNUMEQUALTO(9), ISNUMGREATERTHAN(001010001), ISNUMLESSTHAN(999999999)	Reject	1
ISSSNFULL()	ISNUM, First three characters: 001 - 999 Next two characters: 01 - 99 (If first three numbers are '888' then allow blank) Last four characters: 0001 - 9999 (If first three numbers are '888' then allow blank) If the first three numbers are not '888' then the length must equal 9	Reject	1
ISSSNFULLF()	ISNUM, First three characters: 001 - 999 Next two characters: 01 - 99 (If first three numbers are '888' then must be blank) Last four characters: 0001 - 9999 (If first three numbers are '888' then must be blank) If the first three numbers are not '888' then the length must equal 9	Reject	1
ISSSNOTHER()	'000000000' or ISBLANK(TRUE) or ISSSN	Reject	1
ISSEL()	ISNOTBLANK(FALSE)	Reject	2
ISSELNOEA()	If szEA != "1", then do ISSEL	Reject	2

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EDIT Name	Definition	Type	Code
ISSPOUSE()	If the field is not blank, then szSTATMAR must equal "1"	Reject	22
ISSTATE()	Residential state	Reject	1
ISSTATECOL()	State in Federal School Code Search	Reject	1
ISSTATEDRIVE()	Drivers license state	Reject	1
ISSTATEFULL()	Full state listing (all available states)	Reject	1
ISSTATELEGSSN()	ISSTATEFULL if state = "FM", "MH", or "PW", szSSNCURR must begin with "888"	Reject	1
ISSTATGRAD()	If field = "1", then szGRADELEVEL must equal "" (blank), "6" or "7" (code 24) If field = "2", then szGRADELEVEL must equal "" (blank), "0", "1", "2", "3", "4" or "5" (code 25)	Reject	24, 25
ISSTATMAR()	if szSTUDMAR = 1, then szSTATMAR cannot equal "1" (error code 7) if szSTUDMAR = 2 or 3, then szSTATMAR must equal "1" (error code 6)	Reject	6, 7
ISSTUDHOUSE()	If szDEPSUPP = "1" or szDEPLIVE = "1", then the value must be greater than or equal to "2"	Reject	20
ISTOTALOKPARHOUSE()	If [szParHouseChild], [szParHouseOther] are all blank and [szPARHOUSETOTAL] >= ([szParHouseSelf] + [szParHouseSpouse])	Reject	28
ISTOTALOKPARINC()	If [szParIncWages], [szParIncInterests], [szParIncDividends], [szParIncOthers], [szParIncAdjustments] are all blank	Reject	28
ISTOTALOKPARWA()	If [szParWA1], [szParWA2], [szParWA3], [szParWA4] are all blank	Reject	28
ISTOTALOKPARWB()	If [szParWB1], [szParWB2], [szParWB3], [szParWB4], [szParWB5], [szParWB6], [szParWB7], [szParWB8], [szParWB9], [szParWB10] are all blank	Reject	28
ISTOTALOKPARWC()	If [szParWC1], [szParWC2], [szParWC3], [szParWC4] are all blank	Reject	28
ISTOTALOKSTUHOU SE()	If [szStuHouseChild], [szStuHouseOther] are all blank and [szStuHouseTotal] >= ([szStuHouseSelf] + [szStuHouseSpouse])	Reject	28
ISTOTALOKSTUINC()	If [szStuIncWages], [szStuIncInterests], [szStuIncDividends], [szStuIncOthers], [szStuIncAdjustments] are all blank	Reject	28
ISTOTALOKSTUWA()	If [szSTUWA1], [szSTUWA2], [szSTUWA3], [szSTUWA4] are all blank	Reject	28
ISTOTALOKSTUWB()	If [szSTUWB1], [szSTUWB2], [szSTUWB3], [szSTUWB4], [szSTUWB5], [szSTUWB6], [szSTUWB7], [szSTUWB8], [szSTUWB9], [szSTUWB10], [szSTUWB11] are all blank	Reject	28
ISTOTALOKSTUWC()	If [szSTUWC1], [szSTUWC2], [szSTUWC3], [szSTUWC4] are all blank	Reject	28
ISVALIDEA()	If [szEA] = "1" and [szSTATGRAD] = "1"	Reject	3
ISZIP()	ISNUMEQUALTO(5), ISNUMGREATER THAN(00000), ISNUMLESSTHAN(99999), (error code 1) All zeroes (00000) are only valid if state code is blank, CN, MX, or FC. (error code 9)	Reject	1, 9

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### 3. Data Integrity Error Messages

These messages apply to all applications and modules associated with the CPS Web project unless otherwise noted.

Note: The content of these error messages needs to be carefully reviewed before final implementation.

Code	Text
1	You have entered an invalid response for this question. Delete the response you entered and then select Help to see valid responses for this question.
2	You must enter a response for this question before proceeding to the next page. Select Help to see valid responses for this question.
3	You reported that you are an 'Early Analysis' student, but also reported that you will be working on a master's or doctorate program in 2001-2002 in Question 53.
4	You reported a birthdate after 01/01/1978 in question 9, but also reported you were born before 01/01/1978 in question 52. Please correct the answer to one of these questions.
5	You reported a birthdate before 01/01/1978 in question 9, but also reported you were not born before 01/01/1978 in question 52. Please correct the answer to one of these questions.
6	You reported that you were married in question 15, but also reported that you were not married in question 52. Please correct the answer to one of these questions.
7	You reported that you were not married in question 15, but also reported that you were married in question 54. Please correct the answer to one of these questions.
8	You have chosen 'Will not file' but provided tax information. Either change your filing status or remove the tax information.
9	A Zip Code of 00000 is only valid if the mailing state is a foreign country (Foreign Country, Canada, Mexico, or blank.)
10	Length of month must be two digits.
11	Months must be from 01 to 12.
12	Length of year must be four digits.
13	Centuries must be 19 or 20.
14	The century must be 19 for date of birth questions.
15	Years must be from 00 to 99.
16	Years must be 00, 01, or 02.
17	You reported a date of birth, but you reported the year as the current year or a future year.
18	You must use the Question 35 Worksheet contained in this application to answer this question. We cannot determine your eligibility for financial aid without this information.
19	You need to select at least one school to receive your FAFSA information. College code must be 6(six) characters long, and the first character is either 0(zero), B, E, or G.
20	You have entered an invalid response for this question. You have reported that you have dependents other than your spouse. Therefore, you must have two or more people in your household. Delete the response you entered and then select Help to see valid responses for this question.
21	Days must be from 01 to 31.
22	Spouse income but you said you were not married.
23	Passwords do not match.
24	You reported that you were a graduate student in question 30, but also reported that you were not going to be working on a masters or doctorate program in question 53. Please correct the answer to one of these questions.
25	You reported that you were an undergraduate in question 30, but also reported that you were going to be working on a masters or doctorate program in question 53. Please correct the answer to one of these questions.
26	Data can not be empty for this field.
27	Transaction number must be from 01 to 99.
28	You may not enter total since you have already entered data into the sub fields of the worksheet.

### 4. Data Integrity Confirmation Error Messages

These messages apply to all applications and modules associated with the CPS Web project unless otherwise noted.

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Code	Text
1	You've said you're an orphan or ward of the court, yet you've supplied parental data. If you're sure you meet the definition of orphan or ward of the court, select 'OK'. If you're unsure, select 'Cancel' and view help.
2	You've made changes to your Marital Status and Date. You should only make changes to these fields if they were incorrect as of the date you first submitted your application. If these fields were incorrect when entered, select 'OK'. If not, select 'Cancel' and view help.
3	You've left your mailing address blank. This will make it difficult for us, and your schools, to send you important documentation. If you want to leave your address blank, select 'OK'. If you want to enter your mailing address, select 'Cancel'.