

2005-06 MAP 160 Byte File Layout Specifications

OVERVIEW:

- A) ISAC will transmit an Eligibility Status File (ESF) for each student to all schools listed as a college choice on the Student Aid Report (SAR). The ESF records will be transmitted daily as Record Type = 7. ESF records may be retrieved via the Eligibility Status File Extraction Option.
- B) Schools will transmit Payment Requests to ISAC via File Transfer Protocol (FTP) using the common 160-byte layout and identify these with Record Type = 4. ISAC will load these records through a pre-payment edit process.
- C) When payment requests are processed, ISAC will transmit Payment Results to schools using the common 160-byte format. These records will be transmitted to schools as Record Type = 5 for MAP, or as Record Type = 9 for IIA. The Payment Results file contains some eligibility status data elements. The same student record may appear on both the Payment Results and the Eligibility Status files. In MAPnet, payment results records may be retrieved via online reports or the Payment Results File Extraction Option.
- D) To cancel Payment Requests, the school that has the current Payment Request record on ISAC's Payment Database will transmit a matching record with Transaction Type = C and the Requested Award Amount field equal to zero along with other required data elements. These records will be transmitted to ISAC as Record Type = 4.
- E) List of Fields being transmitted with each Record Type:

<u>Record Type</u>	<u>Fields</u>	<u>Description</u>
0	1-5, 7, 8, 14, 19, 22-24, 35, 36, 39, 40	IIA Cumulative Results to the school from ISAC.
4	1-8, 12-14, 23, 24, 39	MAP Payment Request or Cancellation record to ISAC from the school.
4	1-9, 14, 23, 24	IIA Payment Request or Cancellation record to ISAC from the school. (Field 6 MUST = Blank on IIA only request)
4	1-9, 12-14, 23, 24, 39	MAP and IIA combined Payment Request or Cancellation record to ISAC from the school.
5	1-8, 11-33, 35, 36, 37, 39, 40, 41	MAP Payment Results records to the school from ISAC.
5	1-6, 7 opt, 11-33, 35, 39, 40, 41	MAP Pre-Payment Edit records to the school from ISAC.
6	1-5, 7, 8, 12, 14, 19, 22-24, 36, 37, 40, 41	MAP Cumulative Results to the school from ISAC.
7	1-3, 5, 7, 8, 15-17, 22-32, 35, 37, 42-44	Eligibility Status records to the school from ISAC.
9	1-5, 7-9, 11, 14, 17, 18, 22-24, 28, 33, 35, 36, 40, 41	IIA Payment Results records (on IIA only requests) to the school.
9	1-5, 7 opt, 9, 11, 14, 17, 18, 22-24, 28, 33, 40, 41	IIA Pre-Payment Edit records (on IIA only requests) to the school.

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F) The following 160-byte record layout will be used for transmitting data between schools and ISAC.

<u>Field Number</u>	<u>Data Element</u>	<u>Type (Length)</u>	<u>Start</u>
1	MAP CODE	9(03)	1
2	RECORD TYPE	X(01)	4
3	CURRENT SSN	9(09)	5
4	TERM ENROLLED	9(01)	14
5	COLLEGE YEAR	9(02)	15
6	MAP PAYMENT REQUEST CODE	X(01)	17
7	TITLE IV SCHOOL CODE	X(06)	18
8	STUDENT LAST NAME	X(16)	24
9	IIA PAYMENT REQUEST CODE	X(01)	40
10	FILLER	X(02)	41
11	USER CODE	X(01)	43
12	REQUESTED AWARD AMOUNT FOR TERM	S9(05)V99	44
13	ENROLLMENT CODE	X(01)	51
14	ISIR TRANSACTION NUMBER	9(02)	52
15	CONTINUING STUDENT	X(01)	54
16	PAID IN PREVIOUS YEAR	X(01)	55
17	DEFAULT	X(01)	56
18	PAYMENT RESULT CODE	X(01)	57
19	PAYMENT RESULTS AMOUNT PAID FOR TERM	S9(05)V99	58
20	ADJUSTED AMT FROM PREV PYMT RESULTS	S9(05)V99	65
21	FILLER	X(02)	72
22	PAYMENT RESULTS PROCESS DATE/AS OF DATE	X(08)	74
23	ORIGINAL SSN (FROM ISIR)	9(09)	82
24	NAME ID	X(02)	91
25	LATE FLAG	X(01)	93
26	MAP SUSPENSE FLAG	X(01)	94
27	SHUTDOWN FLAG	X(01)	95
28	DISQUALIFY FLAG	X(01)	96
29	MAP CODE PAID TERM1	X(03)	97
30	MAP CODE PAID TERM2	X(03)	100
31	MAP CODE PAID TERM3	X(03)	103
32	UPDATE TYPE	X(01)	106
33	EXPANDED REJECT REASON CODE	X(02)	107
34	FILLER	X(01)	109
35	IIA PAID	X(01)	110
36	INVOICE NUMBER	X(10)	111
37	MAP PAID CREDIT HOURS	9(03)	121
38	FILLER	X(05)	124
39	ENROLLMENT HOURS	99V99	129
40	MAPNET UNIQUE ID (ISAC USE ONLY)	X(15)	133
41	MAPNET SEQUENCE NUMBER (ISAC USE ONLY)	9(02)	148
42	ORIGINAL YEARLY ELIGIBLE AMOUNT	S9(04)V99	150
43	IIA SUSPENSE FLAG	X(01)	156
44	ORIGINAL YEARLY ELIGIBLE AMOUNT TRAN. NUMBER	9(02)	157
45	FILLER	X(02)	159

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G) Definition of Data Elements:

Field types are alpha/numeric (X) for these data elements, unless otherwise indicated. Alpha/numeric fields (X) greater than one character (byte) are left justified and padded with spaces. Numeric fields (9) greater than one digit (byte) are right justified and padded with zeros. Date fields are in century-year-month-day (CCYYMMDD) format. **DO NOT use null or low-value characters.**

<u>Field Number</u>	<u>Field Name and Description</u>
1	MAP School Code - 3 numeric characters; must be a valid MAP school code.
2	Record Type - 1 alpha/numeric character; contains a value as described below: 0 = IIA Cumulative Payment Results to the school. 4 = Payment Request Records from the school. 5 = MAP Payment Result or Pre-Payment records to the school. 6 = MAP Cumulative Payment Results to the school. 7 = Eligibility Status records to school. 9 = IIA Payment Results or Pre-Payment records to the school.
3	Current SSN - 9 numeric characters; student's SSN.
4	Term Enrolled - 1 numeric character; contains a value described below: 1 = 1st Semester/Quarter 2 = 2nd Semester/Quarter 3 = 3rd Quarter
5	College Year - 2 numeric characters; 06 (for 2005-2006 academic year)
6	MAP Payment Request Code - 1 alpha/numeric character; contains a value described below: P = Payment request C = Payment request cancellation Blank = School requesting IIA only for student.
7	Title IV School Code - 6 alpha/numeric characters.
8	Student Last Name - 16 alpha/numeric characters; contains student's last name. This is an optional field.
9	IIA Payment Request Code - 1 alpha/numeric character; contains a value as described below. The school will enter these values and may send to ISAC along with MAP payment requests on a RECORD TYPE 4: Y = The school certifies the student is eligible for an IIA award and requests the disbursement C = Cancel previously requested payment Blank = School not requesting IIA for student

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<u>Field Number</u>	<u>Field Name and Description</u>
10	Filler – 2 alpha/numeric characters
11	User Code - 1 alpha/numeric character; defined by the school.
12	Requested Award Amount for Term - 7 (including 2 decimal places) numeric characters; values as indicated below: Must be > zero for payment request Must be ≤ tuition and fees per term Must be ≤ maximum award limit per term Must be = zero for payment cancellation
13	Enrollment Code - 1 alpha/numeric character; contains a value as described below: D = Graduating senior, else leave blank
14	ISIR Transaction Number - 2 numeric characters; contains a value as described below: Valid values: 01 to 99 Record must exist on ISAC database for the ISIR transaction number, Original SSN, and Name ID or the record will be rejected with a Reject Reason Code 2 (not on ISAC database).
15	Continuing Student - 1 alpha/numeric character; contains a value as described below: Y = Student applied for MAP in the previous academic year. N = Student did not apply for MAP in the previous academic year.
16	Paid Previous Year - 1 alpha/numeric character; contains a value as described below: 0 = Student was not paid the previous year. 1 = Student was paid the 1st Semester of the previous year. 2 = Student was paid the 2nd Semester of the previous year. 3 = Student was paid the 1st Quarter of the previous year. 4 = Student was paid the 2nd Quarter of the previous year. 5 = Student was paid the 3rd Quarter of the previous year.
17	Default - 1 alpha/numeric character; contains a value as described below: Y = Student is currently in default on an ISAC guaranteed loan. N = Student is not currently in default on an ISAC guaranteed loan. Blank = Student is not currently in default on an ISAC guaranteed loan.

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Field Number

Field Name and Description

18 **Payment Result Code** - 1 alpha/numeric character; contains a value as described in the two areas below:

MAP (Record Type 5):

Payment requests or cancellations will receive the following MAP result codes if the record formatted by the school does not have valid values:

- 1 = Data edit error.
- 2 = SSN not on ISAC database.
- 3 = School code invalid: is blank or not numeric.

Payment results will have one of the following exception codes:

- * = Payment processed - no reported exception
- B = Payment increased
- C = Payment decreased
- F = Full MAP eligibility units already used
- H = Record previously paid **to your school** for requested term.
- I = Payment reduced, amount claimed is greater than term award
- J = Ineligible for payment due to calculated award amount of zero
- K = Ineligible for payment due to Stafford loan default status
- M = Disqualified record for disqualified reason code as listed
- N = Record previously paid **to another school** as listed for requested term.
- O = Student previously paid as a graduating senior
- P = Student not eligible for term requested. Application received after deadline date.
- R = Payment reduced to maintain ISAC annual award amount limit
- S = Suspended MAP payment
- T = With this payment, student attains 135 MAP Paid Credit Hours. Student will no longer be eligible for MAP payment.
- U = Change in payment was requested; record indicates that no prior payment has been made for this term.
- V = Payment requested for award year not currently being processed.
- W = Eligibility units increased due to change from half-time to full-time enrollment hours.
- X = Eligibility units decreased due to change from full-time to half-time enrollment hours.
- Y = Held payment request - Late Claim
- Z = Held payment request - Insufficient funds available

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IIA (Record Type 9):

- C = Request for IIA payment cancellation processed by ISAC.
- F = Full IIA award already used.
- H = Record previously paid **to your school** for requested term.
- I = Payment processed, no reported exception.
- J = Ineligible for payment due to EFC>0 on the SAR transaction corresponding to the payment request.
- K = Ineligible for payment due to Stafford loan default status.
- L = Ineligible for payment due to non-approved school.
- M = Disqualified record for disqualified reason code as listed.
- N = Record previously paid **to another school** as listed for requested term.
- S = Suspended IIA payment.
- U = Cancel requested; record indicates no prior payment has been made for this term.
- V = Payment requested for award year not currently being processed.
- Y = Held payment request - Late Claim.
- Z = Held payment request - Insufficient funds available.

- 19 **Payment Results Amount Paid for Term** - 7 (including 2 decimal places) signed numeric characters; from zero to max term award
- 20 **Adjusted Amount from Previous Payment Results** - 7 (including 2 decimal places) signed numeric characters; from - max term award to + max term award.
- 21 **Filler** – 2 alpha/numeric characters.
- 22 **Payment Results Process Date/As of Date** - 8 alpha/numeric characters; contains the date that a payment request or cancellation was processed for payment or the date of the eligibility status information.
- 23 **Original SSN (From ISIR)** - 9 numeric characters; SSN from the first ISIR transaction in the current year.
- 24 **Name ID** - 2 alpha/numeric characters; contains the first two letters of the applicant's last name.
- 25 **Late Flag** - 1 alpha/numeric character; contains a value as described below:
 - L = Application received on or after October 1st from a student who did not apply for MAP the previous year; student is ineligible for 1st Semester/Quarter.
 - W = Application received on or after August 16th from a student who applied for MAP the previous year; student is ineligible for 1st Semester/Quarter.
 - A = Payment request will be processed for 1st Semester/Quarter as well as 2nd Semester/Quarter and 3rd Quarter.
 - Q = Payment request will be processed for 2nd Semester/quarter and 3rd quarter only.
 - Blank = Application not received late.

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- 26 **MAP Suspense Flag** - 1 alpha/numeric character; contains a value as described below:
- S = New application received after the suspense date will not be considered for an award this year.
 - A = Appeal granted - Payment request will be processed for 1st Semester/Quarter as well as 2nd Semester/Quarter and 3rd Quarter.
 - Q = Appeal granted - Payment request will be processed for 2nd Semester/Quarter and 3rd Quarter only.
 - Blank = Application not in suspense.
- 27 **Shutdown Flag** - 1 alpha/numeric character; contains a value as described below:
- Z = ISIR transactions received after the shutdown date which result in an increased award amount will not be processed; transactions which lower the award amount will be processed.
 - A = Appeal granted - Payment request will be processed for 1st Semester/Quarter as well as 2nd Semester/Quarter and 3rd Quarter.
 - Q = Appeal granted - Payment request will be processed for 2nd Semester/Quarter and 3rd Quarter only.
 - Blank = Application not in shutdown.
- 28 **Disqualify Flag** - 1 alpha/numeric character; contains a value as described below:
- 1 = Dependent student, parent not Illinois residents.
 - 2 = Independent student not an Illinois resident.
 - 4 = Invalid (or blank) class level, such as graduate student.
 - 6 = Loan default is overridden; payment allowed.
 - 7 = MAP Paid Credit Hours exceed 134.
 - 8 = Student is in default on a Stafford loan.
 - 9 = Other ISAC disqualify.
 - Blank = Not disqualified.
- 29 **MAP Code Paid Term 1** - 3 alpha/numeric characters; contains a value as described below:
- 000 thru 999 = MAP code of the school that was paid for the 1st Semester/Quarter of the current MAP year.
 - Blank = No payment was made for this term.
- 30 **MAP Code Paid Term 2** - 3 alpha/numeric characters; contains a value as described below:
- 000 thru 999 = MAP code of the school that was paid for the 2nd Semester/Quarter of the current MAP year.
 - Blank = No payment was made for this term.
- 31 **MAP Code Paid Term 3** - 3 alpha/numeric characters; contains a value as described below:
- 000 thru 999 = MAP code of the school that was paid for the 3rd Quarter of the current MAP year.
 - Blank = No payment was made for this term.

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**Field
Number**

Field Name and Description

- 32 **Update Type** - 1 alpha/numeric character; contains a value as described below.
- I – Initial Eligibility Status File
U – Updated Eligibility Status File
- 33 **Expanded Reject Reason Code** - 2 alpha/numeric characters; contains a value described below:
- MAP (Record Type 5):**
- Reported with Exception Code:
- PL = First-time student not eligible for 1st term.
PW = Continuing student not eligible for 1st term.
- Reported with a 1 PAYMENT RESULT CODE:
- 1E = MAP PAYMENT REQUEST code (field 6) invalid: not P, C or blank, or ENROLLMENT HOURS (field 39) is blank or not numeric.
1I = IIA PAYMENT REQUEST (field 9) invalid.
1L = Record submitted for a non-approved MAP school (field 1).
1S = **On the Pre-Edit file** - SAR/ISIR transaction number (field 14) invalid: is blank or not numeric.
1S = **On the Payment Results file** - SAR/ISIR transaction not found on ISAC database.
1T = TERM ENROLLED (field 4) invalid: not "1", "2", or "3", is blank, or not numeric.
1U = Requested award amount (field 12) invalid: is blank or not numeric.
1V = College year (field 5) invalid: year is not currently being processed, is blank or not numeric.
- IIA (Record Type 9):**
- 1I = IIA PAYMENT REQUEST (field 9) invalid: not Y or C or is blank.
1L = Record submitted by a non-approved IIA school (field 1).
1S = **On the Pre-Edit file** - SAR/ISIR transaction number (field 14) invalid: is blank or not numeric.
1S = **On the Payment Results file** - SAR/ISIR transaction number not on ISAC database.
1T = TERM ENROLLED (field 4) invalid: not "1", "2", or "3", is blank, or not numeric.
1V = College year (field 5) invalid: year not currently being processed, is blank or not numeric.
- 34 **Filler** – 1 alpha/numeric character.
- 35 **IIA Paid** - 1 alpha/numeric character; contains a value as described below:
- 1 = Paid \$250 previously, may be eligible for \$250 in IIA.
2 = Paid \$500 previously, no longer eligible for IIA.
Blank = Has not received IIA payment.

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<u>Field Number</u>	<u>Field Name and Description</u>
36	<p>Invoice Number - 10 alpha/numeric characters; identifies the invoice on which a student record was processed. Blank means no payment was made for this term.</p> <p>MAP Invoice Number if Record Type = 5 or 6 IIA Invoice Number if Record Type = 9 or 0</p>
37	<p>MAP Paid Credit Hours – 3 numeric characters; contains a value from 0 to 149.</p>
38	<p>Filler – 5 alpha/numeric characters.</p>
39	<p>Enrollment Hours – 4 numeric characters; contains a value as described below</p> <p>Semester schools must be ≥ 3.00 and ≤ 35.00</p> <p>Quarter schools: 0.66 conversion factor must be ≥ 4.00 and ≤ 53.00 1.1 conversion factor must be ≥ 3.00 and ≤ 32.00 3.3 conversion factor must be ≥ 1.00 and ≤ 11.00</p>
40	<p>MAPnet Unique ID - 15 alpha/numeric characters; reserved for ISAC use.</p>
41	<p>MAPnet Sequence # - 2 numeric characters; reserved for ISAC use.</p>
42	<p>Original Yearly Eligible Amount - 6 (including 2 decimal places) numeric characters; may be blank, zero or greater than zero. The Annual Award Amount reported on the Eligibility Status File (EFS) extract to a particular school is to be the Annual Award Amount from the most recent (highest) transaction in which that particular school is one of the six school choices. The award amount can be blank, zero or greater than zero. The transaction number is also to be reported on the ESF in position 157-158.</p>
43	<p>IIA Suspense Flag - 1 alpha/numeric character; contains a value as described below:</p> <p>S = New application received after the suspense date; will not be considered for an award this year. A = Appeal granted - Payment request will be processed for 1st Semester/Quarter as well as 2nd Semester/Quarter and 3rd Quarter. N = Application not in suspense.</p>
44	<p>Original Yearly Eligible Amount Transaction Number - 2 numeric characters; transaction number on which the value in field 42 (Original Yearly Eligible Amount) is based. Contains a value as described below:</p> <p>Valid values: 01 to 99</p>
45	<p>Filler - 2 alpha/numeric characters; reserved for ISAC use.</p>