

**FORMAT and FILE SPECIFICATIONS  
for  
MIRCaI ONLINE TRANSMISSION:**

**EMERGENCY DEPARTMENT and AMBULATORY SURGERY DATA**

**Effective with encounters occurring on or after January 1, 2009**

**Revised March 20, 2008**



Medical Information Reporting for California

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## **ED and AS STANDARD FORMAT AND SPECIFICATIONS FOR ONLINE TRANSMISSION**

### **MINIMUM PC CONFIGURATION**

1. Access to a personal computer (with the following minimum configuration)
  - 300MHz processor, 64 MB RAM, 4 GB hard drive (at least 500MB free)
  - High speed Internet connection (preferred) or 56k modem or faster
  - Microsoft Internet Explorer version 5.0 (or higher) with 128-bit Secure Socket Layer (SSL)
  - Adobe Acrobat Reader version 4.0 (or higher)
  - Virus Checking Software
  - File Compression Program. MIRCAl accepts files that are 3MB or less. Data files over 3MB must be compressed in order to be accepted by MIRCAl.
2. Internet access (ISP)
3. E-mail

### **STANDARD RECORD FORMAT**

Deviation from the format will not be accepted

- One reporting facility and report period per file
- Standard ASCII character coding
- Record length 406 characters followed by a carriage return and line feed
- All fields are left-justified and padded with spaces on the right

### **ADDITIONAL requirements**

- No packed or binary data
- No Null Values
- The data file must be a text file with the extension of ".txt" (if zipped, submit the zipped file with a ".zip" extension)

### **FILE COMPRESSION**

Data files may be compressed (zipped) to speed up the file uploading time. The following compression applications are supported and can be obtained from the manufacturer's website:

- gzip
- Pkzip
- Winzip

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**Standard Record Format**

<b><u>Data Element</u></b>	<b><u>From</u></b>	<b><u>Through</u></b>	<b><u>Format/Field Length</u></b> <sup>1</sup>
Facility Identification Number	1	6	N (6)
Abstract Record Number (Optional)	7	18	A/N (12)
Patient's Social Security Number	19	27	N (9)
ZIP Code	28	32	N (5)
Date of Birth	33	40	N (8)
Sex	41	41	A (1)
Race	42	43	A/N (2)
Ethnicity	44	45	A/N (2)
Service Date	46	53	N (8)
Disposition of Patient	54	55	N (2)
Expected Source of Payment	56	57	A/N (2)
Principal Diagnosis	58	64	A/N (7)
Other Diagnoses	65	232	A/N (7) <sup>2</sup>
Principal E-Code	233	239	A/N (7) <sup>3</sup>
Other E-Codes	240	267	A/N (7)
Principal Procedure	268	272	A/N (5)
Other Procedures	273	372	A/N (5)
National Provider Identifier No.	373	382	N (10)
Principal Language Spoken	383	406	A/N (24)

**Footnotes are on the next page**

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**FOOTNOTES**

<sup>1</sup>Type & Size indicates data type and length (in parentheses). Data type is defined as:

A = Alpha

N = Numeric

A/N = Alphanumeric

<sup>2</sup>Principal and Other Diagnoses fields allow for expansion to accommodate ICD-10-CM codes, which are 7 alphanumeric characters, without the decimal point. Until ICD-10-CM implementation, ICD-9-CM codes will be reported, and consist of 5 alphanumeric characters, without the decimal point, with the last two (2) positions space-filled.

<sup>3</sup>Principal and Other Cause of Injury E-Codes fields allow for expansion to accommodate ICD-10-CM codes, which are 7 alphanumeric characters, without the decimal point. Until ICD-10-CM implementation, ICD-9-CM codes will be reported, and consist of 5 alphanumeric characters, without the decimal point, with the last two (2) positions space-filled.

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FACILITY IDENTIFICATION NUMBER

Record Position:	1 through 6
Data Length:	6
Data Type:	Numeric
Codes:	Facility Identification Number (the unique facility number assigned by OSHPD). This field is required for each record.

ABSTRACT RECORD NUMBER (OPTIONAL)

Record Position:	7 through 18
Data Length:	12
Data Type:	Alphanumeric
Codes:	If not reported, the default value is all spaces.

PATIENT'S SOCIAL SECURITY NUMBER

Record Position:	19 through 27
Data Length:	9
Data Type:	Numeric
Codes:	Enter the full 9-digit SSN including zeros. <b>DO NOT</b> use hyphens. Enter 000000001 (Unknown) if the SSN is not recorded in the patient's medical record.

ZIP CODE

Record Position:	28 through 32
Data Length:	5
Data Type:	Numeric
Codes:	5-digit ZIP Code 99999 (Unknown)

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DATE OF BIRTH

Record Position:	33 through 40
Data Length:	8
Data Type:	Numeric
Codes:	<u>9999</u> <u>99</u> <u>99</u>
	Year      Month      Day

Special Instructions:      Single-digit months and days must include a preceding zero.  
The transmittal process will populate the database field by moving the first 4 digits to the end of the field.  
EXAMPLE: Field in File equals 20040301.  
Database value will contain 03012004. The database value represents the date format mmddccyy.

SEX

Record Position:	41
Data Length:	1
Data Type:	Alpha
Codes:	M Male F Female U Unknown

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RACE

Record Position:	42 through 43
Data Length:	2
Data Type:	Alphanumeric
Codes:	R1 American Indian or Alaska Native R2 Asian R3 Black or African American R4 Native Hawaiian or Other Pacific Islander R5 White R9 Other Race 99 Unknown

ETHNICITY

Record Position:	44 through 45
Data Length:	2
Data Type:	Alphanumeric
Codes:	E1 Hispanic or Latino E2 Non-Hispanic or Non-Latino 99 Unknown

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SERVICE DATE

Record Position: 46 through 53  
Data Length: 8  
Data Type: Numeric  
Codes: 9999      99      99  
Year      Month      Day

Special Instructions: Single-digit months and days must include a preceding zero.  
The transmittal process will populate the database field by moving the first 4 digits to the end of the field.  
EXAMPLE: Field in File equals 20040301.  
Database value will contain 03012004. The database value represents the date format mmddccyy.

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DISPOSITION OF PATIENT

Record Position:	54 through 55
Data Length:	2
Data Type:	Alphanumeric
Codes:	01 Discharged to home or self care (routine discharge)
	02 Discharged/transferred to a short term general hospital for inpatient care
	03 Discharged/transferred to skilled nursing facility (SNF) with Medicare certification in anticipation of covered skilled care
	04 Discharged/transferred to an intermediate care facility (ICF)
	05 Discharged/transferred to another type of institution not defined elsewhere in this code list.
	06 Discharged/transferred to home under care of organized home health service organization in anticipation of covered skilled care
	07 Left against medical advice or discontinued care
	20 Expired
	43 Discharged/transferred to a federal health care facility
	50 Discharged home with hospice care
	51 Discharged to a medical facility with hospice care
	61 Discharged/transferred to a hospital-based Medicare approved swing bed
	62 Discharged/transferred to an inpatient rehabilitation facility (IRF) including rehabilitation distinct part unit of a hospital
	63 Discharged/transferred to a Medicare certified long term care hospital (LTCH)
	64 Discharged/transferred to a nursing facility certified under Medicaid (Medi-Cal), but not certified under Medicare
	65 Discharged/transferred to a psychiatric hospital or psychiatric distinct part unit of a hospital
	66 Discharged/transferred to a Critical Access Hospital (CAH)
	00 Other

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EXPECTED SOURCE OF PAYMENT

Record Position:	56 through 57
Data Length:	2
Data Type:	Alphanumeric
Codes:	09 Self Pay
	11 Other Non-federal programs
	12 Preferred Provider Organization (PPO)
	13 Point of Service (POS)
	14 Exclusive Provider Organization (EPO)
	16 Health Maintenance Organization (HMO)
	Medicare Risk
	AM Automobile Medical
	BL Blue Cross/Blue Shield
	CH CHAMPUS (TRICARE)
	CI Commercial Insurance Company
	DS Disability
	HM Health Maintenance Organization
	MA Medicare Part A
	MB Medicare Part B
	MC Medicaid (Medi-Cal)
	OF Other federal program
	TV Title V
	VA Veteran's Affairs Plan
	WC Workers' Compensation Health Claim
	00 Other

## ED and AS STANDARD FORMAT AND SPECIFICATIONS FOR ONLINE TRANSMISSION

### PRINCIPAL DIAGNOSIS

Record Position:	58 through 64
Data Length:	7
Data Type:	Alphanumeric
Codes:	International Classification of Diseases, 9 <sup>th</sup> Revision, Clinical Modification
Special Instructions:	The ICD-9-CM code must be left-justified and space-filled. Do not code the decimal point. Example: Code the diagnosis as '80521 '. (The last 2 positions are spaces.) Do not include E-codes or M-codes. The default value is all spaces.

### OTHER DIAGNOSES

Record Position:	For each Other Diagnosis Field: 65-71; 72-78; 79-85; 86-92; 93-99; 100-106; 107-113; 114-120; 121-127; 128-134; 135-141; 142-148; 149-155; 156-162; 163-169; 170-176; 177-183; 184-190; 191-197; 198-204; 205-211; 212-218; 219-225; and 226-232. Maximum of 24 Other Diagnoses fields, ending in position 232
Data Length:	7 (Allows for future reporting of ICD-10-CM)
Data Type:	Alphanumeric
Codes:	International Classification of Diseases, 9 <sup>th</sup> Revision, Clinical Modification
Special Instructions:	Fill from the left-most position and <b>DO NOT</b> skip fields. Do not code the decimal point. Example: For position 65-71, code the diagnosis as '80521 '. (The last 2 positions are spaces.) Do not include E-codes or M-codes. When there are no Other Diagnoses, the default value is all spaces.

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### PRINCIPAL EXTERNAL CAUSE OF INJURY E-CODE

Record Position:	233 through 239
Data Length:	7 (Allows for future reporting of ICD-10-CM)
Data Type:	Alphanumeric
Codes:	International Classification of Diseases, 9 <sup>th</sup> Revision, Clinical Modification
Special Instructions:	<p>The ICD-9-CM code must be left-justified and space-filled. Code the 'E' on the file, but do not code the decimal point.</p> <p>Example: Code the cause of injury as 'E8799 '. (The last 2 positions are spaces.)</p> <p>When there is no Principal E-Code, the default value is all spaces.</p>

### OTHER EXTERNAL CAUSE OF INJURY E-CODE

Record Position:	For each Other E-Code field: 240-246; 247-253; 254-260; and 261-267. Maximum of 4 Other E-Code fields, ending in position 267
Data Length:	7 (Allows for future reporting of ICD-10-CM)
Data Type:	Alphanumeric
Codes:	International Classification of Diseases, 9 <sup>th</sup> Revision, Clinical Modification
Special Instructions:	<p>The ICD-9-CM code must be left-justified and space-filled. Fill from the left-most position and <b>DO NOT</b> skip fields. Code the "E" on the file, but do not code the decimal point.</p> <p>Example: In field 240-246, code as 'E8490 '. (The last 2 positions are spaces.)</p> <p>When there are no Other E-Codes, the default value is all spaces.</p>

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### PRINCIPAL PROCEDURE

Record Position:	268 through 272
Data Length:	5
Data Type:	Alphanumeric
Codes:	Current Procedural Terminology – Fourth Edition (CPT-4)
Special Instructions:	The default value is all spaces.

### OTHER PROCEDURES

Record Position:	For each Other Procedure field: 273-277; 278-282; 283-287; 288-292; 293-297; 298-302; 303-307; 308-312; 313-317; 318-322; 323-327; 328-332; 333-337; 338-342; 343-347; 348-352; 353-357; 358-362; 363-367; and 368-372. Maximum of 20 Other Procedure fields, ending in position 372
Data Length:	5
Data Type:	Alphanumeric
Codes:	Current Procedural Terminology – Fourth Edition (CPT-4)
Special Instructions:	Fill from the left-most position and <b>DO NOT</b> skip fields. The default value is all spaces.

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NATIONAL PROVIDER IDENTIFIER NUMBER

Record Position:	373 through 382
Data Length:	10
Data Type:	Numeric
Codes:	Assigned by the CMS National Provider and Provider Enumeration System (NPPES)
Special Instructions:	This is a placeholder for the National Provider Identifier. Facilities may report their NPI, but it is not required by OSHPD. The default value is all zeroes.

PRINCIPAL LANGUAGE SPOKEN

Record Position:	383 through 406
Data Length:	24
Data Type:	Alphanumeric
Codes:	For a list of valid codes, refer to the Definitions of Data Elements – Principal Language Spoken, Section 97267, of the California ED and AS Data Reporting Manual.
Special Instructions:	To be reported for encounters occurring on or after January 1, 2009. This is a free-text field. Enter either one 3-digit value, or if the Principal Language Spoken is not one of the codes listed in the Reporting Manual, then enter the Principal Language Spoken, up to 24 characters. The default value is all spaces.