



## Standard Specification for Coded Values Used in the Electronic Health Record<sup>1</sup>

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### 1. Scope

1.1 This specification covers the identification of the lexicons to be used for the data elements identified in Appendix X1 of Guide E 1384. It is intended to unify the representations for: (1) primary record of care data elements, (2) the data elements identified in other standard statistical data sets, (3) data elements used in other healthcare data message exchange format standards, or (4) in data gathering forms for this purpose, and (5) in data derived from these elements in order that data recorded in the course of patient care be exchangeable and be the source of accurate statistical and resource management data. This specification is applicable to all paper and automated systems.

### 2. Referenced Documents

#### 2.1 ASTM Standards:

E 1238 Specification for Transferring Clinical Observations Between Independent Computer Systems<sup>2</sup>

E 1239 Guide for Description of Reservation/Registration—Admission, Discharge, Transfer (R-ADT) Systems for Automated Patient Care Information Systems<sup>2</sup>

E 1384 Guide for Content and Structure of the Electronic Health Record (EHR)<sup>2</sup>

E 1715 Practice for an Object-Oriented Model for Registration, Admitting, Discharge, and Transfer (RADT) Functions in Computer-Based Record Systems<sup>2</sup>

E 1744 Guide for View of Emergency Medical Care in the Computer-Based Patient Record<sup>2</sup>

#### 2.2 ANSI Standards:<sup>3</sup>

ANS X3.50 Representation of Date and Time

ANS X3.51 Representation of Common Units

#### 2.3 ISO Standards:<sup>3</sup>

ISO 639 Names of Languages

ISO 2955 Representation of SI Units

ISO 3166 Names of Countries

ISO 5218 Representation of Human Sexes

ISO 8601 Representation Dates

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<sup>2</sup> *Annual Book of ASTM Standards*, Vol 14.01.

<sup>3</sup> Available from American National Standards Institute, 11 W. 42nd St., 13th Floor, New York, NY 10036.

#### 2.4 Other Standards:

HL-7 Health Industry Level 7 Interface Standards<sup>4</sup>

### 3. Terminology

#### 3.1 Acronyms: Acronyms:

3.1.1 NCHS—National Center for Health Statistics

3.1.2 NCVHS—National Committee for Vital and Health Statistics

3.1.3 NOS—not otherwise specified

### 4. Significance and Use

4.1 *Purpose*—The approval of Guide E 1384, concerned with the structure and content of the computer-based patient record, now includes a formal indexing of data elements and a cataloging of the minimal essential value set for these elements. Indexing of these data elements with a unique identifier keyed to its position in the logical structure of Appendix X1 of Guide E 1384 now provides a means of cataloging the value sets representing each data element (see Guide E 1384). Specification E 1238, coordinated with Guide E 1239, describes conventions for representing many of the data values for data elements that are included in the more comprehensive listing in Guide E 1384. A comprehensive listing of all of the value sets associated with Guide E 1384 has not yet been assembled. This specification begins to catalog the representation conventions for a number of these elements and in particular to list the coded values. It is important that this catalog consider the traditionally assigned representations for each of these elements, and it must resolve differences in a manner that introduces systematics and consistency into the representation. The catalog must establish both a global framework consistent with international standardization and with long-term growth, while at the same time maximizing familiar or traditional representations. This standard has been developed with input from many organizations, including government agencies and other standards bodies and professional associations, and as a result of the effort to achieve consistency and comprehensiveness among the data dealt with by various standards efforts.

4.2 *General Values*—Early in the coordination of healthcare information standards an informal body, the Healthcare Information Standards Coordinating Committee (HISCC), identified

<sup>4</sup> Available from Health Level 7, Mark McDougall, Executive Director, 900 Victors Way, Suite 122, Ann Arbor, MI 48108.



certain common data element types and agreed upon conventions for representing these data element types in a standard manner. This set the stage for the development of the value sets for the CODED VALUE data type. The status of the standard noncoded data types, and their representations, agreed upon by the HISCC are:

4.2.1 *Person Names*—Specification E 1238, Guide E 1239 and HL-7 use the same representation for American and European forms.

4.2.2 *Addresses*—Common format in Specification E 1238 and Guide E 1239.

4.2.3 *Telephone Numbers*—Specification E 1238 and Guide E 1239 currently use the same representation with area code enclosed in parentheses and country code preceding the parentheses.

4.2.4 *Dates*—Date and time represented as ANS X3.51-1986/ISO 8601-1988 with years in four digits; time not separated from date by “T” as permitted by ISO 8601.

4.2.5 *Numbers*—Numbers are represented either as integers or fixed point numbers; exponential notation not presently accepted in Specification E 1238, Guide E 1239, or HL-7. Units of Measure by ISO 2955-1983 or ANS X3.50-86.

4.2.6 *Strings*—7-bit ASCII characters; multilingual character sets not yet defined.<sup>5</sup>

## 5. Assignment of Coded Values

5.1 The major important data elements in Guide E 1384 having coded data types and the current status of the cataloging of their values are:

01035	Patient Multiple Birth code (5.2.23)
01040	Sex (5.2.20)
01042	Race (5.2.3)
01045	Ethnicity (5.2.4)
01047	Religion (5.2.7)
01052	Marital status (5.2.2)
01055	Nationality/Country of Origin (5.2.6)
01057	Language (5.2.5)
01060	Educational Level (5.2.8)
	Educational Certification (5.2.9)
01062	Current Work Status (5.2.24)
01065	Occupation (5.2.11), also 01070,01090.03
01067	Current Vocational Status (5.2.25)
01085	Usual Living arrangement (5.2.26)
01099	Foreign Residency Code (5.2.27)
01090.03	Family Relationship (5.2.10)
01155	Color Eyes (5.2.38)
01160	Color Hair (5.2.39)
01175	Body Build for Identification (5.2.40)
02052	Durable Power of Attorney Status (5.2.28)
04001.50	Professional Specialty (5.2.16)
09001.12	Body System/Region (5.2.22)
14001.A002	Patient (Encounter) Type/Admission Source (5.2.17)
14001.A004	Confidentiality Status (5.2.1)
14001.A013	Facility Care/Healthcare setting (5.2.18)
14001.A016	Reason for Visit (5.2.19)
14001.A021	Mode of Arrival (5.2.29)
14001.A030	Nature of Injury (5.2.30)
14001.A033	Mode of Injury (5.2.31)
14001.A034	Product of Injury (5.2.37)
14001.A044	Protective Equipment Used (5.2.32)
14001.A063	Patient Admission Type (5.2.12)
14001.A110	Professional Specialty (5.2.16)
14001.A133	Accommodation type (5.2.15)

14001.A163.01	Patient In-residence Transfer Type (5.2.13)
14001.A170	Diagnosis (5.2.33)
14001.A170.01	Diagnosis Type (5.2.34)
14001.A170.02	Diagnosis Status Code (5.2.35)
14001.A186.01	Current Clinical Status (5.2.36)
14001.A223	Source of Payment Code (5.2.21)
14001.F050	Discharge Disposition Category (5.2.14)

This standard identifies the current value list for each of these elements as of the approval date of this standard (see footnote 1) and states the evolving status of this catalog as the knowledge of the use of these elements expands as a result of ongoing investigation. Each element is identified by the index assigned to it in the revised Appendix X1 of Guide E 1384. Moreover, the definition for that element from the Data Element Catalog (5) is included with the value set.

5.2 *Value Set Tables*—These tables collect the representation of coded data values for specific data elements in computer-based patient record structures identified in Appendix X1 of Guide E 1384. The terms listed here are the minimal essential ones but may be further subclassified to include more specific terms by appropriate extensions of the included terms.

5.2.1 *Confidentiality Status*—This data element, Index: 14001.A004, contains the minimal commonly used values appearing in both manual and automated systems. See Specification E 1238.

Unwed mother	UWM
Celebrity	VIP
Psychiatric patient	PSY
Employee	EMP
AIDS patient	AID
HIV patient	HIV
Alcohol/Drug patient	ETH
Usual control	U
Restricted	R
Very restricted	V

5.2.2 *Marital Status*—This data element, Index: 01052, encompasses the values noted by Westermeyer (6), Bureau of Census, the VA DHCP system, the DoD CHCS system, the X12 835 Transaction Set (7), UB-82 (8), and used in common practice.

Never married	B
Single	S
Married	M
Divorced	D
Divorced/annulled	L
Divorced/separated	H
Annulled	N
Widowed	W
Separated, NOS	A
Separated, legal	E
Separated, nonlegal	K
Marriage, separation, temporary absence	X
Marriage, separation, permanent absence	V
Consensual union	J
Unknown	U
Common Law	C
Domestic Partner	P
Registered Domestic Partner	R
Living together	G
Interlocutory	I
Other	O
Unreported	T

5.2.3 *Race*—This data element, Index: 01042, indicates the region of the world from which the patient’s ancestors came. This is a biologic attribute that very generally indicates possible biologic diversity to which the patient might be

<sup>5</sup> The boldface numbers in parentheses refer to the list of references at the end of this standard.



subject. Due to ambiguity inherent in the diversity of the large number of inherited attributes which might characterize such ancestry, other data elements of the care record will be required to assign meaning to the value set recorded for this attribute. Therefore, utilization of these other attributes is strongly recommended. Currently, to be consistent with census data, the six values given in OMB Directive 15 are recommended.

American Indian/Alaska Native	1002-5
Asian	2028-9
Black	2054-5
Hawaiian/Pacific Islander	2076-8
White	2106-3
Other	2131-3

**5.2.4 Ethnicity**—In keeping with current demographic practice, this data element, Index: 01045, reflects the ethnic cultural group with which the patient identifies. Multiple selections may be made. Each value has associated with it an ancestral cultural origin tag that is most closely associated with the ancestral geographic origin of that cultural pattern. This tag does not signify the ancestral biologic characteristics of the individual which is recorded in other data elements of the record. See Fig. 1.

**5.2.5 Language**—This data element, Index 01058, is specified by the two character lower case code in ISO 639 Table 1. The upper case three character code, now in ISO balloting may be added in a future revision of this specification. The language symbol only is shown here, but an original name and French language name are available (see Fig. 2 for list).

**5.2.6 Nationality/Country of Origin**—This data element, Index: 01055, Citizenship, is specified by ISO 3166. The two letter codes are shown here. A three letter and a numeric code exists for each entry. New entries may be added in the future.

AFG	AF	AFGHANISTAN
ALB	AL	ALBANIA
DZA	DZ	ALGERIA
ASM	AS	AMERICAN SAMOA
AND	AD	ANDORRA
AGO	AO	ANGOLA
	AI	ANGUILLA
ATA	AQ	ANTARCTICA
ATG	AG	ANTIGUA AND BURBUDA
ARG	AR	ARGENTINA
ARM		ARMENIA
ABW	AW	ARUBA
AUS	AU	AUSTRALIA
AUT	AT	AUSTRIA
AZE		AZERBAIJAN
BHS	BS	BAHAMAS
BHR	BH	BAHRAIN
BGD	BD	BANGLADESH
BRB	BB	BARBADOS
BLR		BELARUS
BEL	BE	BELGIUM
BLZ	BY	BELIZE
BEN	BJ	BENIN
BMU	BM	BERMUDA
BTN	BT	BHUTAN
BOL	BO	BOLIVIA
BIH		BOSNIA HERZOGOVINA
BWA	BW	BOTSWANA
BVT	BV	BOUVET ISLAND
BRA	BR	BRAZIL
IOT	IO	BRITISH INDIAN OCEAN TERRITORY
BRN	BN	BRUNEI DARUSSALAM
BGR	BG	BULGARIA
BFA	BF	BURKINA FASO
MMR	BU	BURMA/MYANMAR
BDI	BI	BURUNDI

KAM	KH	CAMBODIA
CMR	CM	CAMEROON
CAN	CA	CANADA
CPV	CV	CAPE VERDE
KY		CAYMAN ISLANDS
CAF		CENTRAL AFRICAN REPUBLIC
TCD	TD	CHAD
CHL	CL	CHILE
CHN	CN	CHINA
CXR	CX	CHRISTMAS ISLAND
CCK	CC	COCOS (KEELING) ISLANDS
COL	CO	COLUMBIA
	KM	COMOROS
COG	CG	CONGO (FORMERLY ZAIRE)
COD		CONGO, DEMOCRATIC REPUBLIC OF
		COOK ISLANDS
CRI	CR	COSTA RICA
CIV	CI	COTE D'IVOIRE
HRV		CROATIA
CUB	CU	CUBA
CYP	CY	CYPRUS
CZE	CS	CZECH REPUBLIC
DNK	DK	DENMARK
DJI	DJ	DJIBOUTI
DMA	DM	DOMINICA
DOM	DO	DOMINICAN REPUBLIC
TMP	TP	EAST TIMOR
ECU	EC	ECUADOR
EGY	EG	EGYPT
SLV	SV	EL SALVADOR
GNQ	GQ	EQUATORIAL GUINEA
EST		ESTONIA
ETH	ET	ETHIOPIA
FLK	FK	FALKLAND ISLANDS
FRO	FO	FAROE ISLANDS
FJI	FJ	FIJI
FIN	FI	FINLAND
FRA	FR	FRANCE
GUF	GF	FRENCH GUYANA
PYF	PF	FRENCH POLYNESIA
AFT	TF	FRENCH SOUTHERN TERRITORIES
GAB	GA	GABON
GMB	GM	GAMBIA
DEU	DE	GERMANY, FEDERAL REPUBLIC OF
GHA	GH	GHANA
GIB	GI	GIBRALTAR
GRC	GR	GREECE
GR		
GRL	GL	GREENLAND
GRD	GD	GRENADA
GLP	GP	GUADALOUPE
GUM	GU	GUAM
GTM	GT	GUATEMALA
GIN	GN	GUINEA
GNB	GW	GUINEA-BISSAU
GUY	GY	GUYANA
HTI	HT	HAITI
HMD	HM	HEARD AND MCDONALD ISLANDS
HND	HN	HONDURAS
HKG	HK	HONG KONG
HUN	HU	HUNGARY
ISL	IS	ICELAND
IND	IN	INDIA
IDN	ID	INDONESIA
IRN	IR	IRAN
IRQ	IQ	IRAQ
IRL	IE	IRELAND
ISR	IL	ISRAEL
ITA	IT	ITALY
JAM	JM	JAMAICA
JPN	JP	JAPAN
JOR	JO	JORDAN
KAZ		KAZAKSTAN
KEN	KE	KENYA
KIR	KI	KIRIBATI
PRK	KP	KOREA, DEMOCRATIC PEOPLES REPUBLIC



KOR	KR	KOREA,REPUBLIC OF	SGP	SG	SINGAPORE
KWT	KW	KUWAIT	SVK		SLOVAKIA
KGZ		KYRGYZSTAN	SVN		SLOVENIA
LAO	LA	LAO PEOPLES DEMOCRATIC RE- PUB	SLB	SB	SOLOMON ISLANDS
		LATVIA	SOM	SO	SOMALIA
LVA		LEBANON	ZAF	ZA	SOUTH AFRICA
LBN	LB	LEBANON	SGS		SOUTH GEORGIA AND SOUTH SANDWICH IS
LSO	LS	LESOTHO			SPAIN
LBR	LR	LIBERIA	ESP	ES	SRI LANKA
LBY	LY	LIBYAN ARAB JAMAHIRIYA	LKA	LK	ST HELENA
LIE	LI	LIECHTENSTEIN	SHN	SH	ST PIERRE AND MILQUELON
LTU		LITHUANIA	SPM	PM	SUDAN
LUX	LU	LUXEMBOURG	SDN	SD	SURINAM
MAC		MACAO	SUR	SR	SVALBARD AND JAN MAYEN IS
	MO	MACAW	SJM	SJ	SWAZILAND
MKD		MACEDONIA, FORMER YUGOSLAV REPUBLIC	SWZ	SZ	SWEDEN
		MADAGASCAR	SWE	SE	SWITZERLAND
MDG	MG	MADAGASCAR	CHE	CH	SYRIAN ARAB REPUBLIC
MWI	MW	MALAWI	SYR	SY	TAIWAN,PROVINCE OF CHINA
MYS	MY	MALAYSIA	TWN	TW	TAJIKISTAN
MDV	MV	MALDIVES	TJK		TANZANIA,UNITED REPUBLIC OF
MLI	ML	MALI	TZA	TZ	THAILAND
MLT	MT	MALTA	THA	TH	TOGO
MHL	MH	MARSHALL ISLANDS	TGO	TG	TOKELAU
MTQ	MQ	MARTINIQUE	TKL	TK	TONGA
MRT	MR	MAURITANIA	TON	TO	TRINIDAD AND TOBAGO
MUS	MU	MAURITIUS	TTO	TT	TUNISIA
MYT		MAYOTTE	TUN	TN	TURKEY
MEX	MX	MEXICO	TUR	TR	TURKMENISTAN
FSM	FM	MICRONESIA	TKM		TURKS AND CAICOS ISLANDS
MCO	MC	MONACO	TCA	TC	TUVALU
	MN	MONGOLIA	TUV	TV	UGANDA
MSR	MS	MONTSEERRAT	UGA	UG	UKRAINE
MAR	MA	MOROCCO	UKR	UA	UNITED ARAB EMIRATES
MOZ	MZ	MOZAMBIQUE	ARE	AE	UNITED KINGDOM
NAM	NA	NAMIBIA	GBR	GB	UNITED STATES
NRU	NR	NAURU	USA	US	UNITED STATES MINOR OUTLYING ISLANDS
NPL	NP	NEPAL	UMI	UM	URUGUAY
NLD	NL	NETHERLANDS			USSR
ANT	AN	NETHERLANDS ANTILLES	URY	UY	UZBEKISTAN
	NT	NEUTRAL ZONE	SU	SU	VANUATU
NCL	NC	NEW CALEDONIA	UZB		VATICAN CITY STATE (HOLY SEE)
NZL	NZ	NEW ZEALAND	VUT	VU	VENEZUELA
NIC	NI	NICARAGUA	VAT	VA	VIET NAM
NER	NE	NIGER	VEN	VE	VIRGIN ISLANDS,BRITISH
NGA	NG	NIGERIA	VNM	VN	VIRGIN ISLANDS,US
NIU	NU	NIUE	VGB	VG	WALLACE AND FUTUNA ISLANDS
NFK	NF	NORFOLK ISLAND	VIR	VI	WESTERN SAHARA
MNP	MP	NORTHERN MARIANAS	WLF	WF	YEMEN
NOR	NO	NORWAY	ESH	EH	YEMEN,DEMOCRATIC
OMN	OM	OMAN	YEM	YE	YUGOSLAVIA
PAK	PK	PAKISTAN	YD		ZAIRE
PLW	PW	PALAU	YUG	YU	ZAMBIA
PAN	PA	PANAMA	ZR		ZIMBABWE
PNG	PG	PAPUA NEW GUINEA	ZMB	ZM	
PRY	PY	PARAGUAY	ZWE	ZW	
PER	PE	PERU			
PHL	PH	PHILIPPINES			
PCN	PN	PITCAIRN			
POL		POLAND			
PRT	PT	PORTUGAL			
PRI	PR	PUERTO RICO			
QAT	QA	QATAR			
REU	RE	REUNION			
ROM	RO	ROMANIA	ADC		ADVENT CHRISTIAN CHURCH
RUS		RUSSIAN FEDERATION	AGN		AGNOSTIC
RWA	RW	RWANDA	ACC		AMERICAN COUNCIL OF CHRISTIAN CHURCHES
KNA	KN	SAINT KITTS AND NEVIS	ANG		ANGLICAN ORTHODOX CHURCH
LCA	LC	SAINT LUCIA	ASB		ASBURY BIBLE CHURCHES
VCT	VC	SAINT VINCENT AND THE GRENA- DINES	AOG		ASSEMBLIES OF GOD
		SAMOA	AGC		ASSOCIATED GOSPEL CHURCHES
WSM	WS	SAMOA	ATH		ATHEIST
SMR	SM	SAN MARINO	BAH		BAHAI
STP	ST	SAO TOME AND PRINCIPE	BBF		BAPTIST BIBLE FELLOWSHIP
SAU	SA	SAUDIA ARABIA	BAO		BAPTIST CHURCHES,OTHER
SEN	SN	SENEGAL	BAG		BAPTIST GENERAL CONFERENCE
SYC	SC	SEYCHELLES	BAM		BAPTIST MISSIONARY ASSOCIATION OF AMERICA
SLE	SL	SIERRA LEONE	ABA		BAPTIST,AMERICAN BAPTIST ASSOCIATION

5.2.7 Religion—This data element, Index: 01047, includes values assembled for the United States by the Dept. of Defense, the Dept. of Veterans Affairs, the Bureau of Census, and the NCVHS. It includes terms of general category as well as more specific classifications of religious denominators.





ABC	BAPTIST,AMERICAN BAPTIST CHURCHES	ELF	ELIM FELLOWSHIP
ABU	BAPTIST,AMERICAN BAPTIST CHURCHES IN THE USA	ELA	ELIM MISSIONARY ASSEMBLIES
ABN	BAPTIST,AMERICAN BAPTIST CONVENTION	EPI	EPISCOPAL,NOS
CBA	BAPTIST,CONSERVATIVE BAPTIST ASSOCIATION OF AMERICA	EPE	EPISCOPAL:PROTESTANT EPISCOPAL CHURCH
BAP	BAPTIST:NOS	ERC	EPISCOPAL:REFORMED EPISCOPAL CHURCH
FWB	BAPTIST:FREE WILL BAPTISTS	ERL	ETHNIC RELIGIONIST
BFN	BAPTIST:FREE WILL BAPTISTS,NC STATE CONVENTION OF	ECA	EVANGELICAL CHURCH ALLIANCE
BAA	BAPTIST:GENERAL ASSOCIATION OF GENERAL BAPTISTS	ECN	EVANGELICAL CHURCH OF NORTH AMERICA
BAR	BAPTIST:GENERAL ASSOCIATION OF REGULAR BAPTIST CHURCHES	ECC	EVANGELICAL COVENANT CHURCH IN AMERICA
BAI	BAPTIST:INDEPENDENT BAPTIST CHURCHES	EFC	EVANGELICAL FREE CHURCH OF AMERICA
BIB	BAPTIST:INDEPENDENT BAPTIST MISSION	FRQ	FRIENDS
BFW	BAPTIST:NATIONAL ASSOCIATION OF FREE WILL BAPTISTS	FRA	FRIENDS:EVANGELICAL FRIENDS ALLIANCE
BNC	BAPTIST:NATIONAL BAPTIST CONVENTION OF AMERICA	FRK	FRIENDS:KANSAS YEARLY MEETING OF FRIENDS
BNU	BAPTIST:NATIONAL BAPTIST CONVENTION,U-SA,INC	FRO	FRIENDS:OHIO YEARLY MEETING OF FRIENDS
BNA	BAPTIST:NORTH AMERICAN BAPTIST CONFERENCE	GCC	GENERAL COMMISSION ON CHAPLAINS & ARMED FORCES PERSONNEL
BPN	BAPTIST:PROGRESSIVE NATIONAL BAPTIST CONVENTION,INC	GCB	GENERAL CONFERENCE OF THE BRETHREN CHURCH
BGG	BAPTIST:SEVENTH DAY BAPTIST GENERAL CONFERENCE	GGF	GRACE GOSPEL FELLOWSHIP
SOU	BAPTIST:SOUTHERN BAPTIST CONVENTION	HIN	HINDU
BSF	BAPTIST:SOUTHWIDE BAPTIST FELLOWSHIP	HOT	HINDU,OTHER
BUE	BAPTIST:UKRANIAN EVANGELICAL BAPTIST CONFERENCE	HSH	HINDU,SHAIVITES
BWB	BAPTIST:WORLD BAPTIST FELLOWSHIP	HVA	HINDI,VAISHNAVITES
BPC	BIBLE PROTESTANT CHURCH	ICA	INDEPENDENT CHURCHES AFFILIATED
BRC	BRETHREN CHURCH	IDE	INDEPENDENT DENOMINATIONAL ENDORSING AGENCIES
BCF	BRETHREN IN CHRIST FELLOWSHIP	IFB	INDEPENDENT FUNDAMENTAL BIBLE CHURCHES
BUD	BUDDHISM	IFC	INDEPENDENT FUNDAMENTAL CHURCHES OF AMERICA
BMA	BUDDHIST,MAHAYANA	ICF	INTERNATIONAL CHURCH OF THE FOURSQUARE GOSPEL
BOT	BUDDHIST,OTHER	JAI	JAIN
BTA	BUDDHIST,TANTRAYANA	JWN	JEHOVAH'S WITNESSES
BTH	BUDDHIST,THERAVADA	JCO	JUDAISM,CONSERVATIVE
LCC	CATHOLIC:LIBERAL CATHOLIC CHURCH	JEW	JUDAISM,NOS
CAT	CATHOLIC:ROMAN CATHOLIC CHURCH	JOR	JUDAISM,ORTHODOX
CBC	CENTRAL BIBLE CHURCH	JOT	JUDAISM,OTHER
CFR	CHINESE FOLK RELIGION	JRC	JUDAISM,RECONSTRUCTIONIST
CMA	CHRISTIAN AND MISSIONARY ALLIANCE	JRF	JUDAISM,REFORMED
CCH	CHRISTIAN CHURCH(DISCIPLES OF CHRIST)	JRN	JUDAISM,RENEWAL
CCA	CHRISTIAN CHURCHES AND CHURCHES OF CHRIST	LCA	LUTHERAN CHURCH IN AMERICA
COM	CHRISTIAN COMMUNITY	LMS	LUTHERAN CHURCH-MISSOURI SYNOD
CCR	CHRISTIAN CRUSADE	LCH	LUTHERAN CHURCHES
CRR	CHRISTIAN REFORMED CHURCH	LCU	LUTHERAN COUNCIL IN THE USA
CHS	CHRISTIAN SCIENCE	LUA	LUTHERAN,AMERICAN
COT	CHRISTIAN,OTHER	LUT	LUTHERAN,NOS
CHR	CHRISTIAN-NO DENOMINATIONAL PREFERENCE	LEC	LUTHERAN:EVANGELICAL LUTHERAN CHURCHES,ASSOCIATION OF
COC	CHURCH OF CHRIST	FLG	LUTHERAN:FREE LUTHERAN CONGREGATIONS, THE ASSOCIATION OF
COG	CHURCH OF GOD	LIC	LUTHERAN:INDEPENDENT LUTHERAN CHURCHES
CGG	CHURCH OF GOD GENERAL CONFERENCE	MEN	MENNONITE
COI	CHURCH OF GOD IN CHRIST	MET	METHODIST CHURCHES
CGN	CHURCH OF GOD IN NORTH AMERICA	MPC	METHODIST PROTESTANT CHURCH
CGP	CHURCH OF GOD OF PROPHECY	AMT	METHODIST:AFRICAN METHODIST EPISCOPAL CHURCH
CGI	CHURCH OF GOD(ANDERSON,IN)	AME	METHODIST:AFRICAN METHODIST EPISCOPAL ZION CHURCH
CGT	CHURCH OF GOD(CLEVELAND,TN)	MEC	METHODIST:CHRISTIAN METHODIST EPISCOPAL CHURCH
MOM	CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS-LDS	MEV	METHODIST:EVANGELICAL METHODIST CHURCH
REO	CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS REORGANIZED	MEA	METHODIST:EVANGELICAL METHODIST CHURCH OF AMERICA
NAZ	CHURCH OF THE NAZARENE	MFR	METHODIST:FREE METHODIST CHURCH OF NORTH AMERICA
CUB	CHURCH OF THE UNITED BRETHERN IN CHRIST	MFM	METHODIST:FUNDAMENTAL METHODIST CHURCH INC
CHC	CHURCHES OF CHRIST	MPM	METHODIST:PRIMITIVE METHODIST CHURCH
CCU	CHURCHES OF CHRIST IN CHRISTIAN UNION	MPU	METHODIST:PRIMITIVE METHODIST CHURCH USA
CGE	CHURCHES OF GOD GENERAL CONFERENCE	MSC	METHODIST:SOUTHERN METHODIST CHURCH
CNF	CONFUCIAN	WMC	METHODIST:THE WESLEYAN CHURCH
CMC	CONGREGATIONAL METHODIST CHURCH	UMD	METHODIST:UNITED METHODIST CHURCH
CEC	CONGREGATIONAL:EVANGELICAL CONGREGATIONAL CHURCH	MBC	MILITANT FUNDAMENTAL BIBLE CHURCHES
CCC	CONSERVATIVE CONGREGATIONAL CHRISTIAN CONFERENCE	MCA	MISSIONARY CHURCH ASSOCIATION
		MCT	MISSIONARY CHURCH,THE
		MOC	MORAVIAN CHURCH
		MOS	MUSLIM,NOS



MOT	MUSLIM,OTHER
MSH	MUSLIM,SHIITE
MSU	MUSLIM,SUNNI
NAC	NATIONAL ASSOCIATION OF CONGREGATIONAL CHRISTIAN CHURCHES
NAE	NATIONAL ASSOCIATION OF EVANGELICALS
NFB	NATIONAL FELLOWSHIP OF GRACE BRETHERN CHURCHES
NAM	NATIVE AMERICAN
NRL	NEW RELIGIONIST
NPR	NO PREFERENCE RECORDED
NOE	NO RELIGIOUS PREFERENCE
OBS	OPEN BIBLE STANDARD CHURCHES,INC
OCA	ORTHODOX CHURCH IN AMERICA
EOT	ORTHODOX,EASTERN CHURCHES,NOS
GRE	ORTHODOX,GREEK
ORT	ORTHODOX,NOT SPEC
ORR	ORTHODOX,RUSSIAN
OTH	OTHER RELIGIONS
PEG	PENTECOSTAL CHURCH OF GOD OF AMERIC- A,INC
PEC	PENTECOSTAL CHURCHES
PEH	PENTECOSTAL HOLINESS CHURCH
PEN	PENTECOSTAL,NOS
COP	PENTECOSTAL,OTHER
PEF	PENTECOSTAL:FULL GOSPEL PENTECOSTAL AS- SOCIATION
PEU	PENTECOSTAL:UNITED PENTECOSTAL CHURCH,INTERNATIONAL
PLB	PLYMOUTH BRETHREN
PCA	PRESBYTERIAN CHURCH IN AMERICA
PRU	PRESBYTERIAN CHURCH IN THE UNITED STATES
PCH	PRESBYTERIAN CHURCHES
PCC	PRESBYTERIAN COUNCIL FOR CHAPLAINS AND MILITARY PERSONNEL
ARP	PRESBYTERIAN,ASSOCIATED REFORMED PRES- BYTERIAN CHURCH
PBP	PRESBYTERIAN:BIBLE PREBYTERIAN CHURCH
PCU	PRESBYTERIAN:CUMBERLAND PRESBYTERIN CHURCH
PRE	PRESBYTERIAN:NOS
PRP	PRESBYTERIAN:ORTHODOX PRESBYTERIAN CHURCH
PRV	PRESBYTERIAN:REFORMED PRESBYTERIAN CHURCH,EVANGELICAL SYNOD
PUS	PRESBYTERIAN:UNITED PRESBYTERIAN CHURCH IN THE USA
PEU	PRESBYTERIAN:UNITED PRESBYTERIAN CHURCH,EVANGELICAL SYNOD
PRC	PROTESTANT,OTHER CHURCHES
PRO	PROTESTANT-NO DENOM PREF
RCA	REFORMED CHURCH IN AMERICA
RCU	REFORMED CHURCH IN THE UNITED STATES
REC	REFORMED CHURCHES
RLD	REORGANIZED CHURCH OF JESUS OF LATTER DAY SAINTS
SAA	SALVATION ARMY
SCG	SCHWENKENSFELDER CHURCHES,THE GENERAL CONFERENCE OF
SEV	SEVENTH DAY ADVENTIST
SHN	SHIINTOIST
SIK	SIKH
SPI	SPIRITIST
SWC	THE SWEDENBORGIAN CHURCH,GENERAL CON- FERENCE OF
TRC	TIOGA RIVER CHRISTIAN CONFERENCE
UNU	UNITARIAN UNIVERSALIST ASSOCIATION
UNI	UNITARIAN,NOS
UCH	UNITED CHRISTIAN CHURCH
VAR	UNKNOWN
WES	WESLEYAN

E1 to E8 Elementary  
S1 to S4 Secondary  
C1 to C5 College BaccaLaureate  
P1 to P9 Professional

**5.2.9 Educational Certification**—This data element reflects the Certification of Educational Experience for credentialing of healthcare practitioners. It reflects the terminology used by the Dept. of Veterans Affairs, the Dept. of Defense, and state licensing agencies.

High School Attendance Certificate  
Less Than High School Diploma  
Certificate of High School Equivalent  
High School Diploma  
1st Yr College Level Certificate  
College Certificate of Attendance  
Associate Degree  
College Certificate of Completion  
Professional Nursing Diploma  
Baccalaureate  
First Professional Degree  
Masters  
Post Masters  
Doctorate

**5.2.10 Family Relationship**—This data element, Index: 01090.03, is used to reflect the relationship of a family member, or other person, to the patient. It includes the values used by the Dept. of Veterans Affairs, Dept. of Defense, ANSI X12 835 Transaction Set, UB-82 (8), and the NCVHS data sets.

Self	SEL
Adopted son	ASN
Adopted daughter	ADT
Aunt	AUN
Brother	BRO
Brother-in-law	BIL
Cousin	COU
Natural child	NCH
Child	CHD
Son	SON
Daughter	DGT
Daughter-in-law	DIL
Father-in-law	FIL
Foster child	FCH
Grandparent	GRP
Grandfather	GRF
Grandmother	GRM
Grandchild	GCH
Granddaughter	GDT
Grandson	GSN
Great grandfather	GGF
Great grandmother	GGM
Half brother	HBR
Half sister	HSI
Parent	PAR
Father	FTH
Mother	MTH
Mother-in-law	MIL
Nephew	NEP
Niece	NIE
Sister	SIS
Sister-in-law	SIL
Son-in-law	SOL
Stepchild	SCH
Stepbrother	SBR
Stepdaughter	SDG
Stepsister	SSI
Stepson	SSO
Uncle	UNC
Unrelated friend	FND
Ward	WRD
Spouse	SPO
Husband	HUS

**5.2.8 Educational Level**—This data element, Index: 01060, is stated such that the general level and year within that level is expressed in a way that comparably reflects the educational practice in most national settings.



Wife	WIF
Unknown	UNK
None	NON
Other	OTH
Associate	ASC
Caregiver	CGV
Life partner	DOM
Emergency contact	EMC
Employee	EME
Employer	EMR
Extended family	EXF
Guardian	GRD
Manager	MGR
Other adult	OAD
Trainer	TRA

Medevac
No Follow-up
Routine Discharge to Home

5.2.11 *Occupation*—This data element, Indices: 01065.—Current Occupation, 01070.—Previous Occupations and 0.1090.23—Family Member Occupation, reflects the terms used in the Standard Occupational Classification 1996 (2), those used in the U.S. 1990 Census (1) and those in the ILO list of International Standard Classification of Occupations 1968 (ISCO-68) incorporated into SNOMED (3). ISCO – 88 includes a four digit code that is the basis for several national systems for classifying occupations. SNOMED-III, released in 1993, continues to use ISCO-68. This scheme also includes terms from the Occupation Employment Survey (2) which is being incorporated into the new classification by the US Dept. of Labor, Bureau of Labor Statistics beginning in 1997 replacing older schemes. The terms listed here from that new scheme have been cross referenced to these older schemes in coordination with the US Dept. of Labor. The new vocabulary is intended to be able to also relate health care resource management issues to the labor market. See Fig. 3.

5.2.12 *Patient Admission Type*—This data element, Index: 14001.A063, is used to categorize the type of inpatient encounter but is not used for other encounter types.

Admission, pre-admit (elective)
Admission, walk-in (urgent)
Admission, emergency room
Admission, referred
Newborn

5.2.13 *Patient Transfer Type*—This data element: Index: 14001.A163.01, is used to characterize the movement of inpatients either physically or administratively between nursing units.

Inter Clinical Care Unit
Inter Clinical Service

5.2.14 *Discharge Disposition*—This data element, Index: 14001.F050, is the general nature of the activity to which the patient is consigned following the encounter, either inpatient or ambulatory. A separate data element contains the specific name of the destination.

Acute Care Facility
Expired
Follow-up: Admit to Residential Care Facility
Follow-up: Other
Follow-up: Refer to Adjunct Provider Agency
Follow-up: Refer to Consulting Provider
Follow-up: Refer to Other Provider
Follow-up: Returned to Referring Provider
Follow-up: Scheduled
Follow-up: Telephone
Follow-up: Transferred to Another Provider
Follow-up: Not Scheduled
Left Against Medical Advice (AMA)

5.2.15 *Accommodation Type*—This data element, Index: 14001.A133, denotes the clinical service, or organizational unit dedicated to a particular professional specialty or orientation, to which the patient is assigned and is responsible for that patient's care.

5.2.16 *Professional Specialty*—This data element, Index: 04001.50, is the nature of the professional specialties held by a practitioner and include the terms used by the ANSI X12835 Transaction Set (7), UB-82 (8), the American Medical Association, American Dental Association, the American Nurses Association, and other professional bodies providing licensed or certified practitioners. This list (see Fig. 4 for list) may not be complete and may also be included with the Standard Occupational Classification system noted above as extensions to the scheme. At this time, however, it is presented separately until agreement on such an approach is reached.

5.2.17 *Patient Type*—This data element, Index: 14001.A002, reflects the type of the patient presenting for an encounter in terms of the nature of services to be provided. It includes the categorizations used in the NCVHS Standard data sets.

Emergency: NOS
Emergency Trauma Level 1
Emergency Trauma Level 2
Emergency Trauma Level 3
Emergency Trauma Level 4
Inpatient: Acute Care Hospital
Inpatient: Long Term Care Hospital
Inpatient: NOS
Inpatient: Skilled Nursing Facility
Inpatient: Pre-admit
Outpatient: Clinic
Outpatient: Hospital
Outpatient: NOS
Outpatient: Private Practice
Home Health: NOS

5.2.18 *Facility Type/Healthcare Setting*—This data element, Index: 14001.A013, categorizes the healthcare setting provided by the facility at which the encounter occurs. It reflects the terminology used in the NCHS Standard data sets and that in Guide E 1384, which contains all of these categories (see Fig. 5 for list).

5.2.19 *Reason for Visit*—This data element, Index: 14001.A016, reflects the reason the patient sought the services of a healthcare provider.

NCHS Reason for Visit list (4)

5.2.20 *Sex*—This data element, Index: 01040, uses the ISO 5218 terminology.

Female	F
Male	M
Unknown	U
Male Pseudohermaphrodite	MP
Female Pseudohermaphrodite	FP
Hermaphrodite	H
Male changed to Female	MC
Female changed to Male	FC
Other	O
Ambiguous	A
Not Applicable	N

5.2.21 *Source of Payment*—This data element, Index:



14001.A223, reflects the general means by which the charges for the encounter will be paid. It includes the terms used in the NCVHS standard datasets, the ANSI X12 835 Transaction set (7), (UB-92) (8), and other commonly used claim terminologies.

- Commercial Ins, HMO
- Commercial Ins, Other
- Employer Hlth Plan, BC/BS
- Employer Hlth Plan, HMO
- Employer Hlth Plan, Other
- Govt, CHAMP VA
- Govt, CHAMPUS
- Govt, County
- Govt, Maternal & Child Hlth
- Govt, Medicaid
- Govt, Medicare
- Govt, Other
- Liability Ins, Other
- No Charge
- Other
- Self Pay
- Unknown
- Workman's Comp

5.2.22 *Body System/Region*—This data element, Index 08095, 09001.12, 09001.13, refers to subjective or objective observations that are organized by anatomic systematic to be comprehensive, such as review of systems. The patient's subjective observations, symptoms, and the practitioner's objective observations from examination all should be categorized using a common basic terminology. These categories have been derived from the U.S. Government SF88 and SF93, the OSHA forms, and common anatomy texts.

- Abdomen, Anus
- Abdomen, Hernia
- Abdomen, NOS
- Abdomen, Rectum
- Abdomen, Viscera
- Blood/Blood Forming
- Cardiovascular, Heart
- Cardiovascular, NOS
- Cardiovascular, Vascular
- Chest, Breasts
- Chest, Lungs
- Chest, NOS
- Chest, Respiratory
- Endocrine
- General/Systemic, NOS
- Genitourinary, Pelvic
- Genitourinary, Prostate
- Genitourinary, Urinary
- Head, Dental
- Head, Ear
- Head, Eye
- Head, Face
- Head, Mouth/Throat
- Head, Neck
- Head, NOS
- Head, Nose
- Lymphatics
- Musculoskeletal, Extremities
- Musculoskeletal, NOS
- Musculoskeletal, Spine
- Neurologic, Central
- Neurologic, NOS
- Neurologic, Peripheral
- Psychiatric
- Skin

5.2.23 *Patient Number of Children in Birth* (Index: 01035.)—This value is a numeric count (see 4.2.6) of the number of children in a given gestation and indicates that the

patient was one child of that gestation.

5.2.24 *Current Work Status* (Index: 01062.)—The value set should include:

Employed full-time	1/F dup
Employed part-time	2/P dup
Not employed	3
Retired	5
Self-employed	4
Military — active	6
Military — active overseas	M
Working not for pay	W
Leave of absence	L
Retired and working part-time for pay	R
Per diem	D
Contract per diem	C
Temporarily unemployed	T
Other	O
Unknown	9

5.2.25 *Current Vocational Status* (Index: 01067.)—This value set indicates job related education and should include:

- Secondary vocational training
- Post-secondary vocational training
- Post-secondary education

5.2.26 *Usual Living Arrangement* (Index: 01085.)—This value set depicts the environment in which the patient resides and should include:

Lives alone	A
Lives with a family member other than spouse	R
Lives with parents	P
Lives in a group	G
Lives with spouse	S
Lives with an unrelated person	N
Institution	I
Unknown	U

5.2.27 *Foreign Residency Code* (Index: 01099.)—This value set depicts whether the patient regularly resides outside the nation of his/her permanent residence and should include:

- No regular foreign residence
- Foreign residence less than 25 %
- Foreign residence 25-50 %
- Foreign residence greater than 50 %

5.2.28 *Durable Power of Attorney Status* (Index: 02052 and 02053.)—This value set indicates what level of durable power of attorney is part of the patient's estate. The value set is:

- None
- On file
- Written

5.2.29 *Mode of Arrival* (Index: 14001.A021.)—This value set serves not only emergency encounters but also any type of encounter where the mode of arrival is an important aspect of patient care. The minimal value set shall include:

- Ground ambulance
- Helicopter ambulance
- Fixed wing air ambulance
- Ambulance not otherwise specified
- Walk in following transport via private transportation
- Walk in following transport via public transportation
- Walk in following non ambulance - law enforcement transport
- Walk in not otherwise specified
- Other mode of transport
- Unknown mode of transport

5.2.30 *Nature of Injury* (Index: 14001.A030.)—This value set applies to any encounter where and injury occurs. Its values are taken from the ICD-9CM/ICD-10 coding scheme in the range 800 to 999, or the corresponding SNOMED International





components which map into ICD-9CM/ICD-10.

5.2.31 *Mode of Injury* (Index: 14001.A033.)—This value set is taken from the ICD9CM “E-Code” table, the corresponding segment of ICD-10 or that of SNOMED International.

5.2.32 *Protective Equipment Used* (Index: 14001.A044.)—This value set indicates protective equipment used on the job or devices used in any environment (such as a vehicle) and should include:

- Safety Equipment:
  - None used
  - Shoulder Belt only used
  - Lap Belt only
  - Shoulder and Lap Belt used
  - Child safety seat used
  - Helmet used
  - Not reported
  - Restraint use unknown
- Air Bag Deployed:
  - Deployed-front
  - Deployed-side
  - Deployed-both front/side
  - Not deployed
  - Not applicable
  - Not reported
  - Deployment unknown
- Non-motorist Safety Equipment:
  - None used
  - Helmet used
  - Protective pads used (elbows, knees, shins, etc.)
  - Reflective clothing
  - Lighting
  - Not applicable
  - Other
  - Not reported
  - Unknown

5.2.33 *Diagnosis* (Index: 14001.F030/A170.)—This value set is the list of conditions at encounter disposition. Codes may be drawn from the latest ICD-9-CM table or ICD-10 version, when mandated, or other diagnostic code system. It may be a code or associated rubric index into the code table. Additional codes may be applied using alternative coding schemes.

5.2.34 *Diagnosis Type* (Index: 14001.F030.01.)—This value set indicates the purpose/level of significance of the code/term of diagnosis and should include:

- Principal
- Primary

Secondary  
Complication  
For 14001.A.170.01 it should also include admitting.

5.2.35 *Diagnosis Status Code* (Index: 14001.F030.02/A170.02.)—This value set indicates the finality of the assignment of the code/term and should include:

- Active
- Chronic
- Acute

5.2.36 *Current Clinical (Patient) Status* (Index: 14001.A186.01.)—The value set indicates severity of clinical status and should include:

- Recovered
- Deceased
- Well
- Chronic management required

5.2.37 *Product of Injury* (Index: 14001.A034.)—This value is drawn from the Consumer Product Safety Commission NEIS list.

5.2.38 *Color of Eyes* (Index: 01155.)—This value set indicates the natural eye color for purposes of identification and should include:

- Brown
- Hazel
- Blue
- Green

5.2.39 *Color of Hair* (Index: 010160.)—This value set indicates the natural hair color for purposes of identification and should include:

- Blond
- Brown
- Black
- Red
- Gray
- White

5.2.40 *Build for Identification* (Index: 01175.)—This value set indicates the general body build for purposes of identification and should include:

- Slender
- Medium
- Heavy

## REFERENCES

- (1) 1990 Census, U.S. Bureau of Census.
- (2) “Standard Occupational Classification,” Occupational Employment Statistics Survey, U.S. Dept. of Labor.
- (3) ILO list of International Standard Classification of Occupations 1968 (ISCO-68), incorporated into Systematized Nomenclature of Medicine (SNOMED), College of American Pathologists, Skokie, IL, 1994.
- (4) “A Reason for Visit—Classification for Ambulatory Care,” DHEW Publication 19-1352, 1979.
- (5) Hanken, M. A., and Forrey, A. W., “Construction of a Common Clinical Data Element,” Catalog J, AHIMA 63, pp. 56–60, 1992.
- (6) Westermeyer, J., “Problems with Surveillance Methods for Alcoholism: Differences in Coding Systems Among Federal, State and Private Agencies,” American Journal of Public Health 78, pp. 130–133, 1988. Trevino, F., “Uniform Minimum Datasets: In Search of Demographic Comparability,” American Journal of Public Health 78, pp. 126–127, 1988.
- (7) DISA (ANSI X12) Electronic Data Interchange 835 & 837 Transaction Datasets.
- (8) UB-82/92, “Transaction Set.”



CDC Unique ID	Name
1070-2	AMER IND/ALASKA NAT:CENTRAL AMER IND,NOS
2162-6	AMER IND/ALASKA NAT:CENTRAL AMERICAN IND,HISPANIC,NOS
0128-	AMER IND/ALASKA NAT:HISPANIC,CUBAN
2153-5	AMER IND/ALASKA NAT:HISPANIC,MEXICAN
0131-	AMER IND/ALASKA NAT:HISPANIC:PUERTO RICAN
0130-	AMER IND/ALASKA NAT:LATIN AMERICAN,HISP DESCENT,NOS
0129-	AMER IND/ALASKA NAT:LATIN AMERICAN,OTHER DESCENT
1002-5	AMER IND/ALASKA NAT:NOS
1073-6	AMER IND/ALASKA NAT:SOUTH AMERICAN IND,NOS
2175-8	AMER IND/ALASKA NAT:SOUTH AMERICAN IND,HISPANIC,NOS
1986-9	AMER IND/ALASKA NAT:US CAN IND,ALEUT,CHUGACH CORPORATION
1966-1	AMER IND/ALASKA NAT:US/CAN IND,ALEUT,NOS
1840-8	AMER IND/ALASKA NAT:US/CAN IND,INUIT,NOS
1004-1	AMER IND/ALASKA NAT:US/CAN IND,NOS
0132-	AMER IND/ALASKA NAT:US/CAN IND,ALABAMA
0133-	AMER IND/ALASKA NAT:US/CAN IND,COUSHATTA
1010-8	AMER IND/ALASKA NAT:US/CAN IND,APACHE
1026-4	AMER IND/ALASKA NAT:US/CAN IND,ARIKARA
1021-5	AMER IND/ALASKA NAT:US/CAN IND,ARAPAHOE,NOS
1028-0	AMER IND/ALASKA NAT:US/CAN IND,ASSINIBOINE
1033-0	AMER IND/ALASKA NAT:US/CAN IND,BANNOCK

**FIG. 1 Ethnic Group**

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- 1035-5 AMER IND/ALASKA NAT:US/CAN IND,BLACKFOOT
- 1044-7 AMER IND/ALASKA NAT:US/CAN IND,CAHUILLA
- 0125- AMER IND/ALASKA NAT:US/CAN IND,COPALIS
- 1078-5 AMER IND/ALASKA NAT:US/CAN IND,CAYUSE
- 1393-8 AMER IND/ALASKA NAT:US/CAN IND,CELILO
- 1088-4 AMER IND/ALASKA NAT:US/CAN IND,CHEROKEE,NOS
- 1102-3 AMER IND/ALASKA NAT:US/CAN IND,CHEYENNE,NOS
- 1112-2 AMER IND/ALASKA NAT:US/CAN IND,CHICKASAW
- 1816-8 AMER IND/ALASKA NAT:US/CAN IND,CHILKAT
- 1114-8 AMER IND/ALASKA NAT:US/CAN IND,CHINOOK,NOS
- 1123-9 AMER IND/ALASKA NAT:US/CAN IND,CHIPPEWA,NOS
- 1191-6 AMER IND/ALASKA NAT:US/CAN IND,CREE,NOS
- 1155-1 AMER IND/ALASKA NAT:US/CAN IND,CHOCTAW
- 1153-6 AMER IND/ALASKA NAT:US/CAN IND,CHITIMACHA
- 1725-1 AMER IND/ALASKA NAT:US/CAN IND,YUMAN,COCOPAH
- 1167-6 AMER IND/ALASKA NAT:US/CAN IND,COEUR D'ALENE
- 0134- AMER IND/ALASKA NAT:US/CAN IND,COMANCHE
- 1080-1 AMER IND/ALASKA NAT:US/CAN IND,CHEHALIS
- 1173-4 AMER IND/ALASKA NAT:US/CAN IND,COLVILLE
- 1665-9 AMER IND/ALASKA NAT:US/CAN IND,UMATILLA
- 1193-2 AMER IND/ALASKA NAT:US/CAN IND,CREEK,NOS
- 1209-6 AMER IND/ALASKA NAT:US/CAN IND,CROW,NOS
- 1614-7 AMER IND/ALASKA NAT:US/CAN IND,SIOUX,DAKOTA
- 1214-6 AMER IND/ALASKA NAT:US/CAN IND,DELAWARE
- 1519-8 AMER IND/ALASKA NAT:US/CAN IND,DUWAMISH
- 0135- AMER IND/ALASKA NAT:US/CAN IND,POTAWATOMI
- 1729-3 AMER IND/ALASKA NAT:US/CAN IND,YUMAN,MOHAVE
- 1679-0 AMER IND/ALASKA NAT:US/CAN IND,WAMPANOAG
- 1264-1 AMER IND/ALASKA NAT:US/CAN IND,GROS VENTRE
- 1726-9 AMER IND/ALASKA NAT:US/CAN IND,HAVASUPAI
- 1083-5 AMER IND/ALASKA NAT:US/CAN IND,CHEMAKUAN,HOPI
- 1493-6 AMER IND/ALASKA NAT:US/CAN IND,PUEBLO,HOPI
- 1350-8 AMER IND/ALASKA NAT:US/CAN IND,MALISEET
- 1772-3 AMER IND/ALASKA NAT:US/CAN IND,ATHABASCAN,ALASKA,ILIAMNA
- 1844-0 AMER IND/ALASKA NAT:US/CAN IND,INUIT,INUPIAT,NOS
- 1281-5 AMER IND/ALASKA NAT:US/CAN IND,IOWA
- 1312-8 AMER IND/ALASKA NAT:US/CAN IND,KLALLAM
- 1299-7 AMER IND/ALASKA NAT:US/CAN IND,KALISPEL
- 1464-7 AMER IND/ALASKA NAT:US/CAN IND,POMO,NOS
- 1303-7 AMER IND/ALASKA NAT:US/CAN IND,KAW
- 1825-9 AMER IND/ALASKA NAT:US/CAN IND,KENAITZE
- 1305-2 AMER IND/ALASKA NAT:US/CAN IND,KICKAPOO,NOS
- 1309-4 AMER IND/ALASKA NAT:US/CAN IND,KIOWA
- 1321-9 AMER IND/ALASKA NAT:US/CAN IND,KOOTENAI
- 1317-7 AMER IND/ALASKA NAT:US/CAN IND,KLAMATH
- 1342-5 AMER IND/ALASKA NAT:US/CAN IND,LUMMI
- 1344-1 AMER IND/ALASKA NAT:US/CAN IND,MAIDU
- 1352-4 AMER IND/ALASKA NAT:US/CAN IND,MANDAN
- 1728-5 AMER IND/ALASKA NAT:US/CAN IND,YUMAN,MARICOPA
- 1453-0 AMER IND/ALASKA NAT:US/CAN IND,PEQUOT
- 1348-2 AMER IND/ALASKA NAT:US/CAN IND,MAKAH
- 1356-5 AMER IND/ALASKA NAT:US/CAN IND,MENOMINEE
- 1358-1 AMER IND/ALASKA NAT:US/CAN IND,MIAMI
- 0126- AMER IND/ALASKA NAT:US/CAN IND,MISSOURI
- 0140- AMER IND/ALASKA NAT:US/CAN IND,MIWOCK

FIG. 1 Ethnic Group (continued)



- 1372-2 AMER IND/ALASKA NAT:US/CAN IND,MODOC
- 1522-2 AMER IND/ALASKA NAT:US/CAN IND,MUCKELSHOOT
- 1217-9 AMER IND/ALASKA NAT:US/CAN IND,DELAWARE,MUNSEE
- 1380-5 AMER IND/ALASKA NAT:US/CAN IND,NARRAGANSETT
- 1382-1 AMER IND/ALASKA NAT:US/CAN IND,NAVAJO
- 1939-8 AMER IND/ALASKA NAT:US/CAN IND,INUIT,YUPIK,NEWHALEN
- 1387-0 AMER IND/ALASKA NAT:US/CAN IND,NEZ PERCE
- 1523-0 AMER IND/ALASKA NAT:US/CAN IND,NISQUALLY
- 1524-8 AMER IND/ALASKA NAT:US/CAN IND,NOOKSACK
- 1403-5 AMER IND/ALASKA NAT:US/CAN IND,OMAHA
- 1288-0 AMER IND/ALASKA NAT:US/CAN IND,IROQUOIS,ONEIDA
- 1289-8 AMER IND/ALASKA NAT:US/CAN IND,IROQUOIS,ONONDAGA
- 1407-6 AMER IND/ALASKA NAT:US/CAN IND,OSAGE
- 1409-2 AMER IND/ALASKA NAT:US/CAN IND,OTOE
- 1411-8 AMER IND/ALASKA NAT:US/CAN IND,OTTAWA
- 0127- AMER IND/ALASKA NAT:US/CAN IND,OZETTE
- 1416-7 AMER IND/ALASKA NAT:US/CAN IND,PAIUTE
- 1441-5 AMER IND/ALASKA NAT:US/CAN IND,PASSAMAQUODDY
- 1713-7 AMER IND/ALASKA NAT:US/CAN IND,YAQUI,PASCUA
- 1445-6 AMER IND/ALASKA NAT:US/CAN IND,PAWNEE
- 1448-0 AMER IND/ALASKA NAT:US/CAN IND,PENOBSCOT
- 1456-3 AMER IND/ALASKA NAT:US/CAN IND,PIMA
- 1478-7 AMER IND/ALASKA NAT:US/CAN IND,POTAWATOMIE
- 1526-3 AMER IND/ALASKA NAT:US/CAN IND,PUYALLUP
- 1541-2 AMER IND/ALASKA NAT:US/CAN IND,QUAPAW
- 1730-1 AMER IND/ALASKA NAT:US/CAN IND,YUMAN,QUECHAN
- 1084-3 AMER IND/ALASKA NAT:US/CAN IND,CHEMAKUAN,QUILLEUTE
- 1543-8 AMER IND/ALASKA NAT:US/CAN IND,QUINALT
- 1551-1 AMER IND/ALASKA NAT:US/CAN IND,SAC AND FOX,NOS
- 1527-1 AMER IND/ALASKA NAT:US/CAN IND,SAMISH
- 1558-6 AMER IND/ALASKA NAT:US/CAN IND,SALISH
- 1506-5 AMER IND/ALASKA NAT:US/CAN IND,PUEBLO,SAN JUAN
- 1287-2 AMER IND/ALASKA NAT:US/CAN IND,IROQUOIS,MOHAWK
- 1528-9 AMER IND/ALASKA NAT:US/CAN IND,SAUK-SUIATTLE
- 1566-9 AMER IND/ALASKA NAT:US/CAN IND,SEMINOLE,NOS
- 1290-6 AMER IND/ALASKA NAT:US/CAN IND,IROQUOIS,SENECA
- 1578-4 AMER IND/ALASKA NAT:US/CAN IND,SHAWNEE,NOS
- 1661-8 AMER IND/ALASKA NAT:US/CAN IND,TONKAWA
- 1538-8 AMER IND/ALASKA NAT:US/CAN IND,TULALIP
- 1246-8 AMER IND/ALASKA NAT:US/CAN IND,TUNICA-BILOXI
- 1837-4 AMER IND/ALASKA NAT:US/CAN IND,TSIMSHIAN,NOS
- 1294-8 AMER IND/ALASKA NAT:US/CAN IND,IROQUOIS,TUSCARORA
- 1370-6 AMER IND/ALASKA NAT:US/CAN IND,MIWOK
- 1539-6 AMER IND/ALASKA NAT:US/CAN IND,SKAGIT,UPPER
- 1670-9 AMER IND/ALASKA NAT:US/CAN IND,UTE
- 1586-7 AMER IND/ALASKA NAT:US/CAN IND,SHOSHONE,NOS
- 1609-7 AMER IND/ALASKA NAT:US/CAN IND,SIOUX
- 1529-7 AMER IND/ALASKA NAT:US/CAN IND,SKOKOMISH
- 1530-5 AMER IND/ALASKA NAT:US/CAN IND,SKYKOMISH
- 1531-3 AMER IND/ALASKA NAT:US/CAN IND,SNOHOMISH
- 1532-1 AMER IND/ALASKA NAT:US/CAN IND,SNOQUALAMIE
- 1645-1 AMER IND/ALASKA NAT:US/CAN IND,SPOKANE
- 1535-4 AMER IND/ALASKA NAT:US/CAN IND,STILLAGUAMISH
- 1536-2 AMER IND/ALASKA NAT:US/CAN IND,SUQUAMISH
- 1537-0 AMER IND/ALASKA NAT:US/CAN IND,SWINOMISH

FIG. 1 Ethnic Group (continued)





0141- AMER IND/ALASKA NAT:US/CAN IND,PUEBLO  
1833-3 AMER IND/ALASKA NAT:US/CAN IND,TLINGIT  
1820-0 AMER IND/ALASKA NAT:US/CAN IND,HAIDA  
1687-3 AMER IND/ALASKA NAT:US/CAN IND,WASHOE  
1677-4 AMER IND/ALASKA NAT:US/CAN IND,WALLA WALLA  
1295-5 AMER IND/ALASKA NAT:US/CAN IND,IROQUOIS,WYANDOTTE  
1696-4 AMER IND/ALASKA NAT:US/CAN IND,WINNEBAGO  
1707-9 AMER IND/ALASKA NAT:US/CAN IND,YAKAMA  
1732-7 AMER IND/ALASKA NAT:US/CAN IND,YUROK,NOS  
1516-4 AMER IND/ALASKA NAT:US/CAN IND,PUEBLO,ZUNI  
1089-2 AMER IND/ALASKA NAT:US/CAN IND,CHEROKEE ALABAMA  
1090-0 AMER IND/ALASKA NAT:US/CAN IND,CHEROKEE NE ALABAMA  
1091-8 AMER IND/ALASKA NAT:US/CAN IND,CHEROKEE SE ALABAMA  
1092-6 AMER IND/ALASKA NAT:US/CAN IND,EASTERN CHEROKEE  
1093-4 AMER IND/ALASKA NAT:US/CAN IND,ECHOTA CHEROKEE  
1094-2 AMER IND/ALASKA NAT:US/CAN IND,ETOWAH CHEROKEE  
1095-9 AMER IND/ALASKA NAT:US/CAN IND,NORTHERN CHEROKEE  
1096-7 AMER IND/ALASKA NAT:US/CAN IND,TUSCOLA  
1097-5 AMER IND/ALASKA NAT:US/CAN IND,UNITED KEETOWAH CHEROKEE  
1098-3 AMER IND/ALASKA NAT:US/CAN IND,WESTERN CHEROKEE  
1100-7 AMER IND/ALASKA NAT:US/CAN IND,CHEROKEE SHAWNEE  
1006-6 AMER IND/ALASKA NAT:US/CAN IND,ABENAKI  
1008-2 AMER IND/ALASKA NAT:US/CAN IND,ALGONQUIAN  
1011-6 AMER IND/ALASKA NAT:US/CAN IND,APACHE,CHIRICAHUA  
1012-4 AMER IND/ALASKA NAT:US/CAN IND,APACHE,FORT SILL  
1013-2 AMER IND/ALASKA NAT:US/CAN IND,APACHE,JICARILLA  
1014-0 AMER IND/ALASKA NAT:US/CAN IND,APACHE,LIPAN  
1015-7 AMER IND/ALASKA NAT:US/CAN IND,APACHE,MESCALERO  
1016-5 AMER IND/ALASKA NAT:US/CAN IND,APACHE,OKLAHOMA  
1017-3 AMER IND/ALASKA NAT:US/CAN IND,APACHE,PAYSON  
1018-1 AMER IND/ALASKA NAT:US/CAN IND,APACHE,SAN CARLOS  
1019-9 AMER IND/ALASKA NAT:US/CAN IND,APACHE,WHITE MOUNTAIN  
1037-1 AMER IND/ALASKA NAT:US/CAN IND,BROTHERTON  
1039-7 AMER IND/ALASKA NAT:US/CAN IND,BURT LAKE BAND  
1030-6 AMER IND/ALASKA NAT:US/CAN IND,ASSINIBOINE SIOUX  
1041-3 AMER IND/ALASKA NAT:US/CAN IND,CADDO  
1022-3 AMER IND/ALASKA NAT:US/CAN IND,ARAPAHOE,NORTHERN  
1023-1 AMER IND/ALASKA NAT:US/CAN IND,ARAPAHOE,SOUTHERN  
1024-9 AMER IND/ALASKA NAT:US/CAN IND,ARAPAHOE,WIND RIVER  
1031-4 AMER IND/ALASKA NAT:US/CAN IND,ASSINIBOINE SIOUX,FORT PECK  
1046-2 AMER IND/ALASKA NAT:US/CAN IND,CAHUILLA,AUGUSTINE  
1045-4 AMER IND/ALASKA NAT:US/CAN IND,CAHUILLA,AGUA CALIENTE  
0217- AMER IND/ALASKA NAT:US/CAN IND,AUGUSTINE  
1972-9 AMER IND/ALASKA NAT:US/CAN IND,ALEUT,BRISTOL BAY,NOS  
1047-0 AMER IND/ALASKA NAT:US/CAN IND,CAHUILLA,CABAZON  
1048-8 AMER IND/ALASKA NAT:US/CAN IND,CAHUILLA,LOS COYOTES  
1049-6 AMER IND/ALASKA NAT:US/CAN IND,CAHUILLA,MORONGO  
1050-4 AMER IND/ALASKA NAT:US/CAN IND,CAHUILLA,SANTA ROSA  
1051-2 AMER IND/ALASKA NAT:US/CAN IND,CAHUILLA,TORRES-MARTINEZ  
1054-6 AMER IND/ALASKA NAT:US/CAN IND,CAHTO  
1055-3 AMER IND/ALASKA NAT:US/CAN IND,CHIMARIKO  
1056-1 AMER IND/ALASKA NAT:US/CAN IND,COAST MIWOK  
1057-9 AMER IND/ALASKA NAT:US/CAN IND,DIGGER  
1058-7 AMER IND/ALASKA NAT:US/CAN IND,KAWAII SU  
1059-5 AMER IND/ALASKA NAT:US/CAN IND,KERN RIVER

FIG. 1 Ethnic Group (continued)

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- 1060-3 AMER IND/ALASKA NAT:US/CAN IND,MATTOLE
- 1061-1 AMER IND/ALASKA NAT:US/CAN IND,RED WOOD
- 1062-9 AMER IND/ALASKA NAT:US/CAN IND,SANTA ROSA
- 1063-7 AMER IND/ALASKA NAT:US/CAN IND,TAKELMA
- 1064-5 AMER IND/ALASKA NAT:US/CAN IND,WAPPO
- 1065-2 AMER IND/ALASKA NAT:US/CAN IND,YANA
- 1066-0 AMER IND/ALASKA NAT:US/CAN IND,YUKI
- 1076-9 AMER IND/ALASKA NAT:US/CAN IND,CATAWBA
- 1082-7 AMER IND/ALASKA NAT:US/CAN IND,CHEMAKUAN,NOS
- 1086-8 AMER IND/ALASKA NAT:US/CAN IND,CHEMEHUEVI
- 1103-1 AMER IND/ALASKA NAT:US/CAN IND,CHEYENNE,NORTHERN
- 1104-9 AMER IND/ALASKA NAT:US/CAN IND,CHEYENNE,SOUTHERN
- 1106-4 AMER IND/ALASKA NAT:US/CAN IND,CHEYENNE-ARAPAHO
- 1108-0 AMER IND/ALASKA NAT:US/CAN IND,CHICKAHOMINY,NOS
- 1109-8 AMER IND/ALASKA NAT:US/CAN IND,CHICKAHOMINY,EASTERN
- 1110-6 AMER IND/ALASKA NAT:US/CAN IND,CHICKAHOMINY,WESTERN
- 1115-5 AMER IND/ALASKA NAT:US/CAN IND,CHINOOK,CLATSOP
- 1116-3 AMER IND/ALASKA NAT:US/CAN IND,CHINOOK,COLUMBIA RIVER
- 1117-1 AMER IND/ALASKA NAT:US/CAN IND,CHINOOK,KATHLAMET
- 1118-9 AMER IND/ALASKA NAT:US/CAN IND,CHINOOK,UPPER
- 1119-7 AMER IND/ALASKA NAT:US/CAN IND,CHINOOK,WAKIAKUM
- 1120-5 AMER IND/ALASKA NAT:US/CAN IND,CHINOOK,WILLAPA
- 1121-3 AMER IND/ALASKA NAT:US/CAN IND,CHINOOK,WISHRAM
- 1124-7 AMER IND/ALASKA NAT:US/CAN IND,CHIPPEWA,BAD RIVER
- 1125-4 AMER IND/ALASKA NAT:US/CAN IND,CHIPPEWA,BAY MILLS
- 1126-2 AMER IND/ALASKA NAT:US/CAN IND,CHIPPEWA,BOIS FORTE
- 1127-0 AMER IND/ALASKA NAT:US/CAN IND,CHIPPEWA,BURT LAKE
- 1128-8 AMER IND/ALASKA NAT:US/CAN IND,CHIPPEWA,FOND DU LAC
- 1129-6 AMER IND/ALASKA NAT:US/CAN IND,CHIPPEWA,GRANDE PORTAGE
- 1130-4 AMER IND/ALASKA NAT:US/CAN IND,CHIPPEWA/OTTAWA,GRAND TRAVERSE
- 1131-2 AMER IND/ALASKA NAT:US/CAN IND,CHIPPEWA,KEWEENAW
- 1132-0 AMER IND/ALASKA NAT:US/CAN IND,CHIPPEWA,LAC COURTE ORIELLES
- 1133-8 AMER IND/ALASKA NAT:US/CAN IND,CHIPPEWA,LAC DU FLAMBEAU
- 1134-6 AMER IND/ALASKA NAT:US/CAN IND,CHIPPEWA,LAC VIEUX DESERT
- 1135-3 AMER IND/ALASKA NAT:US/CAN IND,CHIPPEWA,LAKE SUPERIOR
- 1136-1 AMER IND/ALASKA NAT:US/CAN IND,CHIPPEWA,LEECH LAKE
- 1137-9 AMER IND/ALASKA NAT:US/CAN IND,CHIPPEWA,LITTLE SHELL
- 1138-7 AMER IND/ALASKA NAT:US/CAN IND,CHIPPEWA,MILLE LACS
- 1139-5 AMER IND/ALASKA NAT:US/CAN IND,CHIPPEWA,MINNESOTA
- 1140-3 AMER IND/ALASKA NAT:US/CAN IND,CHIPPEWA,ONTONAGON
- 1141-1 AMER IND/ALASKA NAT:US/CAN IND,CHIPPEWA,RED CLIFF
- 1142-9 AMER IND/ALASKA NAT:US/CAN IND,CHIPPEWA,RED LAKE
- 1143-7 AMER IND/ALASKA NAT:US/CAN IND,CHIPPEWA,SAGINAW
- 1144-5 AMER IND/ALASKA NAT:US/CAN IND,CHIPPEWA,ST CROIX
- 1145-2 AMER IND/ALASKA NAT:US/CAN IND,CHIPPEWA,SAULT STE MARIE
- 1146-0 AMER IND/ALASKA NAT:US/CAN IND,CHIPPEWA,SOKOAGON
- 1147-8 AMER IND/ALASKA NAT:US/CAN IND,CHIPPEWA,TURTLE MOUNTAIN
- 1148-6 AMER IND/ALASKA NAT:US/CAN IND,CHIPPEWA,WHITE EARTH
- 1150-2 AMER IND/ALASKA NAT:US/CAN IND,CHIPPEWA CREE,NOS
- 1151-2 AMER IND/ALASKA NAT:US/CAN IND,CHIPPEW3A CREE,ROCKY BOY'S
- 1156-9 AMER IND/ALASKA NAT:US/CAN IND,CHOCTAW,CLIFTON
- 1157-7 AMER IND/ALASKA NAT:US/CAN IND,CHOCTAW,JENA
- 1158-5 AMER IND/ALASKA NAT:US/CAN IND,CHOCTAW,MISSISSIPPI
- 1159-3 AMER IND/ALASKA NAT:US/CAN IND,CHOCTAW,MOWA
- 1160-1 AMER IND/ALASKA NAT:US/CAN IND,CHOCTAW,OKLAHOMA

FIG. 1 Ethnic Group (continued)