

Data Archive and Data Support
Population Studies Center
Institute for Social Research
University of Michigan

Michigan Tricounty Birth Files,
1990-1991

DA 548

BIRTH RECORD LAYOUT, 1989-1992

VARIABLE NAME	WIDTH	COLUMN	CODES
CERTIFICATE NUMBER	6	1	CERTIFICATE NUMBER
OCCURRENCE STATE	2	7	STATE OF OCCURRENCE
OCCURRENCE COUNTY	2	9	COUNTY OF OCCURRENCE. MUST BE PAIRED WITH STATE OF OCCURRENCE TO BE MEANINGFUL.
OCCURRENCE MCD	4	11	MINOR CIVIL DIVISION OF OCCURRENCE. MUST BE PAIRED WITH COUNTY OF OCCURRENCE AND STATE OF OCCURRENCE TO BE MEANINGFUL.
RESIDENCE STATE	2	15	STATE OF RESIDENCE
RESIDENCE COUNTY	2	17	COUNTY OF RESIDENCE. MUST BE PAIRED WITH STATE OF RESIDENCE TO BE MEANINGFUL.
RESIDENCE MCD	4	19	MINOR CIVIL DIVISION OF RESIDENCE. MUST BE PAIRED WITH COUNTY OF RESIDENCE AND STATE OF RESIDENCE TO BE MEANINGFUL.
CENSUS TRACT	6	23	RESIDENCE CENSUS TRACT. ONLY APPLICABLE TO DETROIT CITY AND KENT COUNTY.
RESDETROIT	1	29	NOT APPLICABLE
HOSPITAL	3	31	SEE APPENDIX D - NOT UNIQUE. MUST BE PAIRED WITH COUNTY OF OCCURRENCE TO BE MEANINGFUL. CERTAIN LOCATIONS HAVE A COMMON NUMBER WITHIN EACH COUNTY: 990 = ENROUTE TO THE HOSPITAL IF A HOSPITAL IS NAMED 991 = ENROUTE TO THE HOSPITAL IF NO HOSPITAL IS NAMED 992 = HOSPITAL WITH NO MATERNITY WARD 994 = OTHER - HOTEL, DOCTOR'S OFFICE, YWCA 998 = PRIVATE HOME (INCLUDING GARAGE), CABIN 999 = UNKNOWN
MONTH REPORTED	2	34	MONTH REPORTED.
BIRTH YEAR	3	36	CONTAINS LAST DIGIT OF CENTURY + DECADE YEAR (I.E. 1989 WOULD BE 989)
BIRTH MONTH	2	39	SELF EXPLANATORY
BIRTH DAY	2	41	SELF EXPLANATORY
SEX	1	43	1 = MALE 2 = FEMALE
RACE	1	44	0 = OTHER ASIAN OR PACIFIC ISLANDER 1 = WHITE 2 = BLACK 3 = AMERICAN INDIAN 4 = CHINESE 5 = JAPANESE 6 = FILIPINO

7 = HAWAIIAN
 8 = OTHER NONWHITE
 9 = UNKNOWN, NOT STATED/NOT CLASSIFIABLE

PLURALITY	1	45	1 = SINGLE 2 = TWIN 3 = TRIPLET 4 = QUADRUPLLET 5 = QUINTUPLET OR MORE 9 = UNKNOWN, NOT STATED, X, CHECK
POUNDS	2	46	NOT UNIQUE. MUST BE PAIRED WITH OUNCES TO BE MEANINGFUL. EDIT CUT-OFF IS 13 POUNDS. IF THE NUMBER IS 14 OR OVER, THE EDIT BYPASS MAY BE USED TO ACCEPT UP TO 20 POUNDS - 15 OUNCES
OUNCES	2	48	NOT UNIQUE. MUST BE PAIRED WITH POUNDS TO BE MEANINGFUL.
GRAMS	4	50	COMPUTER GENERATED FROM POUNDS AND OUNCES; (POUNDS X 16 + OUNCES) X 28.35. WEIGHT WAS ROUNDED TO THE NEAREST WHOLE GRAM. TREAT 0 AND 9498-9999 AS UNKNOWN.
ATTENDANT	1	54	1=M.D. 2=D.O. 3=NURSE 4=MID-WIFE 5=NURSE MID-WIFE 6=HUSBAND 7=PHYSICIAN'S ASSISTANT 8=OTHER 9=UNKNOWN 0=NO ATTENDANT
AGE OF MOTHER	2	55	ACCEPTABLE RANGE = 7-62. 99=UNKNOWN
RACE OF MOTHER	1	57	0 = OTHER ASIAN OR PACIFIC ISLANDER 1 = WHITE 2 = BLACK 3 = AMERICAN INDIAN 4 = CHINESE 5 = JAPANESE 6 = FILIPINO 7 = HAWAIIAN 8 = OTHER NONWHITE 9 = UNKNOWN, NOT STATED/NOT CLASSIFIABLE
EDUCATION OF MOTHER	2	58	00 = NONE, NO SCHOOLING 01-11 = FIRST THROUGH ELEVENTH GRADE 12 = HIGH SCHOOL OR GENERAL EDUCATION TEST PASSED 13 = ONE YEAR OF COLLEGE 14 = TWO YEARS OF COLLEGE, LPN, RN, 2-RN 15 = THREE YEARS OF COLLEGE, 3-RN 16 = BA, BS OR BBA DEGREE AT COLLEGE UNDERGRADUATE LEVEL, 4-RN, BS-RN 17 = FIVE(+) YRS OF COLLEGE, MS DEGREE, LAW DEGREE, DO, PHD, MD, DDS 99 = UNKNOWN, NOT SPECIFIED
PREVIOUS CHILDREN BORN NOW LIVING	2	60	PREVIOUS CHILDREN NOW LIVING VALID RANGE = 00-25, 77=BLANK,99=UNKNOWN
PREVIOUS CHILDREN BORN NOW DEAD	2	62	PREVIOUS CHILDREN BORN LIVE, NOW DEAD VALID RANGE = 00-15, 77=BLANK,99=UNKNOWN
PREVIOUS CHILDREN BORN DEAD	2	64	PREVIOUS CHILDREN BORN DEAD VALID RANGE = 00-15, 99=UNKNOWN
LAST LIVE BIRTH YEAR	3	66	3 DIGIT YEAR OF LAST LIVE BIRTH, CONTAINS LAST DIGIT OF CENTURY + DECADE YEAR (I.E. 1989 WOULD BE 989) UNKNOWN OR BLANK CODED 000

LAST LIVE BIRTH MONTH	2	69	MONTH LAST LIVE BIRTH UNKNOWN OR BLANK CODED 00
LAST LIVE BIRTH DAY	2	71	DAY LAST LIVE BIRTH, FILLED WITH 0'S
LAST FETAL DEATH YEAR	3	73	3 DIGIT YEAR OF LAST FETAL DEATH, CONTAINS LAST DIGIT OF CENTURY + DECADE YEAR (I.E. 1989 WOULD BE 989) UNKNOWN OR BLANK CODED 000
LAST FETAL DEATH MONTH	2	76	MONTH LAST FETAL DEATH UNKNOWN OR BLANK CODED 00
LAST FETAL DEATH DAY	2	78	DAY LAST FETAL DEATH, FILLED WITH 0'S
LAST MENSES YEAR	3	80	YEAR OF LAST MENSES CONTAINS LAST DIGIT OF CENTURY + DECADE YEAR (I.E. 1989 WOULD BE 989) UNKNOWN OR BLANK CODED 999
LAST MENSES MONTH	2	83	MONTH OF LAST MENSES UNKNOWN OR BLANK CODED 99
LAST MENSES DAY	2	84	DAY OF LAST MENSES, THREE SPECIAL CODES MAY BE USED WHEN THE FOLLOWING RESPONSES APPEAR ON THE CERTIFICATE 'BEGINNING OF MONTH' = 32 'MIDDLE OF MONTH' = 33 'END OF MONTH' = 34 SET 35-99 EQUAL TO ZERO
MONTH PRENATAL CARE BEGAN	2	86	MONTH PRENATAL CARE BEGAN 10 = NO CARE 1 = FIRST MONTH 2 = SECOND MONTH 3 = THIRD MONTH 4 = FOURTH MONTH 5 = FIFTH MONTH 6 = SIXTH MONTH 7 = SEVENTH MONTH 8 = EIGHTH MONTH 9 = NINTH MONTH 99 = UNKNOWN
NUMBER OF PRENATAL VISITS	2	88	PRENATAL VISITS 00-49 = NUMBER OF VISITS TO DOCTOR, 99 = UNKNOWN THE EDIT BYPASS MAY BE USED TO ACCEPT A NUMBER OF VISITS UP TO 98
CALCULATED WEEKS OF GESTATION	2	90	CALCULATED WEEKS OF GESTATION, COMPUTER GENERATED. VALID RANGES - 16-52, 99 = UNKNOWN. TREAT UNDER 16 WEEKS AND OVER 52 WEEKS AS UNKNOWN.
MOM'S STATE OF BIRTH	2	92	MOTHERS STATE OF BIRTH
AGE OF FATHER	2	94	ACCEPTABLE RANGE - 10-90, 99=UNKNOWN
RACE OF FATHER	2	96	0 = OTHER ASIAN OR PACIFIC ISLANDER 1 = WHITE 2 = BLACK 3 = AMERICAN INDIAN 4 = CHINESE 5 = JAPANESE 6 = FILIPINO 7 = HAWAIIAN 8 = OTHER NONWHITE 9 = UNKNOWN, NOT STATED/NOT CLASSIFIABLE

EDUCATION OF FATHER	2	98	00 = NONE, NO SCHOOLING 01-11 = FIRST THROUGH ELEVENTH GRADE 12 = HIGH SCHOOL OR GENERAL EDUCATION TEST PASSED 13 = ONE YEAR OF COLLEGE 14 = TWO YEARS OF COLLEGE, LPN, RN, 2-RN 15 = THREE YEARS OF COLLEGE, 3-RN 16 = BA, BS OR BBA DEGREE AT COLLEGE UNDERGRADUATE LEVEL, 4-RN, BS-RN 17 = FIVE(+) YRS OF COLLEGE, MS DEGREE, LAW DEGREE, DO, PHD, MD, DDS 99 = UNKNOWN, NOT SPECIFIED
DAD'S STATE OF BIRTH	2	100	FATHERS STATE OF BIRTH
EDIT BYPASS	1	102	CONTAINS 9'S ON ALL RECORDS
MOTHER'S ZIP CODE	5	103	MOTHER'S 5 DIGIT ZIP CODE
MULTIPLE BIRTH	1	108	MULTIPLE BIRTHS, IF NOT A SINGLE BIRTH, CODES 1,2,3,4 & 5 INDICATE ORDER OF BIRTH. SINGLE BIRTHS ARE CODED 0.
ESTIMATED WEEKS OF GESTATION	2	109	ESTIMATED WEEKS GESTATION. REFERS TO NUMBER OF WEEKS FROM THE BEGINNING TO THE END OF THE PREGNANCY, AS ESTIMATED BY THE PHYSICIAN, 99 = UNKNOWN.
1 MINUTE APGAR SCORE	2	111	APGAR SCORE 1 MINUTE, VALID RANGE 00-10, 99 = UNKNOWN
5 MINUTE APGAR SCORE	2	113	APGAR SCORE 5 MINUTE, VALID RANGE 00-10, 99 = UNKNOWN
LOCAL FILE NUMBER	10	115	
COUNTY FILE NUMBER	10	125	
NAMED PARENTS	1	135	NUMBER OF PARENTS NAMED ON BIRTH CERTIFICATE
WEIGHT INDICATOR	1	136	1 = POUNDS & OUNCES 2 = GRAMS 9 = UNKNOWN
FORM NUMBER	7	137	THIS FIELD REPRESENTS THE PRINTED SEQUENTIAL NUMBER ASSIGNED THE FORM BLANK. RIGHT JUSTIFIED - ZERO PADDED.
FILE DATE YEAR	3	144	
FILE DATE MONTH	2	147	
FILE DATE DAY	2	149	
INFORMANT SIGNATURE	1	151	1 = CERTIFICATE SIGNED 2 = CERTIFICATE NOT SIGNED
SSN REQUESTED	1	152	1 = YES 2 = NO 9 = BLANK
MOM'S ANCESTRY	2	153	MOTHER'S ANCESTRY; SEE ATTACHMENT
FATHER'S ANCESTRY	2	155	FATHER'S ANCESTRY; SEE ATTACHMENT
SOURCE OF PAYMENT	1	157	SOURCE OF EXPECTED PAYMENT 1 = PRIVATE INSURANCE 2 = MEDICAID 3 = SELF PAY

8 = OTHER
9 = UNKNOWN, N/A

MOM'S MEDICAL RECORD NUMBER	10	158	MEDICAL RECORD NUMBER OF MOTHER
CHILD'S MEDICAL RECORD NUMBER	10	168	MEDICAL RECORD NUMBER OF CHILD
MOM TRANSFERRED?	1	178	MOTHER TRANSFERED PRIOR TO DELIVERY 1 = YES 2 = NO 9 = UNKNOWN, BLANK OR N/A
HOSPITAL MOM TRANSFERRED FROM	5	179	SEE HOSPITAL CODES
CHILD TRANSFERRED?	1	184	CHILD TRANSFERED 1 = YES 2 = NO 9 = UNKNOWN, BLANK OR N/A
HOSPITAL CHILD TRANSFERRED TO BIRTHPLACE	5	185	SEE HOSPITAL CODES
BIRTHPLACE	1	190	PLACE OF BIRTH 1 = HOSPITAL 2 = FREE STANDING BIRTHING CLINIC 3 = CLINIC/DOCTOR'S OFFICE 4 = RESIDENCE 5 = OTHER 0 = NONE
NICUITEMS	1	191	WAS CHILD TRANSFERED TO NEONATAL INTENSIVE CARE UNIT 1=YES 2=NO 9=UNKNOWN
TOBACCO USE DURING PREGNANCY	1	192	1 = YES 2 = NO 9 = UNKNOWN
CIGARETTES	2	193	AVERAGE NUMBER OF CIGARETTES PER DAY 00-98 = CIGARETTES SMOKED 99 = UNKNOWN OR BLANK
ALCOHOL USE DURING PREGNANCY	1	195	1 = YES 2 = NO 9 = UNKNOWN
DRINKS	2	196	AVERAGE NUMBER OF DRINKS PER WEEK 00-98 = NUMBER OF DRINKS 99 = UNKNOWN OR BLANK
WEIGHTGAIN	2	198	WEIGHT GAINED DURING PREGNANCY 00 = NO GAIN OR LOSS
REVISED DEL METHOD UNKNOWN	1	200	1=YES 2=NO 9=UNKNOWN
REVISED VAGINAL	1	201	1=YES 2=NO 9=UNKNOWN
REVISED VAGINAL AFTER C-SEC	1	202	1=YES 2=NO 9=UNKNOWN
REVISED C-SECTION PRIMARY	1	203	1=YES 2=NO 9=UNKNOWN
REVISED C-SECTION REPEAT	1	204	1=YES 2=NO 9=UNKNOWN
REVISED FORCEPS	1	205	1=YES 2=NO 9=UNKNOWN
REVISED VACUUM	1	206	1=YES 2=NO 9=UNKNOWN

KESSNER INDEX	1	207	1 = ADEQUATE 2 = INTERMEDIATE 3 = INADEQUATE 9 = UNKNOWN
RECORD STATUS	1	208	1=YES 2=NO 9=UNKNOWN
MEDICAL RISK NONE	1	209	1=YES 2=NO 9=UNKNOWN
MEDICAL RISK ANEMIA	1	210	1=YES 2=NO 9=UNKNOWN
MEDICAL RISK CARDIAC	1	211	1=YES 2=NO 9=UNKNOWN
MEDICAL RISK LUNG DISEASE	1	212	1=YES 2=NO 9=UNKNOWN
MEDICAL RISK DIABETES	1	213	1=YES 2=NO 9=UNKNOWN
MEDICAL RISK HERPES	1	214	1=YES 2=NO 9=UNKNOWN
MEDICAL RISK HYRAMIN	1	215	1=YES 2=NO 9=UNKNOWN
MEDICAL RISK HEMOGLOBIN	1	216	1=YES 2=NO 9=UNKNOWN
MEDICAL RISK CHRONIC HYPER	1	217	1=YES 2=NO 9=UNKNOWN
MEDICAL RISK PREG HYPER	1	218	1=YES 2=NO 9=UNKNOWN
MEDICAL RISK ECLAMPSIA	1	219	1=YES 2=NO 9=UNKNOWN
MEDICAL RISK INCOMP CERVIX	1	220	1=YES 2=NO 9=UNKNOWN
MEDICAL RISK PREV LRG BABY	1	221	1=YES 2=NO 9=UNKNOWN
MEDICAL RISK PREV SML BABY	1	222	1=YES 2=NO 9=UNKNOWN
MEDICAL RISK RENAL DISEASE	1	223	1=YES 2=NO 9=UNKNOWN
MEDICAL RISK RH SENSITIVITY	1	224	1=YES 2=NO 9=UNKNOWN
MEDICAL RISK UTERINE BLEED	1	225	1=YES 2=NO 9=UNKNOWN
MEDICAL RISK OTHER	1	226	1=YES 2=NO 9=UNKNOWN
MEDICAL RISK DRUG ABUSE	1	227	1=YES 2=NO 9=UNKNOWN
MEDICAL RISK HIV	1	228	1=YES 2=NO 9=UNKNOWN
OBSTET PROC NONE	1	229	1=YES 2=NO 9=UNKNOWN
OBSTET PROC AMNIO	1	230	1=YES 2=NO 9=UNKNOWN
OBSTET PROC ELEC FET MON	1	231	1=YES 2=NO 9=UNKNOWN
OBSTET PROC INDUC OF LABOR	1	232	1=YES 2=NO 9=UNKNOWN
OBSTET PROC STIM OF LABOR	1	233	1=YES 2=NO 9=UNKNOWN
OBSTET PROC TOCOLYSIS	1	234	1=YES 2=NO 9=UNKNOWN
OBSTET PROC ULTRASOUND	1	235	1=YES 2=NO 9=UNKNOWN
OBSTET PROC OTHER	1	236	1=YES 2=NO 9=UNKNOWN
COMP PREG NONE	1	237	1=YES 2=NO 9=UNKNOWN
COMP PREG FEBRILE	1	238	1=YES 2=NO 9=UNKNOWN
COMP PREG MECONIUM	1	239	1=YES 2=NO 9=UNKNOWN
COMP PREG PREM RUPTURE	1	240	1=YES 2=NO 9=UNKNOWN

COMP PREG PLAC ABRUPT	1	241	1=YES 2=NO 9=UNKNOWN
COMP PREG PLAC PREVIA	1	242	1=YES 2=NO 9=UNKNOWN
COMP PREG EXCESS BLEED	1	243	1=YES 2=NO 9=UNKNOWN
COMP PREG SEIZURES	1	244	1=YES 2=NO 9=UNKNOWN
COMP PREG SHORT LABOR	1	245	1=YES 2=NO 9=UNKNOWN
COMP PREG LONG LABOR	1	246	1=YES 2=NO 9=UNKNOWN
COMP PREG DYSF LABOR	1	247	1=YES 2=NO 9=UNKNOWN
COMP PREG BRECH/MALP	1	248	1=YES 2=NO 9=UNKNOWN
COMP PREG CEPH DISPROP	1	249	1=YES 2=NO 9=UNKNOWN
COMP PREG CORD PROLAPSE	1	250	1=YES 2=NO 9=UNKNOWN
COMP PREG ANESTH COMP	1	251	1=YES 2=NO 9=UNKNOWN
COMP PREG FETAL DISTRESS	1	252	1=YES 2=NO 9=UNKNOWN
COMP PREG OTHER	1	253	1=YES 2=NO 9=UNKNOWN
VAGINAL DELIVERY	1	254	1=YES 2=NO 9=UNKNOWN
VAGINAL AFTER C-SECTION	1	255	1=YES 2=NO 9=UNKNOWN
PRIMARY C-SECTION	1	256	1=YES 2=NO 9=UNKNOWN
REPEAT C-SECTION	1	257	1=YES 2=NO 9=UNKNOWN
FORCEPS	1	258	1=YES 2=NO 9=UNKNOWN
VACUUM	1	259	1=YES 2=NO 9=UNKNOWN
CONGENITAL ANOMALY NONE	1	260	1=YES 2=NO 9=UNKNOWN
ANENCEPHALUS	1	261	1=YES 2=NO 9=UNKNOWN
SPINA BIFIDA	1	262	1=YES 2=NO 9=UNKNOWN
HYDROCEPHALUS	1	263	1=YES 2=NO 9=UNKNOWN
MICROCEPHALUS	1	264	1=YES 2=NO 9=UNKNOWN
OTHER CNS	1	265	1=YES 2=NO 9=UNKNOWN
HEART MALFORMATION	1	266	1=YES 2=NO 9=UNKNOWN
OTHER CIRCULATORY	1	267	1=YES 2=NO 9=UNKNOWN
RECTAL ATRESIA	1	268	1=YES 2=NO 9=UNKNOWN
TRACHEO/ESOPH	1	269	1=YES 2=NO 9=UNKNOWN
OMPHAL/GASTRO	1	270	1=YES 2=NO 9=UNKNOWN
OTHER GASTRO	1	271	1=YES 2=NO 9=UNKNOWN
GENITAL MALFORMATION	1	272	1=YES 2=NO 9=UNKNOWN
RENAL AGENESIS	1	273	1=YES 2=NO 9=UNKNOWN
OTHER UROGENITAL	1	274	1=YES 2=NO 9=UNKNOWN
CLEFT LIP/PALATE	1	275	1=YES 2=NO 9=UNKNOWN

POLYDCTYLY/SYNDACTYLY	1	276	1=YES 2=NO 9=UNKNOWN
CLUB FOOT	1	277	1=YES 2=NO 9=UNKNOWN
DIAPHRAGMATIC HERNIA	1	278	1=YES 2=NO 9=UNKNOWN
OTHER MUSCULO ANOM	1	279	1=YES 2=NO 9=UNKNOWN
DOWNNS SYNDROME	1	280	1=YES 2=NO 9=UNKNOWN
OTHER CHROMOSOMAL ANOM	1	281	1=YES 2=NO 9=UNKNOWN
OTHER ANOMALY	1	282	1=YES 2=NO 9=UNKNOWN
ABNORMAL CONDITIONS NONE	1	283	1=YES 2=NO 9=UNKNOWN
AB COND ANEMIA	1	284	1=YES 2=NO 9=UNKNOWN
AB COND BIRTH INJURY	1	285	1=YES 2=NO 9=UNKNOWN
AB COND FETAL ALCOHOL SYN	1	286	1=YES 2=NO 9=UNKNOWN
AB COND HYALINE MEM DIS	1	287	1=YES 2=NO 9=UNKNOWN
AB COND MECONIUM ASPIR SYN	1	288	1=YES 2=NO 9=UNKNOWN
AB COND ASSIS VENT <30 MIN	1	289	1=YES 2=NO 9=UNKNOWN
AB COND ASSIS VENT >30 MIN	1	290	1=YES 2=NO 9=UNKNOWN
AB COND SEIZURES	1	291	1=YES 2=NO 9=UNKNOWN
AB CONDITIONS OTHER	1	292	1=YES 2=NO 9=UNKNOWN

Ancestry

The ancestry of the decedent is reported in item 15 of the death certificate. This item requires coding prior to data entry. The code for ancestry is written in the margin to the left of the ancestry box to be picked up for data entry. Coding of the item uses the coding guide for ancestry included in the coding guide.

This item was first collected and processed in 1989. In 1993, an expanded code structure was adopted to insure the accurate tabulation of data with particular regard to Arab-Americans. This new code structure included six new code categories for countries that, relative to the issue of accurate Arab-American data, have been previously included or excluded for groups of nations that are predominantly Arab.

The rules governing the coding of this item are as follows.

1. If "American" is given with any other ancestry, code the other ancestry.
2. If more than one ancestry is reported, code the first listed.
3. Beginning in 1993, if the item is blank and the entry for race is Mexican, Cuban or any Hispanic entry, or if there is also no entry for race but the birthplace of the parent is an Hispanic country, code according to birthplace. Otherwise code 99.

The code structure itself is listed below.

Mexican	= 01
Puerto Rican	= 02
Cuban	= 03
Central or South American	= 04
Other and unknown Spanish	= 05
American	= 06

American Indian	= 07	
British, Scotch, Welch Scotch-Irish	= 08	
Irish	= 09	
German	= 10	
French	= 11	
Norwegian, Swedish Danish	= 12	
Polish	= 13	
Italian	= 14	
Other North, Central and South American	= 15	
Other Western European	= 16	
Other Northern European	= 17	
Other Eastern European	= 18	
Other Southern European	= 19	
Southeastern Asian and Pacific Islander	= 20	
South Central Asian	= 21	
Arab/Middle Eastern	= 22	
Arab/North African	= 23	
Other African	= 24	
Iran	= 25	
Afganistan	= 27	since 1993
Mauritania	= 28	since 1993

Somalia	= 29	since 1993
Cyprus	= 30	since 1993
Turkey	= 31	since 1993
Israel	= 32	since 1993
Western Sahara	= 33	since 1993
Ethiopia	= 34	since 1993
Blank or Unknown	= 99	

Computer Processing

1. Must be 01 through 25, 27 through 32 or 99.

State Coding Guide

Alabama	01	Nebraska	28
Alaska	02	Nevada	29
Arizona	03	New Hampshire	30
Arkansas	04	New Jersey	31
California	05	New Mexico	32
Colorado	06	New York	33
Connecticut	07	North Carolina	34
Delaware	08	North Dakota	35
District of Columbia	09	Ohio	36
Florida	10	Oklahoma	37
Georgia	11	Oregon	38
Hawaii	12	Pennsylvania	39
Idaho	13	Rhode Island	40
Illinois	14	South Carolina	41
Indiana	15	South Dakota	42
Iowa	16	Tennessee	43
Kansas	17	Texas	44
Kentucky	18	Utah	45
Louisiana	19	Vermont	46
Maine	20	Virginia	47
Maryland	21	Washington	48
Massachusetts	22	West Virginia	49
Michigan	23	Wisconsin	50
Minnesota	24	Wyoming	51
Mississippi	25	Puerto Rico	52
Missouri	26	Virgin Islands	53
Montana	27	Guam	54

County Coding Guide

Alcona	01	Missaukee	57
Alger	02	Monroe	58
Allegan	03	Montcalm	59
Alpena	04	Montmorency	60
Antrim	05	Muskegon	61
Arenac	06	Newaygo	62
Baraga	07	Oakland	63
Barry	08	Oceana	64
Bay	09	Ogemaw	65
Benzie	10	Ontonagon	66
Berrien	11	Osceola	67
Branch	12	Oscoda	68
Calhoun	13	Otsego	69
Cass	14	Ottawa	70
Charlevoix	15	Presque Isle	71
Cheboygan	16	Roscommon	72
Chippewa	17	Saginaw	73
Clare	18	St. Clair	74
Clinton	19	St. Joseph	75
Crawford	20	Sanilac	76
Delta	21	Schoolcraft	77
Dickinson	22	Shiawassee	78
Eaton	23	Tuscola	79
Emmet	24	Van Buren	80
Genesee	25	Washtenaw	81
Gladwin	26	Wayne	82
Gogebic	27	Wexford	83
Grand Traverse	28	Unknown	99
Gratiot	29		
Hillsdale	30		
Houghton	31		
Huron	32		
Ingham	33		
Ionia	34		
Iosco	35		
Iron	36		
Isabella	37		
Jackson	38		
Kalamazoo	39		
Kalkaska	40		
Kent	41		
Keweenaw	42		
Lake	43		
Lapeer	44		
Leelanau	45		
Lenawee	46		
Livingston	47		
Luce	48		
Mackinac	49		
Macomb	50		
Manistee	51		
Marquette	52		
Mason	53		
Mecosta	54		
Menominee	55		
Midland	56		

Hospital Coding Guide
10/9/91

Code	Hospital Name	County
71-002	Russell Mem. Hospital Assoc.	Presque Isle
73-004	Saginaw General Hospital	Saginaw
73-007	St. Mary's Hospital	Saginaw
74-004	Port Huron Hospital	St. Clair
74-005	River District Hospital	St. Clair
74-006	Yale Community Hospital	St. Clair
74-007	Mercy Hospital	St. Clair
75-002	Sturgis Hospital	St. Joseph
75-003	Three Rivers Hospital	St. Joseph
76-002	Marlette Community Hospital	Sanilac
76-007	Deckerville Comm. Hospital	Sanilac
76-008	McKenzie Memorial Hospital	Sanilac
77-002	Schoolcraft Memorial Hospital	Schoolcraft
78-003	Memorial Hospital	Shiawassee
79-001	Caro Community Hospital	Tuscola
79-005	Hills & Dales General Hospital	Tuscola
80-003	Lake View Community Hospital	Van Buren
80-004	South Haven Community Hospital	Van Buren
81-001	Beyer Memorial Hospital	Washtenaw
81-005	St. Joseph Mercy Hospital	Washtenaw
81-006	University Hospital	Washtenaw
81-009	Saline Community Hospital	Washtenaw
81-986	Ypsilanti Reg. Psych. Hospital	Washtenaw
82-010	Children's Hospital of Michigan	Wayne
82-024	Grace Hospital	Wayne
82-027	Harper Hospital	Wayne
82-028	Henry Ford Hospital	Wayne
82-031	Holy Cross Hospital	Wayne
82-039	Doctors Hospital	Wayne
82-041	Rehabilitation Institute	Wayne
82-045	Mt. Carmel Mercy Hospital	Wayne
82-046	North Detroit Gen. Hospital	Wayne
82-050	Detroit Receiving Hosp.	Wayne
82-051	Saratoga General Hospital	Wayne
82-053	St. John Hospital	Wayne
82-058	Hutzel Hospital	Wayne
82-062	Sinai Hospital of Detroit	Wayne
82-063	New Center Hospital	Wayne
82-071	Northwest General Hospital	Wayne
82-082	Southwest Detroit Hospital	Wayne
82-084	Samaritan Health Center	Wayne
82-085	Michigan Health Center	Wayne
82-086	Detroit Riverview Hospital	Wayne
82-087	Lafayette Clinic	Wayne
82-088	WSU - School of Medicine	Wayne
82-501	Bon Secours Hospital	Wayne
82-502	Cottage Hospital	Wayne
82-506	Detroit Osteo. Hospital	Wayne
82-509	Garden City Osteopathic Hospital	Wayne
82-514	Oakwood Hospital	Wayne
82-516	Riverside Osteo. Hospital	Wayne
82-523	Westland Medical Center	Wayne
82-524	Wyandotte Hospital & Med. Centr.	Wayne
82-525	Heritage Hospital	Wayne
82-531	Oakwood Downriver Medical Center	Wayne
82-532	Redford Community Hospital	Wayne
82-534	Outer Drive Hospital	Wayne
82-535	Annapolis Hospital	Wayne
82-536	St. Mary's Hospital	Wayne
82-537	Seaway Hospital	Wayne
82-988	Detroit Psych. Institute	Wayne
83-001	Mercy Hospital	Wexford

Hospital Coding Guide
10/9/91

Code	Hospital Name	County
40-001	Kalkaska Memorial Health Services	Kalkaska
41-001	Blodgett Mem. Med. Center	Kent
41-003	Butterworth Hospital	Kent
41-004	Ferguson Hospital	Kent
41-005	Metropolitan Hospital	Kent
41-008	Pine Rest Christian Hospital	Kent
41-010	St. Mary's Health Services	Kent
41-012	Kent Community Hospital	Kent
41-997	Forestview Psychiatric Hospital	Kent
44-004	Lapeer Regional Hospital	Lapeer
45-002	Leelanau Memorial Hospital	Leelanau
46-002	Morenci Area Hospital	Lenawee
46-003	Emma L. Bixby Hospital	Lenawee
46-004	Herrick Memorial Hospital	Lenawee
46-005	Thorn Hospital	Lenawee
47-003	McPherson Hospital	Livingston
48-001	Helen Newberry Joy Hospital	Luce
48-985	Newberry Reg. Mental Health Center	Luce
49-992	Mackinac Island Medical Center	Mackinac
50-003	Mt. Clemens General Hospital	Macomb
50-005	St. Joseph Hospital - East	Macomb
50-006	Glen Eden Hospital	Macomb
50-007	St. Joseph Tri-County Hosp.	Macomb
50-010	Macomb Hospital Center	Macomb
50-011	Bi-County Community Hospital	Macomb
50-014	St. Joseph Hospital - West	Macomb
50-985	Psychiatric Center of Michigan	Macomb
51-001	West Shore Hospital	Manistee
52-001	Francis A. Bell Memorial Hospital	Marquette
52-007	Marquette General Hospital	Marquette
52-995	K I Sawyer 410th Strategic Hospital	Marquette
53-002	Memorial Med. Center of W. Mich.	Mason
54-001	Mecosta Co. General Hospital	Mecosta
56-002	Midland Hospital Center	Midland
58-003	Mercy-Memorial Hospital	Monroe
59-001	Carson City Hospital	Montcalm
59-002	Tri-County Comm. Hospital	Montcalm
59-003	Kelsey Memorial Hospital	Montcalm
59-004	Sheridan Community Hospital	Montcalm
59-005	United Memorial Hospital	Montcalm
61-001	Mercy Hospital of Muskegon	Muskegon
61-004	Hackley Hospital	Muskegon
61-007	Muskegon General Hospital	Muskegon
62-002	Gerber Memorial Hospital	Newaygo
63-007	Pontiac General Hospital	Oakland
63-009	St. Joseph Mercy Hospital	Oakland
63-011	Pontiac Osteopathic Hospital	Oakland
63-015	William Beaumont Hospital	Oakland
63-017	Oakland General Hospital	Oakland
63-018	Botsford Gen. Osteo. Hospital	Oakland
63-019	Providence Hospital	Oakland
63-020	Crittenton Hospital	Oakland
63-021	Madison Comm. Hospital	Oakland
63-022	Kingswood Hospital	Oakland
63-024	Straith Memorial Hospital	Oakland
63-025	Huron Valley Hospital	Oakland
63-985	Clinton Valley Center	Oakland
64-001	Oceana Hospital Assoc.	Oceana
64-002	Lakeshore Community Hospital	Oceana
65-001	Tolfree Memorial Hospital	Ogemaw
66-001	Ontonagon Memorial Hospital	Ontonagon
67-002	Reed City Hospital Corp.	Osceola
69-002	Otsego Memorial Hospital	Otsego
70-001	Holland Comm. Hospital	Ottawa
70-002	North Ottawa Community Hospital	Ottawa
70-003	Zeeland Community Hospital	Ottawa
71-001	Rogers City Hospital	Presque Isle

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Code	Hospital Name	County
02-002	Munising Memorial Hospital	Alger
03-001	Allegan General Hospital	Allegan
03-004	Pipp Community Hospital	Allegan
04-001	Alpena General Hospital	Alpena
06-002	Standish Comm. Hospital	Arenac
07-001	Baraga Co. Memorial Hospital	Baraga
08-001	Pennock Hospital	Barry
09-005	Bay Medical Center East	Bay
09-006	Bay Medical Center West	Bay
10-001	Paul Oliver Memorial Hospital	Bay
11-001	Berrien General Hospital	Benzie
11-006	Pawating Hospital	Berrien
11-008	Community Hospital	Berrien
11-009	Mercy-Memorial Medical Center	Berrien
12-001	Community Health Center	Berrien
13-005	Community Hospital Assoc.	Branch
13-008	Battle Creek Health Systems	Calhoun
13-009	Oaklawn Hospital	Calhoun
13-010	Albion Community Hospital	Calhoun
13-011	Southwest Mich. Rehab. Center	Calhoun
14-002	Lee Memorial Hospital	Cass
15-001	Charlevoix Area Hospital	Charlevoix
16-001	Community Memorial Hospital	Cheboygan
17-001	Chippewa Co. War Mem. Hospital	Chippewa
18-001	Clare Community Hospital	Clare
19-001	Clinton Memorial Hospital	Clinton
20-001	Mercy Hospital	Crawford
21-001	St. Francis Hospital	Delta
22-002	Dickinson Co. Mem. Hospital	Dickinson
22-006	Anderson Memorial Hospital	Dickinson
23-001	Hayes Green Beach Hospital	Eaton
23-004	Eaton Rapids Community Hospital	Eaton
24-003	Northern Michigan Hospital, Inc.	Emmet
25-002	Flint Osteopathic Hospital	Genesee
25-003	Genesee Memorial Hospital	Genesee
25-005	Hurley Medical Center	Genesee
25-007	St. Joseph Hospital	Genesee
25-008	McLaren General Hospital	Genesee
25-009	Wheelock Memorial Hospital	Genesee
26-001	Gladwin Hospital	Gladwin
27-001	Grand View Hospital	Gogebic
28-002	Munson Medical Center	Grand Traverse
28-003	Traverse City Osteo. Hospital	Grand Traverse
28-985	Traverse City Reg. Psych. Hospital	Grand Traverse
29-001	Gratiot Community Hospital	Gratiot
30-001	Hillsdale Community Health Center	Hillsdale
31-002	Calumet Public Hospital	Houghton
31-004	Portage View Hospital	Houghton
32-002	Harbor Beach Community Hospital	Huron
32-003	Huron Memorial Hospital	Huron
32-004	Scheurer Hospital	Huron
33-001	Edward W. Sparrow Hospital	Ingham
33-002	Ingham Medical Center	Ingham
33-004	Lansing General Hospital	Ingham
33-006	St. Lawrence Hospital	Ingham
34-001	Orchard Hills Hospital	Ionia
34-003	Ionia County Memorial Hospital	Ionia
35-003	Tawas St. Joseph Hospital	Iosco
35-995	Wurtzsmith 379th Strategic Hospital	Iosco
36-001	Crystal Falls Comm. Hosp.	Iron
36-002	Iron Co. General Hospital	Iron
37-001	Central Michigan Comm. Hospital	Isabella
38-005	Doctors Hospital of Jackson	Jackson
38-009	W. A. Foote Memorial Hospital	Jackson
39-001	Borgess Hospital	Kalamazoo
39-002	Bronson Methodist Hospital	Kalamazoo
39-985	Kalamazoo Regional Psych. Hospital	Kalamazoo