

DATA DICTIONARY FOR MONTANA BIRTH RECORDS



Introduction

This dictionary contains information on the structure, coding, and use of electronic birth records collected by the Montana Office of Vital Statistics (OVS) and provided to researchers by the Vital Statistics Analysis Unit (VSAU) according to the guidelines of Montana statutory law (MCA 50-15-122). OVS stores electronic data abstracted from birth certificates since 1954. However, this dictionary includes only the current version of the birth certificate implemented in 2008. Data for births occurring prior to 2008 have some differences in variables and coding. If you require use of birth data prior to 2008 please consult with the vital statistics epidemiologist on how coding changes may affect your analysis.

Some of these data items identify persons or institutions. Access to such items is restricted and these items are highlighted in green in this data dictionary. In order to gain access to identifying information, data analysts must obtain a written and approved data use agreement with OVS that prohibits releases of information identifying persons or institutions other than those provided for in the agreement. External researchers can start the application process for access to the data by contacting the [vital statistics epidemiologist](#). Epidemiologists working for the State of Montana may gain access to birth data through this [service request form](#); epidemiologist working at local public health organization within Montana may use this [form](#) and must login with a State of Montana Okta account to access the request form. Under no circumstances shall identifying information be given to any organization or individual to solicit sale of a product, offer any service for compensation, distribute partisan literature, or use for any other political or commercial purpose.

These data are maintained in SAS datasets and provided to analysts for use in epidemiological, medical, social scientific, or other constructive research. SAS format files are available for most variables upon request for labeling the data.

Newborn Characteristics

Relatively few demographic characteristics of the newborn are collected on the birth certificate. For analysis of birth data by race or place of residence the maternal value should be used in most circumstances.

Variable name	Description	Coding
BFIRST	Newborn's First Name	Literal
BMIDL	Newborn's Middle Name	Literal
BLAST	Newborn's Last Name	Literal
BSUFIX	Newborn's Name --Suffix	Literal
BSEXA	Sex	M = Male F = Female U = Unknown

Rows highlighted in green signify data items that are personally identifiable information and are only available with an approved application for the identified dataset.

Variable name	Description	Coding
BIRTHDT	Date of Birth	SAS serial date
BIRTHMM	Month of Birth	01-12,99
BIRTHDD	Day of Birth	01-31(based on Mo), 99
BIRTHY4	Year of Birth	4-digit year

Maternal Characteristics

Birth certificates collect extensive information about the mother. The table below includes all maternal characteristics that may be useful in public health research.

County of residence is not listed as identifiable data here but for counties with small populations and few births each year it may be possible to identify an individual based on the other demographic characteristics available in the birth data. Analysts are reminded to use caution when reporting data by county and to always refer to the data suppression guidelines that are included in the data use agreement connected with accessing both identified and de-identified birth data.

There are several options for analysis by race and ethnicity. With the current version (2008 revision) of the birth certificate, Montana can now ascertain multiple racial identities. Parents are encouraged to “check one or more races to indicate what he or she considers him or herself to be” (see Appendix A for a full list of race and ethnicity variables). They are also encouraged to identify any racial or ethnic group or tribal affiliation that applies. This format for collecting information has resulted in a notable increase in the number of parents with more than one race reported (i.e. multiple races). For purposes of tabulation, the National Center for Health Statistics (NCHS) provides a “bridged race” variable, BMOMRACEOVS, in which four racial groups—white, black, American Indian or Alaska Native (AI/AN), and Asian or Pacific islander—are reported. Birth records for which only a single race is reported are assigned a bridged category according to the race the parent provided and records with two or more races are assigned to one of the races reported using a probabilistic model. Bridged race categories are intended for the calculation of population-based rates in order to measure racial disparities. Historically, VSAU has used the bridged race variable for all analyses by racial categories. However, NCHS discontinued the calculation of bridged race population estimates in 2021 thus limiting the usefulness of the bridged race variable for rates from 2021 and forward. VSAU has since created a single race variable for births from 2020 forward, BMOMS RACE, that aligns with how race is reported in census population data. Analysts must consider what population data they are using when deciding which race variable is most appropriate for their analysis. There are no unknown values for BMOMRACEOVS and BMOMS RACE because a probabilistic model assigns a race based on the racial makeup of the population of Montana when no race is reported on the birth certificate.

Variable name	Description	Coding
BMOMFRST	Mother's First Name	Literal
BMOMMIDL	Mother's Middle Name	Literal
BMOMMDN	Mother's Maiden Name	Literal
BMOMLGLLAST	Mothers Legal Last Name - July 2018 Forward	Literal
BMOMLGLSUFX	Mothers Legal Suffix - July 2018 Forward	Literal

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Variable name	Description	Coding
BMOMBDT	Mother's Birth Date	SAS serial date
BMOMPHONE	Mother's Phone - July 2018 Forward	Numeric
BCITYA	Mother's City of Residence	Literal
BMADDRA	Mother's Residential Address	Literal
BMOMRZIPA	Mother's Residential Zip Code	Text variable, letters allowed for Canadian zip codes
BURBANA	Residence of Mother-Inside City Limits	Y = YES N = NO U = UNKNOWN
BMAILADA	Mother's Mailing Address - street	Literal
BMOMMCITYA	Mother's Mailing City	Literal
BMOMZIPA	Mother's Mailing Zip Code	Text variable, letters allowed for Canadian zip codes
BSTR	Mother's State of Residence	State Codes, see Appendix B
BCORFIPS	County of Residence	FIPS code, see Appendix B
BMOMOCCUPATION	Mother's Occupation - July 2018 Forward	Literal
BMARRIEDEVERA	Mother Married?-Ever	Y = YES N = NO U = UNKNOWN
BMARRIEDA	Mother Married?- At Conception, at Birth or any Time in Between	Y = YES N = NO U = UNKNOWN
BMOMSSN	Mother's Social Security Number	Numeric
BMOMAGES	Mother's age in years (calculated)	Numeric
BMOMEDUCA	Mother's Education	1 = 8th grade or less 2 = 9th-12th grade/ no diploma 3 = High School Graduate/ GED 4 = Some college/ no degree 5 = Associate 6 = Bachelor's 7 = Master's Degree 8 = Doctorate/ Professional Degree 9 = Unknown
BMOMHISPANIC	Mother of Hispanic Origin? (calculated)	Y = YES N = NO U = UNKNOWN
BMOMRACEOVS	Mother Bridged Race Value	21 = WHITE 22 = BLACK 23 = AI/AN 24 = ASIAN/ PACIFIC ISLANDER 99 = UNKNOWN

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Variable name	Description	Coding
BMOMSRACE	Mother Single Race Value (available from 2020 forward)	1 = White 2 = Black 3 = AI/AN 4 = Asian 5 = Pacific Islander 6 = Multiple races
BMOMAIANRESA	Did Mother Reside on an Indian Reservation?	Y = YES N = NO U = UNKNOWN
BMOMAIANRES	Reservation Mother Resided On	1 = BLACKFEET 2 = CROW 3 = FLATHEAD 4 = FT. BELKNAP 5 = FT. PECK 6 = ROCKY BOY 7 = NORTHERN CHEYENNE
BMOMFEET	Mother's Height-Feet	1-8 9= UNKNOWN
BMOMINCHES	Mother's Height-Inches	00-11 99= UNKNOWN
BMOMPREGWT	Mother's Pre-pregnancy Weight	050-400 999= UNKNOWN
BWIC	Did Mother get WIC Food for Herself?	Y = YES N = NO U = UNKNOWN

Paternal Characteristics

The following variables include all the demographic characteristics of the father that are collected on the birth certificate. Race reporting for the father is the same as for the mother. See previous section and Appendix A for more information on race classification.

Variable name	Description	Coding
BDADFRST	Father's First Name	Literal
BDADMIDL	Father's Middle Name	Literal
BDADLAST	Father's Last Name	Literal
BDADBDT	Father's Birth Date	SAS serial date
BDADAGES	Father's age in years--calculated.	Numeric
BDADSSN	Father's Social Security Number	Numeric

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Variable name	Description	Coding
BDADEDUCA	Father's Education	1 = 8th grade or less 2 = 9th-12th grade; no diploma 3 = High School Graduate/GED 4 = Some college/no degree 5 = Associate 6 = Bachelor's 7 = Master's Degree 8 = Doctorate/Professional Degree 9 = Unknown
BDADHISPANIC	Father of Hispanic Origin? (calculated)	Y = YES N = NO U = UNKNOWN
BDADRACEOVS	Father Bridged Race Value	21 = WHITE 22 = BLACK 23 = AI/AN 24 = ASIAN/ PACIFIC ISLANDER 99 = UNKNOWN
BDADSRACE	Father Single Race Value (available from 2020 forward)	1 = White 2 = Black 3 = AI/AN 4 = Asian 5 = Pacific Islander 6 = Multiple races
BDADAIANRESA	Did Father Reside on and Indian Reservation?	Y = YES N = NO U = UNKNOWN
BDADAIANRES	Reservation Father Resided On	1 = BLACKFEET 2 = CROW 3 = FLATHEAD 4 = FT. BELKNAP 5 = FT. PECK 6 = ROCKY BOY 7 = NORTHERN CHEYENNE

Pregnancy Characteristics

The following variables contain details of the pregnancy and previous pregnancies of the mother. This section is focused on factors that may have affected the health of the infant or mother through the course of the pregnancy up until labor and delivery.

Variable name	Description	Coding
BLNMDT	Date Last Normal Menses' Began	SAS serial date
BFIRSTCAREDT	Date of First Prenatal Care Visit	SAS serial date
BLASTCAREDT	Date of Last Prenatal Care Visit	SAS serial date
BVISITS	Total Number of Prenatal Care Visits	01-98 99= UNKNOWN

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Variable name	Description	Coding
BMOMDELIVWT	Mother's Weight at Delivery	050-400 999= UNKNOWN
BWTGAIN	Weight gained during pregnancy	050-400 999= UNKNOWN
BLIVBIRA	# Previous Live Births Now Living	00-30 99= UNKNOWN
BLIVBIRD	# Previous Live Births Now Dead	00-30 99= UNKNOWN
BLIVBDT	Date of Last Live Birth	SAS serial date
BOTOUTCOME	Number Previous Other Pregnancy Outcomes, including spontaneous and induced losses or ectopic pregnancies	00-30 99= UNKNOWN
BOTOUTCOMEDT	Date of Last Other Preg. Outcome	SAS serial date
BNNCIG0	Avg # of Cigarettes Smoked per day in 3 months prior to Pregnancy	00-98 99= UNKNOWN
BNNCIG1	Avg # of Cigarettes Smoked per day in first 3 months of Pregnancy	00-98 99= UNKNOWN
BNNCIG2	Avg # of Cigarettes Smoked per day in second 3 months of Pregnancy	00-98 99= UNKNOWN
BNNCIG3	Avg # of Cigarettes Smoked per day in last trimester of Pregnancy	00-98 99= UNKNOWN
BSMOKE	Did mother smoke during pregnancy (calculated)	1 = YES 2 = NO
BPLURLTY	Plurality (count all fetuses delivered at any time in the pregnancy)	00-16 99= UNKNOWN
BORDER	Set Order (if not single birth)	00-16 99= UNKNOWN
BDRINKA	Alcohol Use during Pregnancy	Y = YES N = NO U = UNKNOWN
BNNDRINK	Average number of Drinks per Week	00-97 = Enter as stated 01 = 1, "Less than 1" 98 = 98 or more 99 = Not Classifiable, Unknown
BDIABETG03	Gestational Diabetes	Y = YES N = NO U = UNKNOWN
BDIABETN03	Pre-pregnancy Diabetes	Y = YES N = NO U = UNKNOWN
BHYPERT03	Chronic Hypertension, Pre-pregnancy	Y = YES N = NO U = UNKNOWN

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Variable name	Description	Coding
BPREGTEN03	Hypertension, pregnancy associated	Y = YES N = NO U = UNKNOWN
BECLAMPS03	Eclampsia	Y = YES N = NO U = UNKNOWN
BPREVPRETERM03	Previous Preterm Births	Y = YES N = NO U = UNKNOWN
BOTOUTCOMEPOOR03	Previous Poor Pregnancy Outcomes	Y = YES N = NO U = UNKNOWN
BFERT03	Pregnancy resulted from fertility-enhancing drugs /insemination OR assisted reproductive technology?	Y = YES N = NO U = UNKNOWN
BRISKFERT03	Fertility-enhancing drugs, artificial insemination, or intrauterine insemination	Y = YES N = NO U = UNKNOWN
BRISKART03	Assisted reproductive technology (ART), e.g. in vitro fertilization (IVF), gamete intra-fallopian transfer (GIFT)	Y = YES N = NO U = UNKNOWN
BPREVC03	Previous Cesarean	Y = YES N = NO U = UNKNOWN
BPREVCNN03	Number Previous Cesareans	00-30 99= UNKNOWN
BCHLAMYDIA03	Infections Present-Chlamydia	Y = YES N = NO U = UNKNOWN
BHEPATITISB03	Infections Present-Hepatitis B	Y = YES N = NO U = UNKNOWN
BHEPATITISC03	Infections Present-Hepatitis C	Y = YES N = NO U = UNKNOWN

Labor and Delivery Characteristics

The following variable describe the place and circumstances of the labor and delivery as well as any poor outcomes for the mother.

Variable name	Description	Coding
BSTO	State of Occurrence	State Codes, see Appendix B
BFCLITYS	Facility/Hospital ID	Facility code
BCITYOA	City of Birth	Literal
BCOOFIPS	County of Birth	FIPS code, see Appendix B

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Variable name	Description	Coding
BLOCTYPEN	Place Where Birth Occurred	1 = Hospital 2 = Freestanding birth center 3 = Home (Intended) 4 = Home (Not Intended) 5 = Home (Unknown if Intended) 6 = Clinic/Doctor's Office 7 = Other 9 = Unknown
BATTDANT	Attendant credentials	1 = M.D, Physician 2 = D.O., Doctor of Osteopathy 3 = Certified Nurse Midwife (CNM) 4 = Other Midwife/Direct Entry Midwife (DEM) 5 = Other 9 = Unknown
BMTRANS03	Mother Transferred for Maternal, Medical, or Fetal Indications?	Y = YES N = NO U = UNKNOWN
BMTRANSA	Facility Mother Transferred From	Literal
BPAYMENT	Principal source of Payment for this delivery	1 = Medicaid 2 = Private Insurance 3 = Self-pay 4 = Indian Health Service 5 = CHAMPUS/TRICARE 6 = Other government (federal, state, local) 8 = Other 9 = Unknown
BCERVCERC03	Obstetric Procedures-Cervical Cerclage	Y = YES N = NO U = UNKNOWN
BTOCOL03	Obstetric Procedures-Tocolysis	Y = YES N = NO U = UNKNOWN
BCEPHALICF03	Obstetric Procedures-Failed External Cephalic Version	Y = YES N = NO U = UNKNOWN
BCEPHALICS03	Obstetric Procedures-Successful External Cephalic Version	Y = YES N = NO U = UNKNOWN
BMEMBR03	Onset of Labor-Premature Rupture of Membranes (prolonged, >= 12 Hours)	Y = YES N = NO U = UNKNOWN

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Variable name	Description	Coding
BFASTLBR03	Onset of Labor-Precipitous Labor (< 3 Hours)	Y = YES N = NO U = UNKNOWN
BLONGLBR03	Onset of Labor-Prolonged Labor (>= 20 Hours)	Y = YES N = NO U = UNKNOWN
BINDUCE03	Characteristics of Labor & Delivery-Induction of Labor	Y = YES N = NO U = UNKNOWN
BAUGMENT03	Characteristics of Labor & Delivery-Augmentation of Labor	Y = YES N = NO U = UNKNOWN
BNONVERTEX03	Characteristics of Labor & Delivery-Non-vertex Presentation	Y = YES N = NO U = UNKNOWN
BSTEROIDS03	Characteristics of Labor & Delivery-Steroids for fetal lung maturation received by the mother prior to delivery	Y = YES N = NO U = UNKNOWN
BANTIBIOTICS03	Characteristics of Labor & Delivery-Antibiotics received by the mother during labor	Y = YES N = NO U = UNKNOWN
BCHORIO03	Characteristics of Labor & Delivery-Clinical chorioamnionitis diagnosed during labor or maternal temperature >= 38* C. (100.4* F)	Y = YES N = NO U = UNKNOWN
BMECON03	Characteristics of Labor & Delivery-Meconium Staining of the amniotic fluid	Y = YES N = NO U = UNKNOWN
BFETALINTOL03	Characteristics of Labor & Delivery-Fetal Intolerance of labor such that one or more of the following actions was taken: in-utero resuscitative measures, further fetal assessment, or operative delivery	Y = YES N = NO U = UNKNOWN
BEPIDURAL03	Characteristics of Labor & Delivery-Epidural or spinal anesthesia during labor	Y = YES N = NO U = UNKNOWN
BFORCEPSU03	Method of Delivery - Attempted Forceps but unsuccessful	Y = YES N = NO X= NOT APPLICABLE U = UNKNOWN

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Variable name	Description	Coding
BVACUUMU03	Method of Delivery - Attempted Vacuum but unsuccessful	Y = YES N = NO X= NOT APPLICABLE U = UNKNOWN
BFETALPRESENT03	Method of Delivery - Fetal Presentation at birth	1 = Cephalic 2 = Breech 3 = Other
BFINALROUTE03	Method of Delivery - Route and Method of Delivery	1 = Vaginal/Spontaneous 2 = Vaginal/Forceps 3 = Vaginal/Vacuum 4 = Cesarean 9 = Unknown
BTRIALOFLABOR03	Method of Delivery – If cesarean, was trial of labor attempted	Y = YES N = NO X = NOT APPLICABLE U = UNKNOWN
BTRANSFUSION03	Maternal Morbidity - Maternal Transfusion	Y = YES N = NO U = UNKNOWN
BLACERATION03	Maternal Morbidity - 3rd or 4th degree perineal laceration	Y = YES N = NO U = UNKNOWN
BRUPTUREDUTERUS03	Maternal Morbidity - Ruptured Uterus	Y = YES N = NO U = UNKNOWN
BUNPLANNEDHYSTER03	Maternal Morbidity - Unplanned Hysterectomy	Y = YES N = NO U = UNKNOWN
BICU03	Maternal Morbidity - Admit to Intensive Care	Y = YES N = NO U = UNKNOWN
BUOPR03	Maternal Morbidity - Unplanned Operation	Y = YES N = NO U = UNKNOWN

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Birth Outcomes

The following variable describe the birth outcomes for the infant and any abnormal or congenital conditions that are collected on the birth certificate.

Variable name	Description	Coding
BIRTHY4	Year of Birth	4-digit year
BIRHRMN	Hour and Minute of Birth--Military Time	0000-2359 9999= UNKNOWN
BWTGRMS	Birthweight in grams	0000-9999
BGESTAT	Obstetric Estimation of Gestation in weeks	00-98 99= UNKNOWN
BAPGAR5	Apgar Score at 5 Minutes	00-10 99= UNKNOWN
BAPGAR10	Apgar Score at 10 Minutes	00-10 99= UNKNOWN 88= 5 min Apgar score was 6 or greater
BLIVING	Is Infant Living at Time of Report?	Y = YES N = NO U = UNKNOWN
BKTRANS03	Was Infant Transferred Within 24 Hours of Delivery?	Y = YES N = NO U = UNKNOWN
BKTRANSA	Facility infant Transferred to	Literal
BVENTI03	Abnormal Conditions of the Newborn - Assisted Ventilation required immediately after delivery	Y = YES N = NO U = UNKNOWN
BVENTM603	Abnormal Conditions of the Newborn - Assisted Ventilation > 6 hours	Y = YES N = NO U = UNKNOWN
BNICU03	Abnormal Conditions of the Newborn - Admission to neonatal intensive care unit	Y = YES N = NO U = UNKNOWN
BSURFACTANT03	Abnormal Conditions of the Newborn - Newborn given surfactant replacement therapy	Y = YES N = NO U = UNKNOWN
BINFANTIBIOTICS03	Abnormal Conditions of the Newborn - Newborn given antibiotics for suspected neonatal sepsis	Y = YES N = NO U = UNKNOWN
BINFSEIZ03	Abnormal Conditions of the Newborn - Seizure or serious neurological dysfunction	Y = YES N = NO U = UNKNOWN
BINJURY03	Abnormal Conditions of the Newborn - Birth Injury (skeletal fracture, peripheral nerve injury, soft tissue /solid organ hemorrhage which requires intervention)	Y = YES N = NO U = UNKNOWN

Rows highlighted in green signify data items that are personally identifiable information and are only available with an approved application for the identified dataset.

Variable name	Description	Coding
BANENCPH03	Congenital Anomalies of the Newborn- Anencephaly	Y = YES N = NO U = UNKNOWN
BSPINABIF03	Congenital Anomalies of the Newborn- Meningomyelocele/Spina Bifida	Y = YES N = NO U = UNKNOWN
BCYANOTICHEART03	Congenital Anomalies of the Newborn- Cyanotic congenital heart disease	Y = YES N = NO U = UNKNOWN
BCONGENHERNIA03	Congenital Anomalies of the Newborn- Congenital diaphragmatic hernia	Y = YES N = NO U = UNKNOWN
BOMPHALOCELE03	Congenital Anomalies of the Newborn- Omphalocele	Y = YES N = NO U = UNKNOWN
BGASTROSCHISIS03	Congenital Anomalies of the Newborn- Gastroschisis	Y = YES N = NO U = UNKNOWN
BLIMBREDUCTION03	Congenital Anomalies of the Newborn- Limb Reduction Defect (excluding congenital amputation & dwarfing syndromes)	Y = YES N = NO U = UNKNOWN
BCLEFTLIP03	Congenital Anomalies of the Newborn- Cleft Lip with or without Cleft Palate	Y = YES N = NO U = UNKNOWN
BCLEFTPALATE03	Congenital Anomalies of the Newborn- Cleft Palate Alone	Y = YES N = NO U = UNKNOWN
BHYPOSPADIAS03	Congenital Anomalies of the Newborn- Hypospadias	Y = YES N = NO U = UNKNOWN
BDOWNS03	Congenital Anomalies of the Newborn- Down Syndrome	N = NO C = CONFIRMED P = PENDING U = UNKNOWN
BSUSPECTCHROM03	Congenital Anomalies of the Newborn- Suspected Chromosomal disorder	N = NO C = CONFIRMED P = PENDING U = UNKNOWN

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Appendix A: Detailed Race and Ethnicity Variables

Hispanic Origin

Hispanic origin of the parents can be selected as follows:

No, Not Spanish/Hispanic/Latino

Yes, Mexican, Mexican American, Chicano

Yes, Puerto Rican

Yes, Cuban

Yes, Other Spanish/Hispanic/Latino_____

Unknown

Refused

Not Obtainable

If any of the Hispanic options are checked an “H” is coded for that field. Any Hispanic options that are not checked an “N” will automatically be coded.

If Unknown is selected, a “U” will automatically be coded.

If “Other Spanish/Hispanic/Latino” is selected, enter the description(s) of the Hispanic origin.

For the analysis file, all responses are recoded as follows:

H (Hispanic)= Y (yes)

N (Non-hispanic) = N (no)

U (Unknown) = U (Unknown)

Variable name	Description	Coding
BMANCESTM (mom) BDANCESTM (dad)	Mexican	Y = YES N = NO U = UNKNOWN
BMANCESTP BDANCESTP	Puerto Rican	See above
BMANCESTC BDANCESTC	Cuban	See above
BMANCESTO BDANCESTO	Other Hispanic	See above
BMANCESTA BDANCESTA	Specific other Hispanic origin	Literal

Multiple Race

Race of the parents is reported with one or more the following categories, selecting all that apply:

- White
- Black or African American
- American Indian or Alaskan Native
- Asian Indian
- Chinese
- Filipino
- Japanese
- Korean
- Vietnamese
- Other Asian_____
- Native Hawaiian
- Guamanian or Chamorro
- Samoaan
- Other Pacific Islander_____
- Other_____
- Unknown
- Refused
- Not Obtainable

If "American Indian or Alaskan Native" is selected enter the name of the tribe(s).

If "Other Asian, Other Pacific Islander or Other" is selected enter the description(s) of the race.

If any of the Race options are checked an "Y" is coded for that field, any Race options that are not checked an "N" will automatically be coded.

If the item is blank, it should be left blank and queried. If the query is unsuccessful, enter "Unknown".

Variable name	Description	Coding
BMOMRACE1 (mom) BDADRACE1 (dad)	White	Y = YES N = NO U = UNKNOWN
BMOMRACE2 BDADRACE2	Black	See above
BMOMRACE3 BDADRACE3	American Indian	See above

Variable name	Description	Coding
BMOMRACE4 BDADRACE4	Asian Indian	See above
BMOMRACE5 BDADRACE5	Chinese	See above
BMOMRACE6 BDADRACE6	Filipino	See above
BMOMRACE7 BDADRACE7	Japanese	See above
BMOMRACE8 BDADRACE8	Korean	See above
BMOMRACE9 BDADRACE9	Vietnamese	See above
BMOMRACE10 BDADRACE10	Other Asian	See above
BMOMRACE11 BDADRACE11	Native Hawaiian	See above
BMOMRACE12 BDADRACE12	Guamanian	See above
BMOMRACE13 BDADRACE13	Samoaan	See above
BMOMRACE14 BDADRACE14	other Pacific Isl.	See above
BMOMRACE15 BDADRACE15	other race	See above
BMOMRACE16 BDADRACE16	1 st AI/AN	literal
BMOMRACE17 BDADRACE17	2 nd AI/AN	literal
BMOMRACE18 BDADRACE18	1 st other Asian	literal
BMOMRACE19 BDADRACE19	2 nd other Asian	literal
BMOMRACE20 BDADRACE20	1 st other Pacific islander	literal
BMOMRACE21 BDADRACE21	2 nd other Pacific islander	literal
BMOMRACE22 BDADRACE22	1 st other race	literal
BMOMRACE23 BDADRACE23	2 nd other race	literal

Appendix B: State and County Codes

State Codes

.	'BLANK'	30	'NEW HAMPSHIRE'
0	'VOIDED'	31	'NEW JERSEY'
1	'ALABAMA'	32	'NEW MEXICO'
2	'ALASKA'	33	'NEW YORK'
3	'ARIZONA'	34	'NORTH CAROLINA'
4	'ARKANSAS'	35	'NORTH DAKOTA'
5	'CALIFORNIA'	36	'OHIO'
6	'COLORADO'	37	'OKLAHOMA'
7	'CONNECTICUT'	38	'OREGON'
8	'DELAWARE'	39	'PENNSYLVANIA'
9	'D.C.'	40	'RHODE ISLAND'
10	'FLORIDA'	41	'SOUTH CAROLINA'
11	'GEORGIA'	42	'SOUTH DAKOTA'
12	'HAWAII'	43	'TENNESSEE'
13	'IDAHO'	44	'TEXAS'
14	'ILLINOIS'	45	'UTAH'
15	'INDIANA'	46	'VERMONT'
16	'IOWA'	47	'VIRGINIA'
17	'KANSAS'	48	'WASHINGTON'
18	'KENTUCKY'	49	'WEST VIRGINIA'
19	'LOUISIANA'	50	'WISCONSIN'
20	'MAINE'	51	'WYOMING'
21	'MARYLAND'	52	'PUERTO RICO'
22	'MASSACHUSETTS'	53	'VIRGIN ISLANDS'
23	'MICHIGAN'	54	'GUAM'
24	'MINNESOTA'	55	'CANADA'
25	'MISSISSIPPI'	56	'CUBA'
26	'MISSOURI'	57	'MEXICO'
27	'MONTANA'	59	'REST OF WORLD'
28	'NEBRASKA'	99	'UNKNOWN'
29	'NEVADA'		

FIPS Codes for Montana Counties

1='BEAVERHEAD'	59='MEAGHER'
3='BIG HORN'	61='MINERAL'
5='BLAINE'	63='MISSOULA'
7='BROADWATER'	65='MUSSELSHELL'
9='CARBON'	67='PARK'
11='CARTER'	69='PETROLEUM'
13='CASCADE'	71='PHILLIPS'
15='CHOUTEAU'	73='PONDERA'
17='CUSTER'	75='POWDER RIVER'
19='DANIELS'	77='POWELL'
21='DAWSON'	79='PRAIRIE'
23='DEER LODGE'	81='RAVALLI'
25='FALLON'	83='RICHLAND'
27='FERGUS'	85='ROOSEVELT'
29='FLATHEAD'	87='ROSEBUD'
31='GALLATIN'	89='SANDERS'
33='GARFIELD'	91='SHERIDAN'
35='GLACIER'	93='SILVER BOW'
37='GOLDEN VALLEY'	95='STILLWATER'
39='GRANITE'	97='SWEET GRASS'
41='HILL'	99='TETON'
43='JEFFERSON'	101='TOOLE'
45='JUDITH BASIN'	103='TREASURE'
47='LAKE'	105='VALLEY'
49='LEWIS & CLARK'	107='WHEATLAND'
51='LIBERTY'	109='WIBAUX'
53='LINCOLN'	111='YELLOWSTONE'
55='MCCONE'	113='YELLOWSTONE PARK'
57='MADISON'	OTHER ='~NOT STATED'