DE-IDENTIFIED DATA ELEMENTS

De-identified birth defects registry records include the following data elements:
(See de-identified birth, death and emergency room visit, inpatient hospitalization, and/or outpatient/ambulatory surgical center encounter records)

De-identified death records include the following data elements:
Recorded State (Limited to Missouri)
Decedent Sex/Gender
Death Year
Age (89 and under/Aggregated years of birth for ages 90 and over)
Birth Year (89 and under/Aggregated years of birth for ages 90 and over)
State of Birth
Country of Birth
U.S. Armed Forces (Yes/No/Unknown)
Type of Place Pronounced Dead -
  If Hospital, Location (Inpatient/ER-Outpatient/DOA)
Marital Status
Residence State
Residence Zip Code*
Number Years Present Address (prior to 2010)
Hispanic Origin
Race
Education
Method of Disposition (Burial/Cremation)
Underlying Cause of Death
First Significant Condition (prior to 2001)
Second Significant Condition (prior to 2001)
Multiple Causes of Death
If Female, Pregnancy Status
Autopsy Completed (Yes/No)
Autopsy Findings Available Prior to Registration (Yes/No/Unknown)
Manner of Death
  If injury related death -
    Injury Year
    Time of Injury
    Injury at Work (Yes/No/Unknown)
    Type of Place Injury Occurred (e.g. home, farm, work, in transit, restaurant, etc.)
    State of Injury
Time of Death
Tobacco Use Contributed to Death (beginning 2010)

De-identified divorce (Dissolutions of Marriage) records include the following data elements (will be updated in the Spring of 2019 once new layout changes are finalized):
Recorded State (Limited to Missouri)
Dissolution Year
Husband Residence State
Husband Birth Year (89 and under/Aggregated years of birth for ages 90 and over)
Husband Age (89 and under/Aggregated ages for ages 90 and over)
Husband State of Birth
Wife Residence State
Wife Birth Year (89 and under/Aggregated ages for ages 90 and over)
Wife Age (89 and under/Aggregated ages for ages 90 and over)

* First three (3) digits of the zip code if, according to the bureau of census, the combined population of all zip codes with the same first three (3) digits is greater than 20,000 people.
DE-IDENTIFIED DATA ELEMENTS

Wife State of Birth
State of Marriage
Marriage Year
Husband/Wife Last Resided in Same Household Year
# Children Under 18
Petitioner
Decree Year
Type of Decree
# Children under 18 Physical Custody – Husband
# Children under 18 Physical Custody – Wife
# Children under 18 Physical Custody – Joint
# Children under 18 Physical Custody – Other
Husband # of This Marriage
Husband Last Marriage Ended By
Husband Last Marriage End Year
Husband Race
Husband Education
Wife # of This Marriage
Wife Last Marriage Ended By
Wife Last Marriage End Year
Wife Race
Wife Education

De-identified emergency room visit, inpatient hospitalization, and/or outpatient/ambulatory surgical center encounter records include the following data elements:

- Type of Encounter (Inpatient/Outpatient)
- Place of Service (e.g. ER/acute case/psych/etc.)
- Patient Birth Year (89 and under/Aggregated ages for ages 90 and over)
- Patient Sex/Gender
- Patient Race
- Patient Ethnicity (Hispanic/Non-Hispanic)
- State of Residence
- ZIP Code of Residence*
- Admission Year
- Admission Hour (for inpatients only)
- Type of Admission (for inpatients only) (Emergent/Elective/Newborn)
- Discharge Hour (for inpatients only)
- Length of Stay
- Number of Observation Units (hours)
- Disposition of Patient (e.g. sent home/transferred/died/etc.)
- E-Code (external cause of injury)
- Place of Injury E-code (e.g. home/farm/etc.)
- Principal Diagnosis Code & Year (ICD-10-CM beginning with 4th Quarter 2015)
- Other Diagnosis Code(s) & Year
- Procedure Coding Method Used (CPT4 or ICD-9-CM or ICD-10-CM)
- Principal Procedure Code and Year
- Other Procedure Codes and Year
- Total Charges (not including physician charges)
- Patient Age (89 and under/Aggregated ages for ages 90 and over)
- Length of Stay
- Diagnosis Coding Method Used
- DRG (Diagnosis-Related Group) (Only available prior to 4th Quarter 2015)

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DE-IDENTIFIED DATA ELEMENTS

Primary Source of Payment
Other Sources of Payment

De-identified fetal death records include the following data elements:
- Recorded State (Limited to Missouri)
- Delivery Year
- Time of Delivery
- Fetus Sex/Gender
- Type of Place of Delivery Occurred
- Mother Birth Year
- Mother Residence State
- Residence Zip Code*
- Years at Present Address (prior to 2011)
- Father Birth Year
- Cause(s) of Fetal Death
- Attendant Type
- Mother Hispanic Origin
- Father Hispanic Origin
- Mother Education
- Father Education
- Mother Participated in Medicaid
- Principle Source of Payment for this Delivery
- Mother Participated in WIC
- Mother Participated in Food Stamp Program
- # Previous Births Now Living
- # Previous Births Now Dead
- Year of Last Live Birth
- Mother Married at Conception, at Birth, or any Time in Between
- Last Menses Month/Year
- Month of Pregnancy Prenatal Care Began
- Total # Prenatal Visits
- Weight of Fetus (Grams)
- Obstetric Estimation of Gestation (Weeks)
- Plurality
  - If not single birth, Order Born
- # Fetal Deaths this Delivery (beginning 2011)
- Estimated Time of Fetal Death
- Mother Transferred from another Facility (Yes/No)
- Tobacco Use During Pregnancy (Yes/No/Unknown) (prior to 2011)
- # Cigarettes Smoked During the 3 Months Prior to Pregnancy (beginning 2011)
- # Cigarettes Smoked During 1st Trimester (beginning 2011)
- # Cigarettes Smoked During 2nd Trimester (beginning 2011)
- # Cigarettes Smoked During 3rd Trimester (beginning 2011)
- Mother Height (feet & inches)
- Mother Prepregancy Weight
- Mother Weight Gain/Loss during Pregnancy (prior to 2011)
- Mother Weight at Delivery (beginning 2011)
- Risk Factors (All)
- Obstetric Procedures (All)
- Characteristics of Labor & Delivery (All)
- Method of Delivery (All)
- Maternal Morbidity (beginning 2011)

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DE-IDENTIFIED DATA ELEMENTS

Infections Present and/or Treated During Pregnancy (beginning 2010)
Congenital Anomalies of the Fetus (All)
Delivery Paid by Private Insurance (Yes/No)
Inadequate Prenatal Care (MO Index)
Length Pregnancy (weeks)
Calculated Gestational Age (weeks)
Mother Age (calculated)
Father Age (calculated)
Mother Race (NCHS Bridged Race)
Father Race (NCHS Bridged Race)
Fetus Race

De-identified live birth records include the following data elements:
Recorded State (Limited to Missouri)
Child Birth Year
Time of Birth
Child Sex/Gender
Type of Place Where Birth Occurred
Attendant Title/Type
Certifier Title/Type
Mother Birth Year
Mother Residence State
Years at Present Address (prior to 2010)
Residence Zip Code*
Father Birth Year
Mother Hispanic Origin
Father Hispanic Origin
Mother Education
Father Education
Principal Source of Payment this Delivery (beginning with 2010)
Mother Participated in Medicaid
Mother Participated in WIC
Mother Participated in Food Stamp Program
# Previous Births Now Living
# Previous Births Now Dead
Year of Last Live Birth
# Previous Pregnancy Other Outcomes
Year of Last Other Pregnancy Outcome
Mother Married at Conception, at Birth, or Any Time in Between
Last Menses Month/Year
Month of Pregnancy Prenatal Care Began
Total # Prenatal Visits
Child Birth Weight (grams)
Obstetric Estimation of Gestation (Weeks)
Plurality
  If not a single birth, Order Born
Tobacco Use During Pregnancy (Yes/No/Unknown) (prior to 2010)
# Cigarettes Smoked During the 3 Months Prior to Pregnancy (beginning 2010)
# Cigarettes Smoked During 1st Trimester (beginning 2010)
# Cigarettes Smoked During 2nd Trimester (beginning 2010)
# Cigarettes Smoked During 3rd Trimester (beginning 2010)
Mother Height (feet & inches)

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DE-IDENTIFIED DATA ELEMENTS

Mother Prepregnancy Weight
Mother Weight Gain/Loss during Pregnancy
Apgar 1 Minute (prior to 2010)
Apgar 5 Minutes
Apgar 10 Minutes (beginning 2010)
Mother Transferred From Another Facility (Yes/No)
Infant Transferred Within 24 Hours of Delivery (Yes/No)
Eye Drug Used (Yes/No)
Newborn Received Hepatitis B Shot (Yes/No)
Medical Risk Factors (All)
Obstetric Procedures (All)
Onset of Labor (All) (beginning 2010)
Complications of Labor & Delivery (All) (prior to 2010)
Characteristics of Labor & Delivery (All) (beginning 2010)
Method of Delivery (All)
Maternal Morbidity (All) (beginning 2010)
Abnormal Conditions of the Newborn (All)
Congenital Anomalies of the Newborn (All)
Infections Present and/or Treated During Pregnancy (beginning 2010)
Inadequate Prenatal Care (MO Index)
Length Pregnancy (weeks)
Calculated Gestational Age (weeks)
Newborn Received Hepatitis B Shot (Yes/No) (beginning 2010)
Mother Age (calculated)
Father Age (calculated)
Mother Race (NCHS Bridged Race)
Father Race (NCHS Bridged Race)
Child Race

De-identified marriage records include the following data elements:
Recorded State (Limited to Missouri)
Year of Ceremony/Marriage
First Party Age (89 and under/Aggregated ages for ages 90 and over)
First Party Year of Birth (89 and under/Aggregated years of birth for ages 90 and over)
First Party Birthplace State
First Party # of This Marriage
First Party Last Marriage Ended By
Year First Party Last Marriage Ended
First Party Race
First Party Education
First Party Sex
Second Party Age (89 and under/Aggregated ages for ages 90 and over)
Second Party Year of Birth (89 and under/Aggregated years of birth for ages 90 and over)
Second Party Birthplace State
Second Party # of This Marriage
Second Party Last Marriage Ended By
Year Second Party Last Marriage Ended
Second Party Race
Second Party Education
Second Party Sex

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