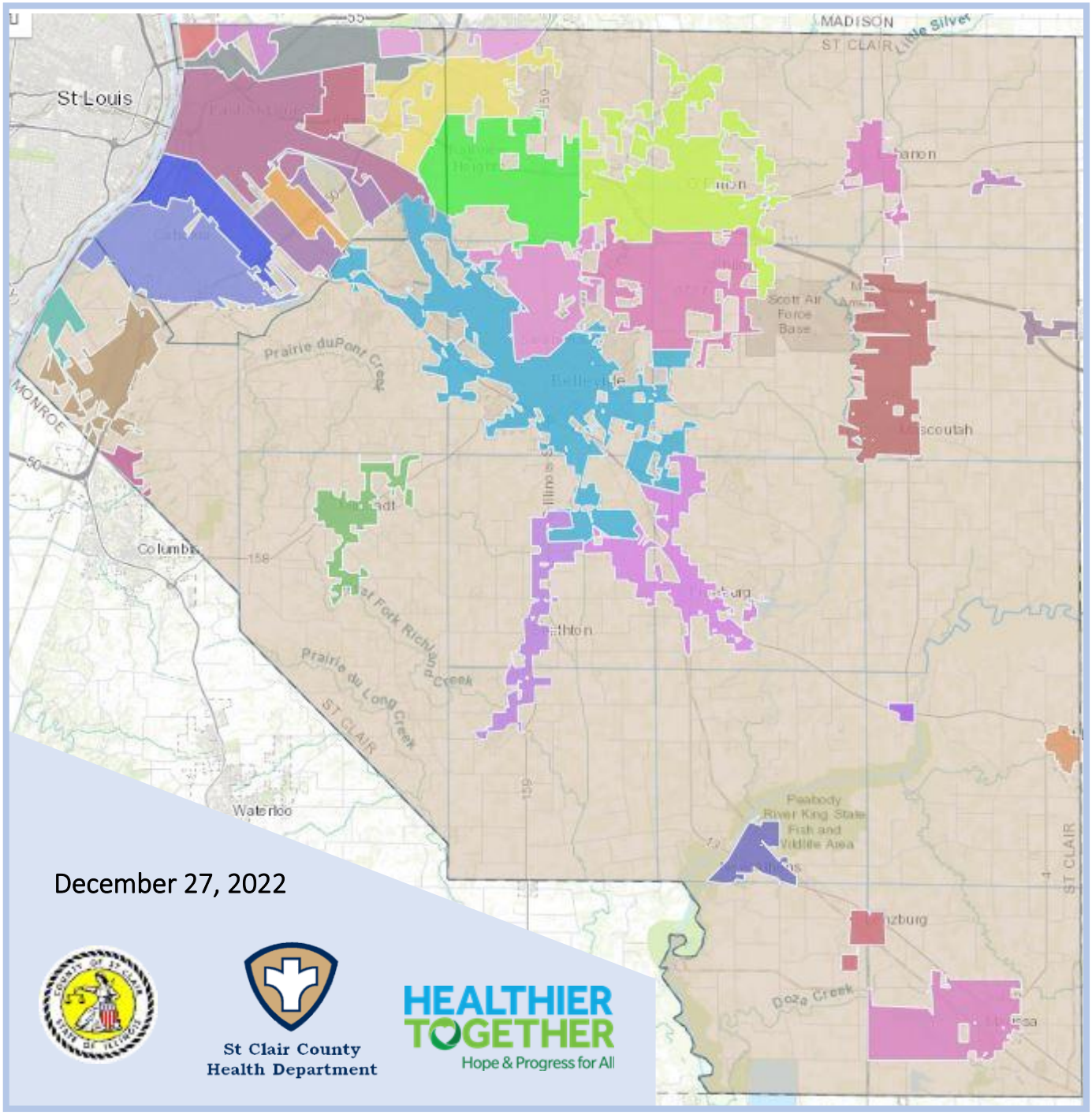
St. Clair County

Community Health Information Project*

Guidelines for Integrating Natality and Mortality Data



*Funding for this project is made possible through a Cooperative Agreement between the St. Clair County Health Department and HEALTHIER TOGETHER.

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Introduction and Background

Local health departments (LHDs) are nationally recognized for their leadership role in conducting and disseminating assessments focused on population health status and public health issues facing the community.[1] Within this capacity, the St. Clair County Health Department has also served as a custodian of vital records for natality (birth), morbidity (hospitalizations), and mortality (death) outcomes for the residents of St. Clair County for many years through a Data Use Agreement with the Illinois Department of Public Health. This custodial role has primarily enabled them to generate internal health assessment reports, and process outside requests from partner organizations for county and community statistics on specific health conditions.

This role is also recognized as essential to the ongoing collaborative efforts of St. Clair County's Healthcare partners to establishing and accessing a sustainable measurement and feedback system. Such a system is essential for successful and reasonable alignment of strategic focus area activities and outcomes related to a shared health assessment, planning and improvement process required by hospitals and certified health departments in Illinois.

The importance of developing and sustaining a systematic approach to accessing reliable local public health data recently re-emerged in a five-part series of meetings facilitated by HEALTHIER TOGETHER among St. Clair County's two certified health departments and three hospitals this year. These meetings highlighted the value of reliable and timely local population health information as an integral component to achieving collective impact around shared community health goals.

The need to initiate such a community health information system has also been well documented over the last 25 years among the various community health assessment, planning and accreditation and re-certification activities conducted by our county hospitals and health departments. Realizing and sustaining such a goal will require a long-term commitment among multiple partners; and remains part of the Department's 2021-26 IPLAN Community Health Improvement Plan, its 2022-26 Organizational Strategic Plan and their recently approved PHAB certification documents.

As a result of these discussions, and a follow-up invitation for HEALTHIER TOGETHER to submit a project proposal to the County Health Department, a short-term cooperative agreement was established in the fall of 2022 to provide transitional support for updating and sustaining a local public health natality and mortality surveillance system that the Department began to develop in the years prior to the COVID pandemic.

This Community Health Information Project is funded as partial fulfillment of one of the Health Department's 2022 priority goals "to improve data collection and monitoring efforts to inform quality improvement projects" as stated in its 2021 Annual Report. Our hope is that the guidelines established in these pages will be a useful tool to the work of the County's various health coalitions; that it will extend to other sources of reliable population health information, and lead to continued efforts to combine resources from multiple partners seeking to establish and make meaningful use of a shared public health information support system.

[1] As listed in Domain 1 and 9 Standards of the National Public Health Accreditation Board (PHAB) Standards and Measures for Reaccreditation https://phaboard.org/wp-content/uploads/Standard-Measures-Version-2022-Reaccreditation.pdf.

Birth and Death Database Overview

The current data use agreement (DUA) between the Illinois Department of Public Health (IDPH) and the St. Clair County Health Department (SCCHD) provides for a transfer of county birth and death information to assist local efforts to prioritize programs and services and facilitate efforts for in-depth planning for county residents. Authorized agents of the SCCHD are permitted access to the annual statistical files of their respective locale upon closure of yearly data sets for birth and death data.

A Birth Master File Layout (Appendices 1 and 2) and Death Master File Layout (Appendices 3 and 4) are also provided to delineate the specific fields of information for each birth and death event. The birth file includes up to 340 fields of information for an average of 3,030 births every year. The death file includes up to 269 fields of information for an average of 2,573 deaths every year.

Once received, these records are imported into a larger relational database through a Microsoft Access platform and used to generate queries and reports as needed.

A relational database is a collection of information that organizes data in predefined relationships where data is stored in one or more tables (or "relations") of columns and rows, making it easy to see and understand how different data structures relate to each other. Relationships are a logical connection between different tables, established based on interaction among these tables.

Figure 1: Birth Database Information Tables

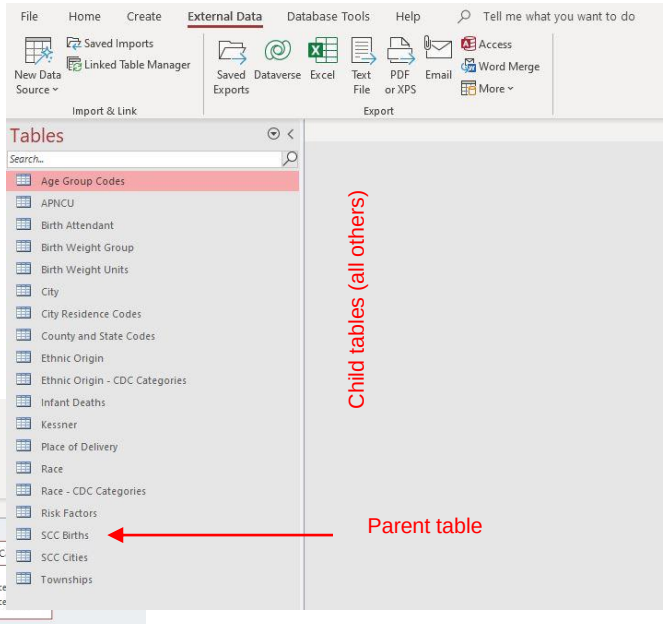


Figure 1 provides a list of the tables that currently comprise the SCCHD birth information system. Figure 2 illustrates the relationship between tables.

Figure 2: Table Relationships

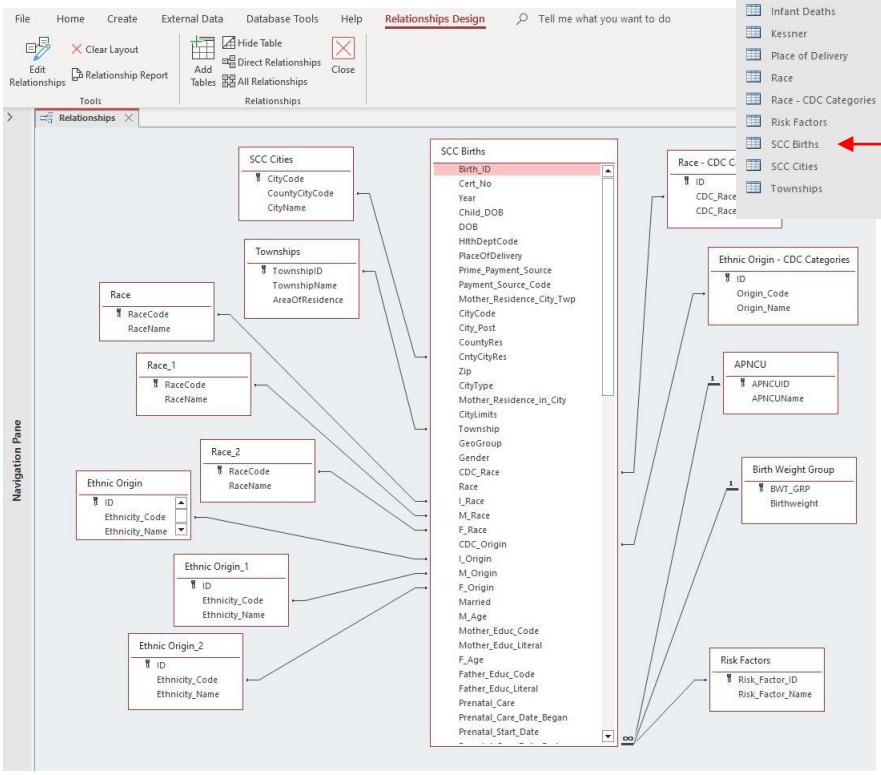


Table relationships are often described as Parent-Child in nature, with the larger (Parent) table containing a field that is linked to a smaller (Child) table that contains more detailed information related to the field.

Importing and Appending Data

The Access database application can import raw data from a variety of formats. The annual birth and death statistical files received from IDPH are downloaded into the State Secure File Transfer Site (SSFTS) as fixed width text files. Authorized health department staff are issued a login to obtain these files through the IDPH WebPortal MoveIT account. The name assigned to these files is based on a prefix of BTH (for births) or DTH (for deaths), the year of the event and the 3-digit FIPS code for St. Clair County. For example, the 2018 file for St. Clair County births is assigned the name *BTH2018.163*.

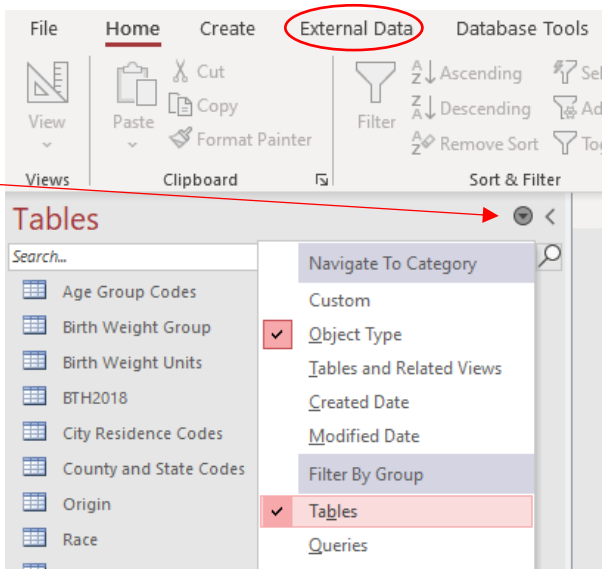
Below is the sequence of steps necessary for importing IDPH files into the Access database system and appending the records to their respective birth and death tables. These steps are similar for adding annual data to both the Birth (SCC_Births-102.accdb) and Death (SCC_Deaths-76.accdb) Access databases.

Steps for Importing IDPH Birth & Death files into an Access Database

Step 1 – Rename the file to be imported so that the "163" extension is changed to a "txt" extension. Thus, *BTH2018.163* becomes *BTH2018.txt*; and *DTH2018.163* becomes *DTH2018.txt*. Store the file in a secure location.

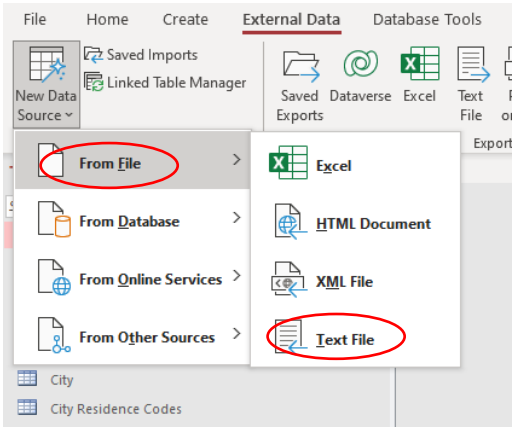
Step 2 – Navigate to the location of the *SCC_Births.mdb* or *SCC_Deaths.mdb* database file that you wish to open and double-click the left mouse button to open the file.

Step 3 – Once the selected database is open, use the dropdown option on the left panel and select ***Tables*** to open the list of tables. Click here to open the dropdown menu.

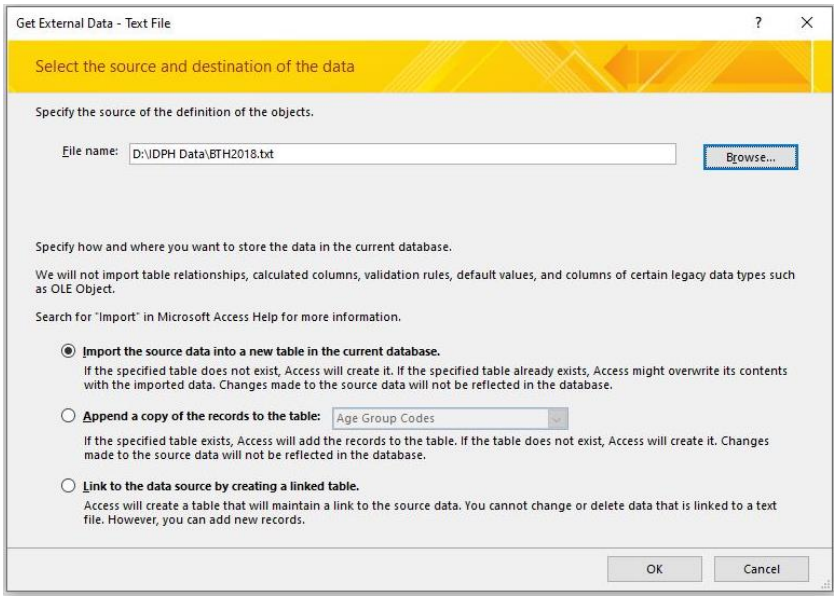


Step 4 – While the database tables are listed on the left-side panel, left click your mouse cursor to open the External Data menu options on the top row menu.

Step 5 – Select ***New Data Source*** to see a drop-down list of options. Select the ***From File*** option, then the ***Text File*** option to open a Browse box to identify the location of the text file you wish to import.



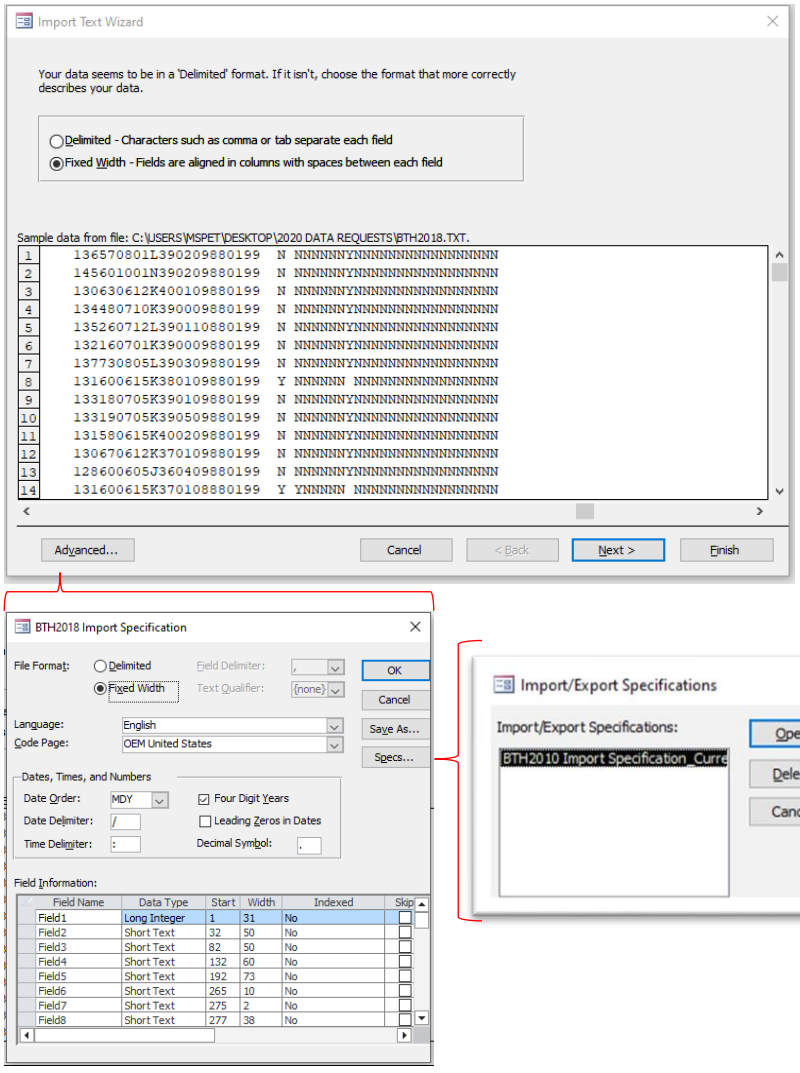
Step 6 – Select the button option ***Import the source data into a new table in the current database*** and use the Browse button to locate the file for import. Once the file is listed in the dialogue box as shown in the image on the right, click the OK button to open the Import Text Wizard.



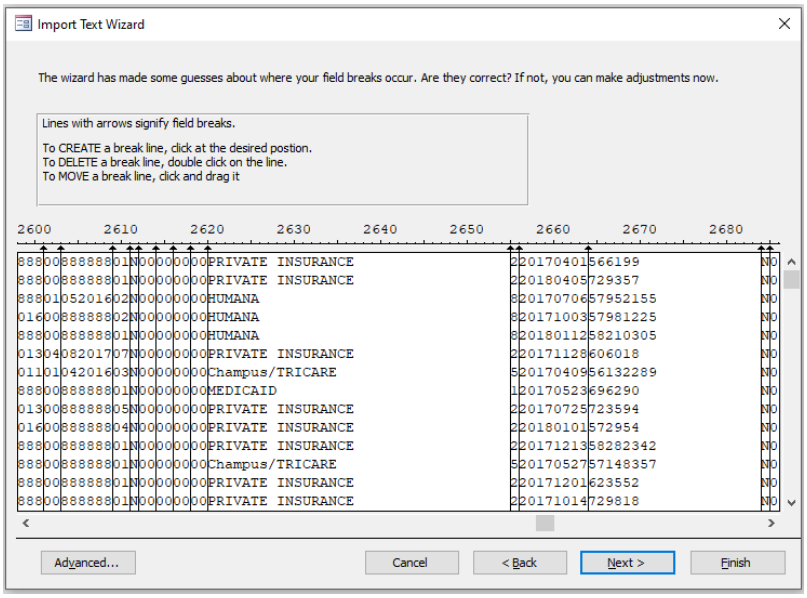
Step 7 – Select the button option Fixed Width in the Import Text Wizard box, then click the Advanced… button in the lower left corner of the box to open a box for selecting Import Specifications.

Step 8 – Select the Specs.. button to open the Import/Export Specifications box.

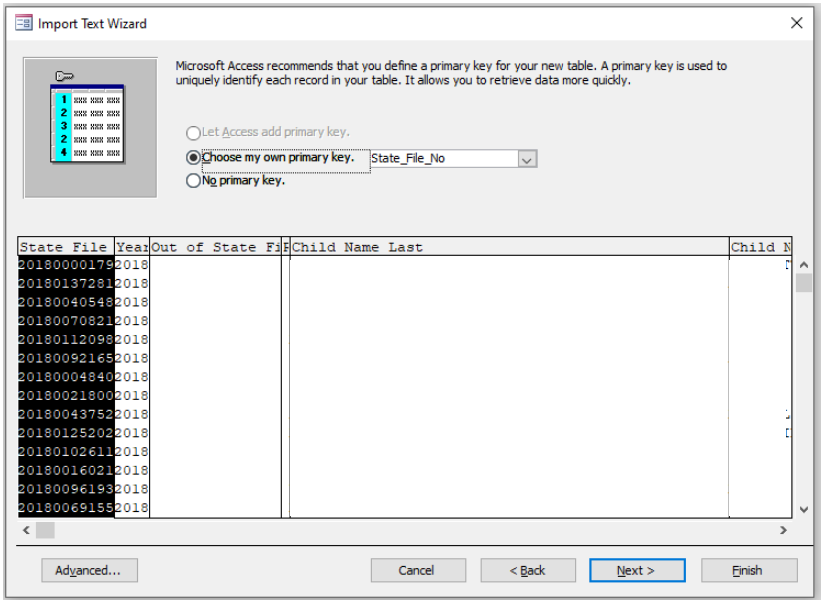
Step 9 - Select the ***BTH2010 Import Specification_Current*** option and click the Open link to initiate a process for importing a pre-selected set of fields from the appropriate IDPH Data Dictionary for birth or death records (see Appendices 1 & 2).



Step 10 - Observe the field column changes applied to the Import Text Wizard box after clicking the Next > button at the bottom of the box. Continue to press the Next > button two more times before proceeding to Step 11.



Step 11 - Select the button option to **Choose my own primary key** using the first column data field State_File_No, and click the Next> button at the bottom of the box.

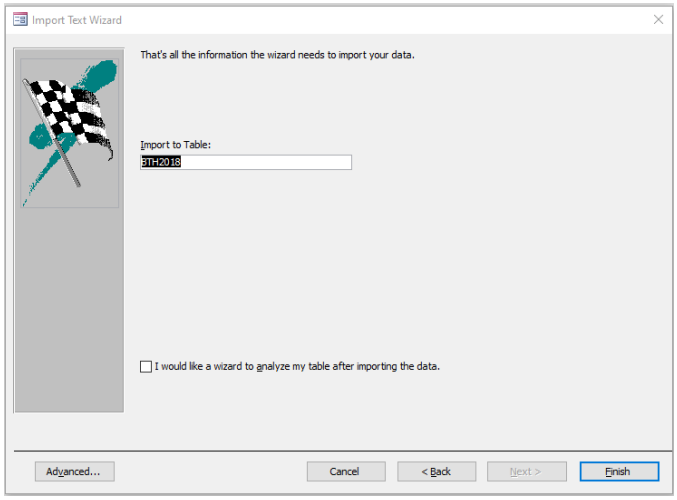


Step 12 - A dialogue box will appear allowing you to provide a name for the new table waiting to be imported into your Access system.

You can accept the default name or change the name of your new table before clicking the Finish button at the bottom of the Text Wizard box.

Upon clicking the Finish button, the new table will appear with the list of other tables on the left panel as described in Figure 1 on page 4.

This new table is now ready to be appended to the larger Parent table (i.e. SCC Births) through an Append Query as described in the next section.



Steps for Appending Annual Birth and Death Records to a Parent Table

Before running queries and reports from your imported birth or death records, they will need to be appended to the appropriate Parent table in the appropriate database. The basic steps for appending new records into either of the County Health Department's Natality and Mortality databases is essentially the same and starts with an Append Query located in the Query section of both databases (Figure 3). Below is a series of steps used in recent training sessions with Health Department staff to demonstrate how the newly imported 2018 birth records were appended to the larger SCC Birth (Parent) table through an Append Query named ***Append New Year***.

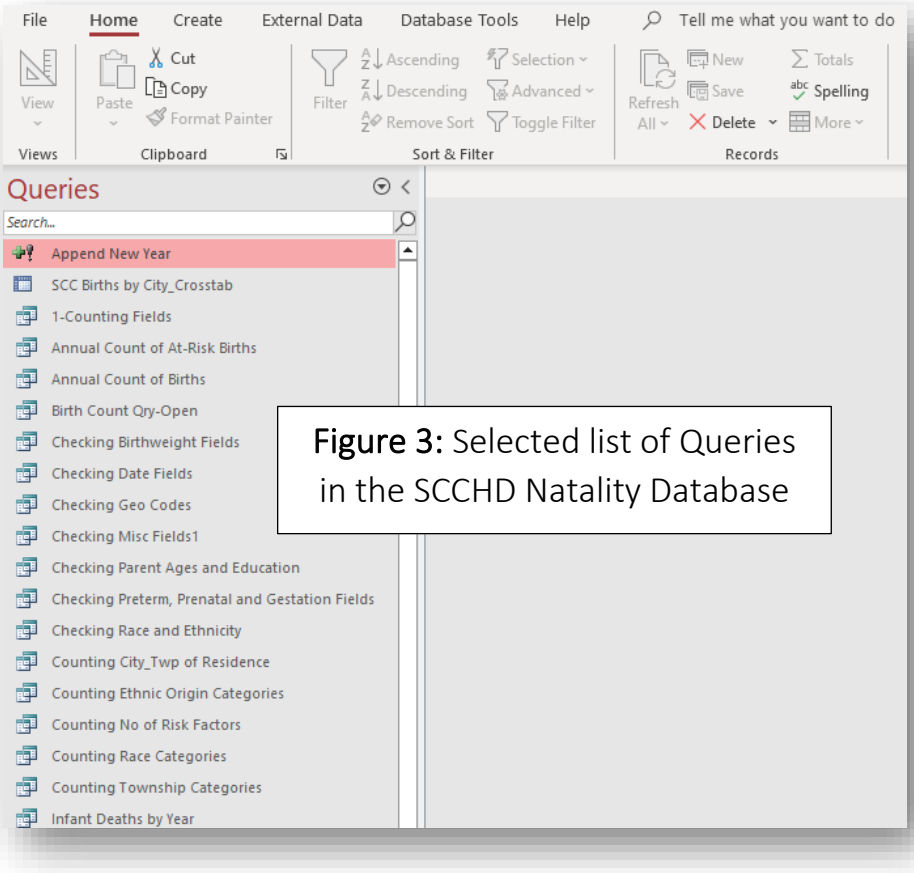


Figure 3: Selected list of Queries in the SCCHD Natality Database

Step 1 – Select the Design View option on the dropdown menu after highlighting the Query ***Append New Year*** and pressing the left mouse button.

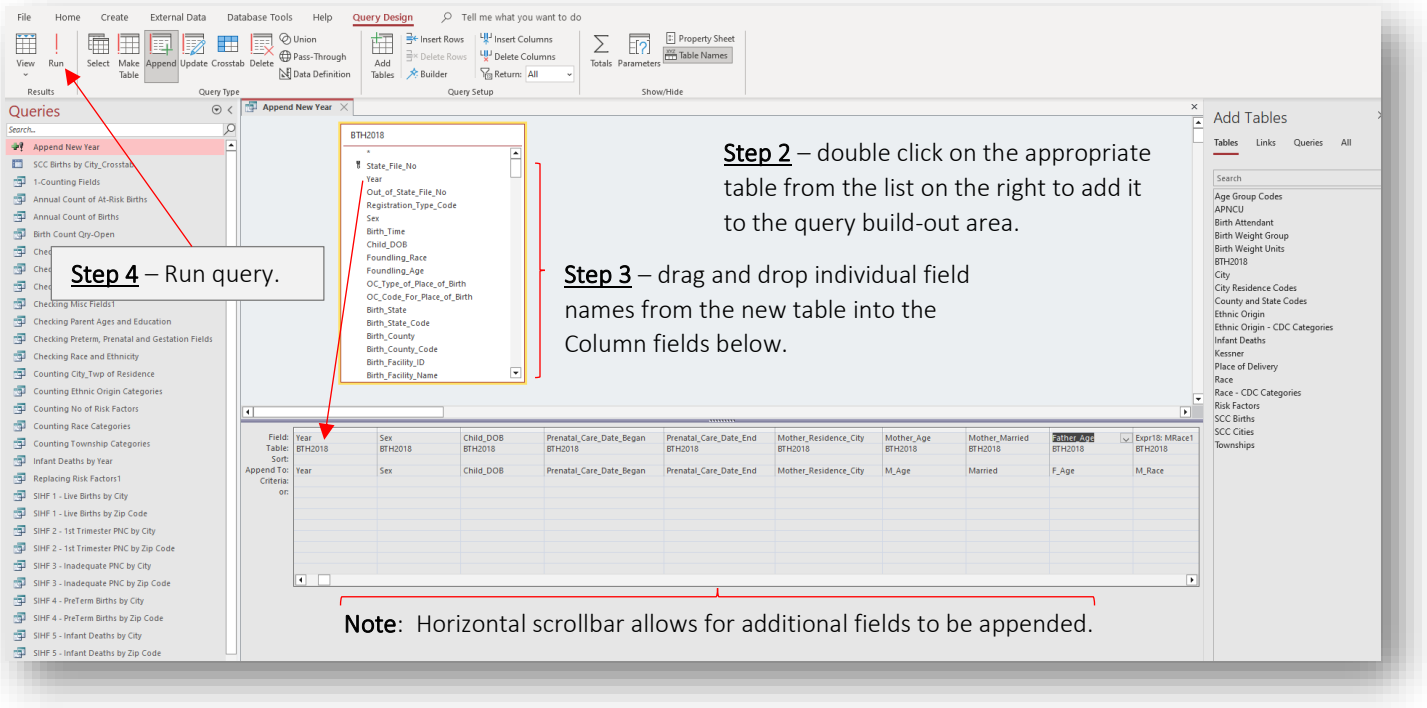
Step 2 – Ensure that the recently imported table is placed in the upper build-out section of the Query designer tab.

Step 3 – Drag and drop the appropriate fields from the imported table into the Field selection columns in the lower half of the Query designer tab. **Note**: be sure to use the Data File Layout from the Parent table to identify and append the correct fields of information from the newly imported table to its related field in the SCC Birth table.

Step 4 – Run the append query by selecting the Run option on the Query Design menu ribbon at the top of the screen. **Note**: follow the screen prompts to ensure that the new records were amended to the Parent table.

Figure 4 on the following page provides a visual illustration of using the Query designer to complete steps 2-4 for appending an annual set of records to the larger collection of records within the St. Clair County Community Health Information System.

Figure 4: Illustrating the use of an Append Query to add new records to a Parent Table



Access Queries and their Use: A Primer

Although an exhaustive discussion of the Access table and query building tools and procedures is beyond the scope of this project, a brief overview of their use relevant to local birth and death events is essential to understanding their value in assisting St. Clair County's Community Health Assessment, Planning and Collective Impact process.

If, as described earlier, a relational database is simply a collection of information that organizes data stored in one or more tables of columns and rows, then queries become the means through which useful questions about that data can be answered.

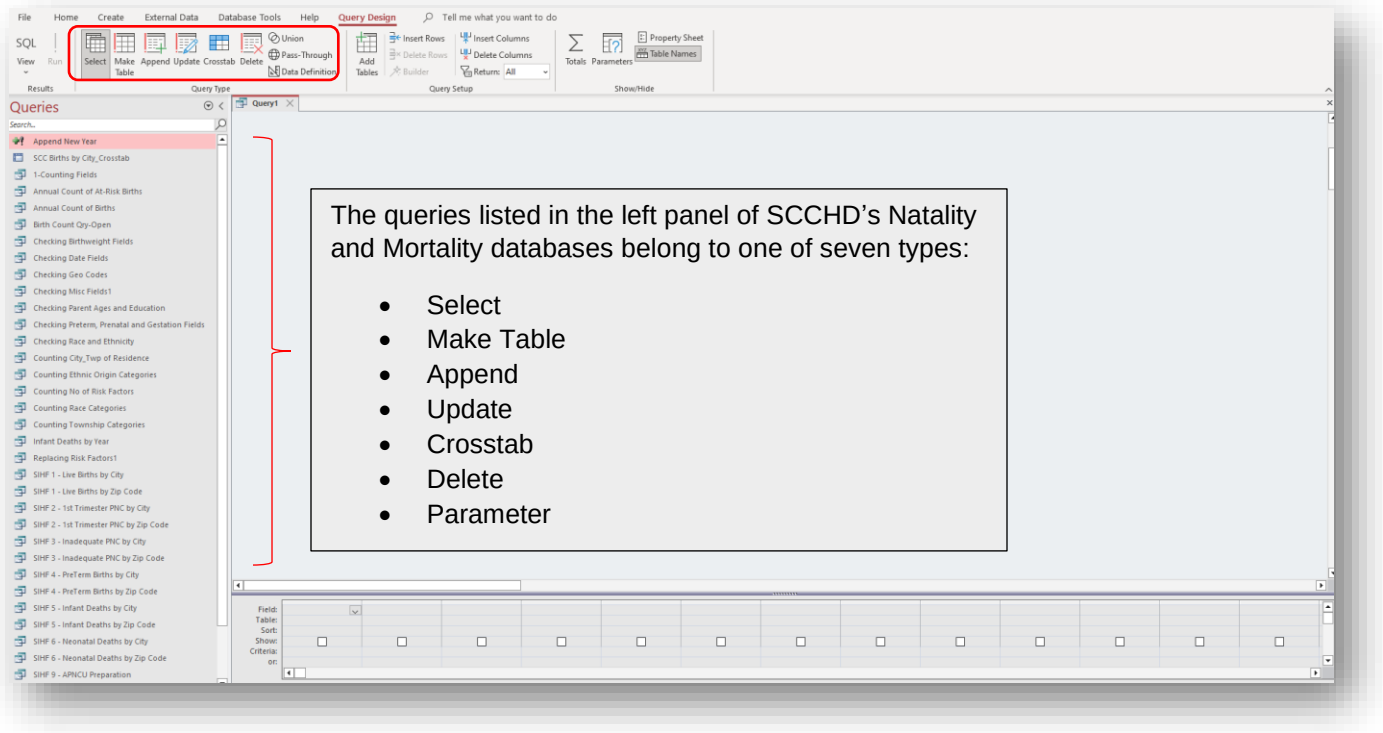
Over the years, the SCCHD has made use of numerous queries to provide useful reports to its partners seeking answers about the underlying patterns of health outcomes and their related risk factors derived from natality, morbidity, and mortality data. Many of these queries are still used to complete annual or ad hoc requests from coalition members working in their respective focus areas of community health improvement. They were also updated and reviewed in recent training sessions with Health Department staff in preparation for adding more current years of information from IDPH as soon as it is available.

In the next two sections, we will describe and illustrate the different types of queries that have been used with the Health Department's natality and mortality data.

Types of Queries

Besides the Append Query illustrated in Figure 4 on page 9, the Access Database application uses several other types of queries. The main Query Types are available on the menu ribbon of the Query Design tab. They are encircled in the red box portion of Figure 5 below.

Figure 5: Types and Names of Queries used in the SCCHD Natality Access Database



A **Select** query is used to select and display data from either one table or a series of tables depending on what is needed.

A **Make Table** query creates a new table based on the set results of a query.

An **Append** query takes the set results of a query and adds them to an existing table.

An **Update** query modifies table information based on the set results of a query.

A **Crosstab** query is used to generate bi-variate reports such as summaries, averages, standard deviations, etc. among groups across time.

A **Delete** query deletes all records in an underlying table from the set results of a query.

A **Parameter** query works with other types of queries to get whatever results you are after.

Sample Query Results from SCCHD's Natality and Mortality Databases

Several template queries are included in the Health Department's Natality and Mortality databases which use only a fraction of the fields of information readily available from the data dictionaries. They are listed in the Appendix section of this document. Copies of these can be modified, renamed, and cataloged as needed to address requests for information from coalitions and partner organizations in St. Clair County. Select samples of some of the queries that were used in the training session portions of this project are illustrated in the remaining pages of this documents.

Example 1: The results of a Crosstab query summarizing the number of 2010-18 births by city and township of residence.

SCC Births by City_Crosstab

CityName	CityCode	Total Of Birth_ID	2010	2011	2012	2013	2014	2015	2016	2017	2018
Alorton	005	180	24	21	30	20	14	24	11	21	15
Belleville	010	7090	795	835	754	769	767	759	798	814	799
Brooklyn	015	142	15	16	15	22	17	14	15	14	14
Cahokia	020	2029	256	241	236	243	234	227	205	197	190
Canteen Twp	800	27	4	2	1	6	3	3	2	3	3
Caseyville	025	650	74	69	79	70	62	74	76	68	78
Caseyville Twp	801	270	37	38	26	31	39	23	33	18	25
Centreville	030	512	78	66	61	63	61	52	44	58	29
Centreville Twp	802	117	15	21	12	14	14	14	9	13	5
Collinsville	428	419	48	63	53	40	41	56	33	53	32
Dupo	035	426	43	35	53	47	57	40	53	43	55
East Carondelet	040	103	7	9	7	17	12	15	10	13	13
East St. Louis	045	4450	523	474	458	517	512	517	493	475	481
Fairmont City	425	284	28	44	35	32	25	46	24	27	23
Fairview Heights	052	1706	199	196	196	176	206	194	167	172	200
Fayetteville	055	40	5	4	3	6	6	4	6	4	2
Fayetteville Twp	804	14	1	1	4	1	1	2		1	3
Freeburg	060	382	47	42	47	38	32	55	37	44	40
Freeburg Twp	805	75	13	8	15	9	8	8	4	7	3
Lebanon	065	432	50	50	36	35	60	62	42	51	46
Lebanon Twp	806	92	11	11	12	13	10	7	9	10	9
Lenzburg	070	51	5	10	5	3	5	6	7	2	8
Lenzburg Twp	807	32	7	3	5	3	2	2	6	3	1
Madison	465	14	2	2	1	4	1		1		3
Marissa	075	224	36	25	23	28	24	27	21	16	24
Marissa Twp	808	45	10	7	6	4	3	5	2	6	2
Mascoutah	080	876	99	86	87	95	110	105	91	99	104
Mascoutah Twp	809	94	12	12	14	14	13	9	9	6	5
Millstadt	085	441	49	59	41	35	43	53	54	53	54
Millstadt Twp	810	192	18	23	28	20	29	21	18	14	21
New Athens	105	232	21	31	17	25	29	25	28	24	32
New Athens Twp	811	65	8	5	11	7	7	13	6	6	2
New Baden	470	36	3		7	3	5	6	6	3	3
O'Fallon	110	3083	332	313	323	318	342	363	391	375	326
O'Fallon Twp	812	147	12	29	19	18	22	9	13	11	14

Example 2: The results of three Select queries asking for an annual count of Births, "At-Risk" Births and Infant Deaths.

Annual Count of Births

Year	CountOfBirt
2010	3500
2011	3497
2012	3419
2013	3348
2014	3420
2015	3441
2016	3240
2017	3221
2018	3115

Annual Count of At-Risk Births

Year	CountOfBirt
2010	817
2011	841
2012	883
2013	944
2014	1046
2015	1203
2016	1211
2017	1202
2018	1146

Infant Deaths by Year

Year	CountOfID1
2010	23
2011	13
2012	26
2013	27
2014	41
2015	23
2016	30
2017	37
2018	22

Example 3: The results of a Crosstab query summarizing the number of 2010-18 deaths by Underlying Cause of Death Categories.

001 Crosstab Qry - COD41 by Year

CODName	Total Of ID	2010	2011	2012	2013	2014	2015	2016	2017	2018
All Other Accidents and Adverse Effects	901	75	79	112	93	106	91	93	120	132
All Other Diseases	2007	202	240	238	197	195	227	241	238	229
All Other External Causes	107	4	32	6	8	3	6	7	18	23
All Other Respiratory Diseases	549	47	57	58	52	67	65	54	85	64
Atherosclerosis	7	1	1	1	1		1		1	1
Cancer of the Breast	329	42	37	28	31	41	43	36	22	49
Cancer of the Cervix, Uterine and Ovary	266	28	29	26	27	23	35	36	30	32
Cancer of the Colon, Rectum and Anus	452	53	47	41	52	48	60	49	53	49
Cancer of the Pancreas	289	23	23	41	27	43	35	32	34	31
Cancer of the Prostate	273	37	30	32	20	28	36	35	27	28
Cancer of the Stomach	58	5	7	9	8	5	6	6	8	4
Cancer of the Trachea, Bronchus and Lung	1465	161	156	175	172	152	172	163	159	155
Cancer of the Urinary Tract	272	32	23	22	32	44	25	30	39	25
Cerebrovascular Disease	1195	141	139	124	126	130	136	101	140	158
Chronic Liver Disease and Cirrhosis	163	29	29	25	22	15	24	19		
Chronic Lower Respiratory Disease	1363	158	160	158	144	158	139	129	168	149
Conditions Originating in the Perinatal Period	109	11	4	12	12	21	9	11	22	7
Congenital Abnormalities	82	5	7	7	13	10	8	12	8	12
Diabetes mellitus	853	86	91	120	106	92	87	76	86	109
Diseases of the Nervous System	1323	139	120	126	136	163	173	145	146	175
Hodgkin's Disease	12	1		3	2	1	2		1	2
Homicide	374	37	53	39	40	41	32	40	52	40
Human Immunodeficiency Virus (HIV)	74	15	8	11	9	7	8	10	2	4
Hypertension and Hypertensive Renal Disease	350	33	23	42	38	49	34	41	44	46
Hypertensive Heart Disease	255	16	24	22	31	33	32	33	25	39
Influenza and Pneumonia	413	36	30	36	47	64	46	55	48	51
Ischemic Heart Disease	3015	349	367	369	345	333	302	351	322	277
Leukemia	178	28	18	21	20	18	16	19	18	20
Mental and Behavioral Disorders	1198	129	144	123	144	159	127	118	118	136
Motor Vehicle Accidents	290	15	24	32	50	35	31	34	41	28
Nephritis, Nephrotic Syndrome and Nephrosis	574	62	54	47	60	57	76	69	79	70
Non-Hodgkin's Lymphoma	154	20	21	15	24	13	12	19	11	19
Other Diseases of the Circulatory System	169	23	15	22	20	11	22	15	26	15
Other Heart Diseases	1888	160	171	158	181	184	216	219	277	322
Other Malignant Neoplasms	1394	140	147	181	160	159	155	159	139	154
Peptic Ulcer	75		5	2	2	2	1	4	25	34
Pregnancy, Childbirth and the Puerperium	5		1	1	1	1				1
Suicide	276	29	43	23	28	33	19	27	42	32
Tuberculosis	4		1	1						2

Example 4: The results of a Crosstab query summarizing the number of 2010-18 deaths by Townships in St. Clair County.

001 Crosstab Qry - Township Deaths by Year

TownshipName	Total Of ID	2010	2011	2012	2013	2014	2015	2016	2017	2018
Belleville Twp	5647	534	574	586	559	577	602	601	790	824
Canteen Twp	436	50	52	72	38	45	46	32	50	51
Caseyville Twp	2550	257	258	273	264	315	287	291	286	319
Centreville Twp	2044	223	219	243	240	228	214	218	221	238
East St. Louis Twp	3025	323	326	344	330	327	331	340	363	341
Fayetteville Twp	67	5	11	9	6	6	4	9	7	10
Freeburg Twp	590	62	62	63	66	69	61	60	74	73
Lebanon Twp	681	73	73	67	73	85	94	67	83	66
Lenzburg Twp	102	11	10	11	12	13	17	7	10	11
Marissa Twp	281	20	40	29	35	30	36	19	36	36
Mascoutah Twp	720	81	83	67	72	75	84	94	84	80
Millstadt Twp	571	64	66	65	80	51	59	68	53	65
New Athens Twp	341	43	36	32	37	44	39	45	32	33
O'Fallon Twp	1651	166	173	167	173	185	198	153	218	218
Prairie Du Long Twp	7	1						1	5	
Shiloh Valley Twp	498	46	52	46	49	63	63	49	63	67
Smithton Twp	298	30	33	28	35	31	19	42	32	48
St. Clair Twp	2519	319	315	331	329	315	281	308	161	160
Stites Twp	59	6	10	5	6	6	6	8	7	5
Stookey Twp	2							1	1	
Sugar Loaf Twp	672	58	67	71	77	79	68	75	98	79

List of Appendices

Appendix 1: IDPH Birth File Master Layout

2010-Present Birth Master File Layout			
Birth Extract Field Name	**Birth Extract Column Datatypes**	**Birth Extract Column Positions**	**Definitions/Values**
State_File_Number	CHAR(11)	1 thru 11	State File Number is the number assigned to each birth that occurred in Illinois after the birth is registered. It is composed of a 4-digit year of Birth and a 7-digit unique number.
Event_Year	CHAR(4)	12 thru 15	Year of Birth
Out_Of_State_Birth_File_Number	CHAR(15)	16 thru 30	When a birth occurs in another state to an Illinois resident, that state sends a copy of the registered birth to Illinois. The Out-Of-State State File Number is the number assigned by the state in which the birth occurred.
Registration_Type_Code	CHAR(1)	31	Indicates the type of birth record. Values: NULL = Regular D = Delayed L = Foundling O = Out of State
Child_Name_Last	CHAR(50)	32 thru 81	Last name of child
Child_Name_First	CHAR(50)	82 thru 131	First name of child
Child_Name_Middle	CHAR(50)	132 thru 181	Middle name of child
Child_Name_Suffix	CHAR(10)	182 thru 191	Suffix of child
Sex	CHAR(1)	192	Sex of child. Values: M = Male F = Female U = Unknown
NCHS_Birth_Time	CHAR(4)	193 thru 196	Values: 0001 - 1159 = AM values 1200 = Noon 1201 - 2359 = PM values 0000 = Midnight 9999 = Unknown
Child_DOB	DATE	197 thru 204	Date of Birth of the child. This field is formatted as YYYYMMDD.
Foundling_Race	CHAR(30)	205 thru 234	Race of a foundling.
Foundling_Age	CHAR(30)	235 thru 264	Approximate age of a foundling.
OC_Type_Of_Place_Of_Birth	CHAR(50)	265 thru 314	Type of place where the birth occurred. Values: Hospital Freestanding Birth Center Homebirth - Planned Homebirth - Not Planned Homebirth - Unknown Clinic/Doctor's Office Other Unknown
OC_Code_For_Place_Of_Birth	CHAR(1)	315 thru 315	Type of place where the birth occurred. Values: 1 = Hospital 2 = Freestanding Birth Center 3 = Homebirth - Planned 4 = Homebirth - Not Planned 5 = Homebirth - Unknown 6 = Clinic/Doctor's Office 7 = Other 9 = Unknown
Filler	CHAR(19)	316 thru 334	
Occurrence_State	CHAR(25)	335 thru 359	The name of the state where the birth occurred.
Occurrence_State_Code	CHAR(2)	360 thru 361	The code of the state where the birth occurred.
Occurrence_County	CHAR(30)	362 thru 391	The name of the county where the birth occurred.
Occurrence_County_Code	CHAR(3)	392 thru 394	The code of the county where the birth occurred.
Occurrence_Facility_ID	CHAR(8)	395 thru 402	ID number of facility where birth occurred. This will only be present for Illinois facilities.
Occurrence_Facility_Name	CHAR(65)	403 thru 467	Name of place where birth occurred.
Occurrence_Address	CHAR(50)	468 thru 517	Address of facility or residence where birth occurred.
Occurrence_City	CHAR(45)	518 thru 562	City where birth occurred.
Occurrence_ZIP	CHAR(9)	563 thru 571	ZIP code where birth occurred.
Filler	CHAR(50)	572 thru 621	
Mother_Name_Last	CHAR(50)	622 thru 671	Last name of mother/co-parent
Mother_Name_First	CHAR(50)	672 thru 721	First name of mother/co-parent
Mother_Name_Middle	CHAR(50)	722 thru 771	Middle name of mother/coparent
Mother_Name_Suffix	CHAR(10)	772 thru 782	Suffix of mother/co-parent
Mother_Maiden_Name_Last	CHAR(50)	783 thru 832	Maiden last name of mother/co-parent

2010-Present Birth Master File Layout			
Birth Extract Field Name	**Birth Extract Column Datatypes**	**Birth Extract Column Positions**	**Definitions/Values**
Mother_Mainden_Name_First	CHAR(50)	833 thru 882	Maiden first name of mother/co-parent
Mother_Maiden_Name_Middle	CHAR(50)	883 thru 932	Maiden middle name of mother/coparent
Mother_Maiden_Name_Suffix	CHAR(10)	933 thru 942	Maiden suffix of mother/co-parent
Mother_Birth_Country	CHAR(50)	943 thru 992	Name of country in which mother/co-parent was born.
Mother_Birth_Country_FIPS_Code	CHAR(2)	993 thru 994	The FIPS code of the country where the mother/co-parent was born.
Mother_Birth_ State	CHAR(50)	995 thru 1044	Name of state in which mother/co-parent was born.
Mother_Birth_State_FIPS_Alpha_Code	CHAR(2)	1045 thru 1046	The FIPS alpha code of the state where the mother/co-parent was born.
Mother_Residence_Country	CHAR(30)	1047 thru 1076	The name of the country where the mother/co-parent resided.
Mother_Residence_Country_FIPS_Code	CHAR(2)	1077 thru 1078	The FIPS code of the country where the mother/co-parent resided.
Mother_Residence_State	CHAR(25)	1079 thru 1103	The name of the state where the mother/co-parent resided.
Mother_Residence_State_FIPS_Code	CHAR(2)	1104 thru 1105	The FIPS code of the state where the mother/co-parent resided.
Mother_Residence_County	CHAR(30)	1106 thru 1135	The name of the county where the mother/co-parent resided.
Mother_Residence_County_FIPS_Code	CHAR(3)	1136 thru 1138	The FIPS code of the county where the mother/co-parent resided.
Mother_Residence_City	CHAR(45)	1139 thru 1183	The name of the city where the mother/co-parent resided.
Mother_Residence_City_FIPS_Code	CHAR(5)	1184 thru 1188	The FIPS code of the city where the mother/co-parent resided.
Mother_Residence_Address	CHAR(50)	1189 thru 1238	The residence address of the mother/co-parent.
Mother_Residence_Apartment_Number	CHAR(10)	1239 thru 1248	The residence apartment number of the mother/co-parent.
Mother_Residence_In_City	CHAR(1)	1249 thru 1249	Indicates whether or not the mother/co-parent resided within the city limits. Values are Y, N, U for Yes, No, Unknown, respectively.
Mother_Residence_ZIP	CHAR(9)	1250 thru 1258	ZIP code of mother/co-parent's residence.
Health_Dept_Code	CHAR(3)	1259 thru 1261	Indicates Health Department in which mother/co-parent resided.
HSA_Code	CHAR(2)	1262 thru 1263	Indicates Health Service Area in which mother/co-parent resided. Values range from 00 to 11 with 99 indicating an unspecified place in Illinois.
Mother_DOB	DATE	1264 thru 1271	Date of birth of mother/co-parent. This field is formatted as YYYYMMDD. Value will be 99990101 if unknown.
Mother_Age	CHAR(2)	1272 thru 1273	Calculated age of mother/coparent. Value will be 99 if unknown.
Mother_Married	CHAR(1)	1274 thru 1274	Values: Y, N, and U for Yes, No, and Unknown, respectively.
Mother_In_Civil_Union	CHAR(1)	1275 thru 1275	Values: Y, N, and U for Yes, No, and Unknown, respectively. Blank on Out-of-State Occurrences
Husband_Denies_Paternity	CHAR(1)	1276 thru 1276	Values: Y = Yes and N = No Blank on Out-of-State Occurrences
Paternity_Denial_Completed	CHAR(1)	1277 thru 1277	Values: Y = Yes, N = No, Blank = Not Applicable All Out-of-State Occurrences are Blank
VAP_Completed	CHAR(1)	1278 thru 1278	Values: Y = Yes, N = No, X = Not Applicable Blank on Out-of-State Occurrences
VAP_Date	DATE	1279 thru 1286	Indicates the date the VAP was completed. This field is formatted as YYYYMMDD.
Mother_SSN	CHAR(9)	1287 thru 1295	Mother/co-parent social security number
Father_SSN	CHAR(9)	1296 thru 1304	Father/co-parent social security number
Father_Name_Last	CHAR(50)	1305 thru 1354	Last name of child's father/co-parent.
Father_Name_First	CHAR(50)	1355 thru 1404	First name of child's father/co-parent.
Father_Name_Middle	CHAR(50)	1405 thru 1454	Middle name of child's father/co-parent.
Father_Name_Suffix	CHAR(10)	1455 thru 1465	Suffix of child's father/co-parent.
Father_Maiden_Name_Last	CHAR(50)	1466 thru 1515	Maiden last name of father/co-parent
Father_Mainden_Name_First	CHAR(50)	1516 thru 1565	Maiden first name of father/co-parent
Father_Maiden_Name_Middle	CHAR(50)	1566 thru 1615	Maiden middle name of father/coparent
Father_Maiden_Name_Suffix	CHAR(10)	1616 thru 1625	Maiden suffix of father/co-parent
Father_DOB	DATE	1626 thru 1633	Date of birth of father/co-parent. This field will be formatted as YYYYMMDD. Value will be 99990101 if unknown.
Father_Age	CHAR(2)	1634 thru 1635	Calculated age of father/coparent. Value will be 99 if unknown.
Father_Birth_Country	CHAR(50)	1636 thru 1685	Name of country in which father/co-parent was born.
Father_Birth_Country_FIPS_Code	CHAR(2)	1686 thru 1687	The FIPS code of the country where the father/co-parent was born.
Father_Birth_ State	CHAR(50)	1688 thru 1737	Name of state in which father/co-parent was born.
Father_Birth_State_FIPS_Alpha_Code	CHAR(2)	1738 thru 1739	The FIPS alpha code of the state where the father/co-parent was born.
Filler	CHAR(50)	1740 thru 1789	
Mother_Education_Literal	CHAR(40)	1790 thru 1829	Education level of mother/co-parent Values: 8th Grade or Less 9th Thru 12th Grade, No Diploma High School Graduate or GED College, but No Degree Associate Degree, AA, AS Bachelors degree, BA, AB, BS Masters Degree, MA, MS Doctorate Degree, PHD, EDD Unknown

2010-Present Birth Master File Layout			
Birth Extract Field Name	**Birth Extract Column Datatypes**	**Birth Extract Column Positions**	**Definitions/Values**
Mother_Education_Code	CHAR(1)	1830 thru 1830	Beginning with 2010 births, codes for education level of the mother/co-parent. Values: 1=8th Grade or Less 2=9th Thru 12th Grade, No Diploma 3=High School Graduate or GED 4=College, but No Degree 5=Associate Degree, AA, AS 6=Bachelors degree, BA, AB, BS 7=Masters Degree, MA, MS 8=Doctorate Degree, PHD, EDD 9=Unknown
Mother_Ethnic_YesNo	CHAR(1)	1831 thru 1831	Hispanic ethnicity of mother/co-parent. Values are Y, N, U for Yes, No, Unknown, respectively.
Mother_Ethnic_Mexican	CHAR(1)	1832 thru 1832	Mexican ethnicity of mother/co-parent. Values are Y, N, U for Yes, No, Unknown, respectively.
Mother_Ethnic_Cuban	CHAR(1)	1833 thru 1833	Cuban ethnicity of mother/co-parent. Values are Y, N, U for Yes, No, Unknown, respectively.
Mother_Ethnic_PR	CHAR(1)	1834 thru 1834	Puerto Rican ethnicity of mother/co-parent. Values are Y, N, U for Yes, No, Unknown, respectively.
Mother_Ethnic_Other	CHAR(1)	1835 thru 1835	Other Hispanic ethnicity of mother/co-parent besides Mexican, Cuban, or Puerto Rican. Values are Y, N, U for Yes, No, Unknown, respectively.
Mother_Ethnic_Other_Literal	CHAR(50)	1836 thru 1885	Name of other Hispanic ethnicity when Ethnic_Other field is equal to Y.
Mother_Race_White	CHAR(1)	1886 thru 1886	If mother/co-parent's race is White, this field is Y for Yes; otherwise it is N for No.
Mother_Race_Black	CHAR(1)	1887 thru 1887	If mother/co-parent's race is Black, this field is Y for Yes; otherwise it is N for No.
Mother_Race_Asian_Indian	CHAR(1)	1888 thru 1888	If mother/co-parent's race is Asian, this field is Y for Yes; otherwise it is N for No.
Mother_Race_Chinese	CHAR(1)	1889 thru 1889	If mother/co-parent's race is Chinese, this field is Y for Yes; otherwise it is N for No.
Mother_Race_Filipino	CHAR(1)	1890 thru 1890	If mother/co-parent's race is Filipino, this field is Y for Yes; otherwise it is N for No.
Mother_Race_Vietnamese	CHAR(1)	1891 thru 1891	If mother/co-parent's race is Vietnamese, this field is Y for Yes; otherwise it is N for No.
Mother_Race_Japanese	CHAR(1)	1892 thru 1892	If mother/co-parent's race is Japanese, this field is Y for Yes; otherwise it is N for No.
Mother_Race_Korean	CHAR(1)	1893 thru 1893	If mother/co-parent's race is Korean, this field is Y for Yes; otherwise it is N for No.
Mother_Race_Hawaiian	CHAR(1)	1894 thru 1894	If mother/co-parent's race is Hawaiian, this field is Y for Yes; otherwise it is N for No.
Mother_Race_Samoan	CHAR(1)	1895 thru 1895	If mother/co-parent's race is Samoan, this field is Y for Yes; otherwise it is N for No.
Mother_Race_Guam	CHAR(1)	1896 thru 1896	If mother/co-parent's race is Guam, this field is Y for Yes; otherwise it is N for No.
Mother_Race_Am_Indian	CHAR(1)	1897 thru 1897	If mother/co-parent's race is American Indian, this field is Y for Yes; otherwise it is N for No.
Mother_Race_AM_Ind_Literal	CHAR(50)	1898 thru 1947	Name of American Indian race/tribe
Mother_Race_Other_Asian	CHAR(1)	1948 thru 1948	If mother/co-parent's race is another Asian, this field is Y for Yes; otherwise it is N for No.
Mother_Race_Other_Asian_Literal	CHAR(50)	1949 thru 1998	Name of other Asian race.
Mother_Race_Other_Pacific_Islander	CHAR(1)	1999 thru 1999	If mother/co-parent's race is another Pacific Islander, this field is Y for Yes; otherwise it is N for No.
Mother_Race_Other_Pacific_Islander_Liter	CHAR(50)	2000 thru 2049	Name of other Pacific Islander race.
Mother_Race_Other	CHAR(1)	2050 thru 2050	If mother/co-parent's race is other than those listed, this field is Y for Yes; otherwise it is N for No.
Mother_Race_Other_Literal	CHAR(50)	2051 thru 2100	Name of other race
Mother_Race_Unknown	CHAR(1)	2101 thru 2101	If mother/co-parent's race is unknown, this field is Y for Yes; otherwise it is N for No.
Father_Education_Literal	CHAR(40)	2102 thru 2141	See Above Education level values
Father_Education_Code	CHAR(1)	2142 thru 2142	See Above Education Codes
Father_Ethnic_YesNo	CHAR(1)	2143 thru 2143	Hispanic ethnicity of father/co-parent. Values are Y, N, U for Yes, No, Unknown, respectively.
Father_Ethnic_Mexican	CHAR(1)	2144 thru 2144	Mexican ethnicity of father/co-parent. Values are Y, N, U for Yes, No, Unknown, respectively.
Father_Ethnic_Cuban	CHAR(1)	2145 thru 2145	Cuban ethnicity of father/co-parent. Values are Y, N, U for Yes, No, Unknown, respectively.
Father_Ethnic_PR	CHAR(1)	2146 thru 2146	Puerto Rican ethnicity of father/co-parent. Values are Y, N, U for Yes, No, Unknown, respectively.
Father_Ethnic_Other	CHAR(1)	2147 thru 2147	Other Hispanic ethnicity of father/co-parent besides Mexican, Cuban, or Puerto Rican. Values are Y, N, U for Yes, No, Unknown, respectively.
Father_Ethnic_Other_Literal	CHAR(50)	2148 thru 2197	Name of other Hispanic ethnicity when Ethnic_Other field is equal to Y.
Father_Race_White	CHAR(1)	2198 thru 2198	If father/co-parent's race is White, this field is Y for Yes; otherwise it is N for No.
Father_Race_Black	CHAR(1)	2199 thru 2199	If father/co-parent's race is Black, this field is Y for Yes; otherwise it is N for No.
Father_Race_Asian_Indian	CHAR(1)	2200 thru 2200	If father/co-parent's race is Asian, this field is Y for Yes; otherwise it is N for No.
Father_Race_Chinese	CHAR(1)	2201 thru 2201	If father/co-parent's race is Chinese, this field is Y for Yes; otherwise it is N for No.
Father_Race_Filipino	CHAR(1)	2202 thru 2202	If father/co-parent's race is Filipino, this field is Y for Yes; otherwise it is N for No.
Father_Race_Vietnamese	CHAR(1)	2203 thru 2203	If father/co-parent's race is Vietnamese, this field is Y for Yes; otherwise it is N for No.
Father_Race_Japanese	CHAR(1)	2204 thru 2204	If father/co-parent's race is Japanese, this field is Y for Yes; otherwise it is N for No.
Father_Race_Korean	CHAR(1)	2205 thru 2205	If father/co-parent's race is Korean, this field is Y for Yes; otherwise it is N for No.
Father_Race_Hawaiian	CHAR(1)	2206 thru 2206	If father/co-parent's race is Hawaiian, this field is Y for Yes; otherwise it is N for No.
Father_Race_Samoan	CHAR(1)	2207 thru 2207	If father/co-parent's race is Samoan, this field is Y for Yes; otherwise it is N for No.
Father_Race_Guam	CHAR(1)	2208 thru 2208	If father/co-parent's race is Guam, this field is Y for Yes; otherwise it is N for No.
Father_Race_Am_Indian	CHAR(1)	2209 thru 2209	If father/co-parent's race is American Indian, this field is Y for Yes; otherwise it is N for No.
Father_Race_AM_Ind_Literal	CHAR(50)	2210 thru 2259	Name of American Indian race/tribe
Father_Race_Other_Asian	CHAR(1)	2260 thru 2260	If father/co-parent's race is another Asian, this field is Y for Yes; otherwise it is N for No.

2010-Present Birth Master File Layout			
Birth Extract Field Name	**Birth Extract Column Datatypes**	**Birth Extract Column Positions**	**Definitions/Values**
Father_Race_Other_Asian_Literal	CHAR(50)	2261 thru 2310	Name of other Asian race.
Father_Race_Other_Pacific_Islander	CHAR(1)	2311 thru 2311	If father/co-parent's race is another Pacific Islander, this field is Y for Yes; otherwise it is N for No.
Father_Race_Other_Pacific_Islander_Litera	CHAR(50)	2312 thru 2361	Name of other Pacific Islander race.
Father_Race_Other	CHAR(1)	2362 thru 2362	If father/co-parent's race is other than those listed, this field is Y for Yes; otherwise it is N for No.
Father_Race_Other_Literal	CHAR(50)	2363 thru 2412	Name of other race
Father_Race_Unknown	CHAR(1)	2413 thru 2413	If father/co-parent's race is unknown, this field is Y for Yes; otherwise it is N for No.
Filler	CHAR(50)	2414 thru 2463	
Attendant_Title	CHAR(35)	2464 thru 2498	Title of attendant. Values: Certified Nurse Midwife DO Hospital Administrator MD Other Other Midwife Unknown
Attendant_NCHS_Code	CHAR(1)	2499 thru 2499	Attendant Title Code. Values: 3= Certified Nurse Midwife 2 = DO 5 = Hospital Administrator 1 = MD 5 = Other 4 = Other Midwife 9 = Unknown
Mother_Transferred	CHAR(1)	2500 thru 2500	Was mother transferred to another facility? Values are Y, N, U for Yes, No, Unknown, respectively.
Mother_Transferred_From	CHAR(50)	2501 thru 2550	Name of facility from which mother was transferred.
Mother_Transferred_Facility_ID	CHAR(8)	2551 thru 2558	ID number of facility where the Mother was transferred. This will only be present for Illinois facilities.
Prenatal_Care	CHAR(1)	2559 thru 2559	Did mother receive prenatal care? Values are Y, N, U for Yes, No, Unknown, respectively.
Prenatal_Care_Date_Begin	DATE	2560 thru 2567	Date prenatal care began. This field will be formatted as YYYYMMDD. Values: Valid dates 88880101 = mother received no prenatal care 99990101 = Unknown.
Prenatal_Care_Date_End	DATE	2568 thru 2575	Date prenatal care ended. This field will be formatted as YYYYMMDD. Values: 88880101 = Mother received no prenatal care 99990101 = Unknown.
Prenatal_Visits_Total	CHAR(2)	2576 thru 2577	Total number of prenatal visits. Values: 00-98 = Number of visits 99 = Unknown
Mother_Height_In_Feet	CHAR(1)	2578 thru 2578	Mother's height in feet. Values: 3-7 = Range of acceptable numbers for feet 9 = Unknown
Mother_Height_In_Inches	CHAR(2)	2579 thru 2580	Mother's height in inches. Values: 00-11 = Range of acceptable number for inches 99 = Unknown
Mother_Pre_Pregnancy_Weight	CHAR(3)	2581 thru 2583	Mother's pre-pregnancy weight. Values: 050-400 = Range of acceptable numbers for weight 999 = Unknown
Mother_Weight_At_Delivery	CHAR(3)	2584 thru 2586	Mother's pre-pregnancy weight. Values: 050-450 = Range of acceptable numbers for weight 999 = Unknown
Mother_Weight_Gain_Loss	CHAR(4)	2587 thru 2590	Mother's weight gain or loss. If unknown, value is 999. Weight loss will have a minus sign in front of it. For example, -100, -50.
Mother_WIC_YesNo	CHAR(1)	2591 thru 2591	Does the mother receive WIC? Values are Y, N, U for Yes, No, and Unknown, respectively.
Live_Births_Living	CHAR(2)	2592 thru 2593	The number of birth now living that do not include the child the mother just had. Values: 00-29 = Range of acceptable numbers for children now living 99 = Unknown
Live_Births_Deceased	CHAR(2)	2594 thru 2595	The number of births now deceased that do not include the child the mother just had. Values: 00-29 = Range of acceptable numbers for children now deceased 99 = Unknown
Live_Births_Date	CHAR(6)	2596 thru 2601	Date of last live birth not including the child the mother just had. Values: MMYYYY = Valid month and year 888888 = Date not defined because Live_Births_Living and Live_Births_Deceased are both equal to 0. 999999 = Unknown.

2010-Present Birth Master File Layout			
Birth Extract Field Name	**Birth Extract Column Datatypes**	**Birth Extract Column Positions**	**Definitions/Values**
Mother_Pregnancy_Outcome	CHAR(2)	2602 thru 2603	The number of other pregnancy outcomes that includes fetal losses of any gestational age that do not include the child the mother just had. Values: 00-29 = Range of acceptable numbers for other pregnancy outcomes 99 = Unknown
Mother_Pregnancy_Outcome_Date	CHAR(6)	2604 thru 2609	Date of last pregnancy outcome not including the child the mother just had. Values MMYYYY = Valid month and year 888888 = Date not defined because Mother_Pregnancy_Outcome equal to 0. 999999 = Unknown.
Total_Born	CHAR(2)	2610 thru 2611	This is the total of the live births now living field, the live births now dead field, the other terminations field, plus 1 (current birth). 99 = Unknown
Mother_Smoke	CHAR(1)	2612 thru 2612	Did mother smoke during last 12 months? Values are Y, N, U for Yes, No, and Unknown, respectively.
Mthr_Total_Cigs_Before_Pregnancy	CHAR(2)	2613 thru 2614	Number of cigarettes mother smoked per day three months prior to pregnancy. Values: 00 = System default value if mother did not smoke 01-97 = Range of acceptable numbers if mother did smoke 98 = 98 and greater 99 = System default value if it is unknown whether or not mother smoked
Mthr_Total_Cigs_First_Trimester	CHAR(2)	2615 thru 2616	Number of cigarettes mother smoked per day during first trimester. Values: 00 = System default value if mother did not smoke 01-97 = Range of acceptable numbers if mother did smoke 98 = 98 and greater 99 = System default value if it is unknown whether or not mother smoked
Mthr_Total_Cigs_Second_Trimester	CHAR(2)	2617 thru 2618	Number of cigarettes mother smoked per day during second trimester. Values: 00 = System default value if mother did not smoke 01-97 = Range of acceptable numbers if mother did smoke 98 = 98 and greater 99 = System default value if it is unknown whether or not mother smoked
Mthr_Total_Cigs_Third_Trimester	CHAR(2)	2619 thru 2620	Number of cigarettes mother smoked per day during third trimester. Values: 00 = System default value if mother did not smoke 01-97 = Range of acceptable numbers if mother did smoke 98 = 98 and greater 99 = System default value if it is unknown whether or not mother smoked
Principal_Source_Of_Payment	CHAR(35)	2621 thru 2655	Principal Source of Payment. Values: Medicaid Other Private Insurance Self-Pay Unknown
Principal_Source_Of_Payment_Code	CHAR(1)	2656 thru 2656	Princepal Source of Payment Codes. Values: 1 = Medicaid 2 = Private Insurance 3 = Self-Pay 8 = Other 9 = Unknown
Mother_Last_Menses_Date	DATE	2657 thru 2664	Date last menses began. This field will be formatted as YYYYMMDD. Values Valid dates 99990101 = Unknown.
Mother_Medical_Record_Number	CHAR(20)	2665 thru 2684	The hospital medical record number of the mother. Could be Blank.
Alcohol_During_Pregnancy	CHAR(1)	2685 thru 2685	Did the Mother drink alcohol during pregnancy? This is an Illinois specific question. Values: Y = Yes N = No U = Unknown O = Omitted (Out-of-State events only starting with 2012 events)
Alcohol_Avg_Drinks_Per_Week	CHAR(2)	2686 thru 2687	Values: 00 = Zero drinks a week average 01-98 = Acceptable range for average drinks per week 99 = Unknown Blank = Out-of-State events only, starting with 2012 events
RF_Diabetes_Prior_To_Pregnancy	CHAR(1)	2688 thru 2688	Diabetes diagnosed prior to pregnancy. Values are Y, N, U for Yes, No, Unknown, respectively.
RF_Diabetes_During_Pregnancy	CHAR(1)	2689 thru 2689	Diabetes diagnosed during pregnancy. Values are Y, N, U for Yes, No, Unknown, respectively.
RF_Hypertension_Prior_To_Pregnancy	CHAR(1)	2690 thru 2690	Hypertension diagnosed prior to pregnancy. Values are Y, N, U for Yes, No, Unknown, respectively.

2010-Present Birth Master File Layout			
Birth Extract Field Name	**Birth Extract Column Datatypes**	**Birth Extract Column Positions**	**Definitions/Values**
RF_Hypertension_During_Pregnancy	CHAR(1)	2691 thru 2691	Hypertension (PIH and Preeclampsia) diagnosed during pregnancy. Values are Y, N, U for Yes, No, Unknown, respectively.
RF_Hypertension_Eclampsia	CHAR(1)	2692 thru 2692	Final or severe phase of Preeclampsia, clinically manifested by maternal hypertension. Values: Y = Yes N = No U = Unknown O = Omitted (Out-of-State events only)
RF_Previous_Preterm_Delivery	CHAR(1)	2693 thru 2693	History of pregnancy(ies) terminating in a live birth of less than 37 completed weeks of gestation. Values are Y, N, U for Yes, No, Unknown, respectively.
RF_Previous_Poor_Outcome	CHAR(1)	2694 thru 2694	Includes perinatal death, small for gestational age, intrauterine growth restricted birth, history of pregnancies continuing into 20th week of gestation and resulting in any of listed outcomes. Perinatal death includes fetal and neonatal. Values are Y, N, U for Yes, No, Unknown, respectively.
RF_Pregnant_From_Infertility_Treatment	CHAR(1)	2695 thru 2695	Pregnancy resulted from infertility treatment. Values are Y, N, U for Yes, No, Unknown, respectively.
RF_Fertility_Drugs_Insemination	CHAR(1)	2696 thru 2696	Pregnancy resulted from fertility enhancing drugs, artificial insemination, or intrauterine insemination. Values are Y, N, U for Yes, No, Unknown, respectively.
RF_Assisted_Reproductive_Technology	CHAR(1)	2697 thru 2697	Pregnancy resulted from assisted reproductive technology. Values are Y, N, U for Yes, No, Unknown, respectively.
RF_Previous_Cesarean	CHAR(1)	2698 thru 2698	Previous delivery(ies) by cesarean. Values are Y, N, U for Yes, No, Unknown, respectively.
RF_Previous_Number_Of_Cesareans	CHAR(2)	2699 thru 2700	Number of previous delivery(ies) by cesarean. Unknown = 99.
RF_No_Risk_Factors	CHAR(1)	2701thru 2701	Risk Factors for the mother. Values: Space/Null = There are Risk Factors for the mother. At least one risk factor data field will be "Y" for Yes and those not equal to "Y" will be "N" for No. Y = No Risk Factors for the mother. All data fields for Risk Factors are set to "N" for No. U = Unknown Risk Factors for the mother. All data fields for Risk Factors are set to "U" for Unknown.
Filler	CHAR(10)	2702 thru 2711	
Inf_Gonorrhea	CHAR(1)	2712 thru 2712	Gonorrhea present at time of pregnancy or confirmed during pregnancy. Values are Y, N, U for Yes, No, Unknown, respectively.
Inf_Syphilis	CHAR(1)	2713 thru 2713	Syphilis present at time of pregnancy or confirmed during pregnancy. Values are Y, N, U for Yes, No, Unknown, respectively.
Inf_Chlamydia	CHAR(1)	2714 thru 2714	Chlamydia present at time of pregnancy or confirmed during pregnancy. Values are Y, N, U for Yes, No, Unknown, respectively.
Inf_Hepatitis_B	CHAR(1)	2715 thru 2715	Hepatitis B present at time of pregnancy or confirmed during pregnancy. Values are Y, N, U for Yes, No, Unknown, respectively.
Inf_Hepatitis_C	CHAR(1)	2716 thru 2716	Hepatitis C present at time of pregnancy or confirmed during pregnancy. Values are Y, N, U for Yes, No, Unknown, respectively.
Inf_No_Infections	CHAR(1)	2717 thru 2717	Infections in the mother. Values: Space/Null = There are Infections in the mother. At least one infection data field will be "Y" for Yes and those not equal to "Y" will be "N" for No. Y = No Infections for the mother. All data fields for Infections are set to "N" for No. U = Unknown Infections for the mother. All data fields for Infections are set to "U" for Unknown.
OP_Cerclage	CHAR(1)	2718 thru 2718	Cervical cerclage: Circumferential banding or suture of the cervix to prevent or treat passive dilation. Includes MacDonald's suture, Shirodkar procedure, abdominal cerclage via laparotomy. Values are Y, N, U for Yes, No, Unknown, respectively.
OP_Tocolysis	CHAR(1)	2719 thru 2719	Tocolysis: Administration of any agent with the intent to inhibit pre-term uterine contractions to extend the length of the pregnancy. Values are Y, N, U for Yes, No, Unknown, respectively.
OP_Cephalic_Success	CHAR(1)	2720 thru 2720	Procedure successfully converted fetus to vertex presentation. Values are Y, N, U for Yes, No, Unknown, respectively.
OP_Cephalic_Failed	CHAR(1)	2721 thru 2721	Procedure failed to convert fetus to vertex presentation. Values are Y, N, U for Yes, No, Unknown, respectively.
OP_No_Obstetric_Procedures	CHAR(1)	2722 thru 2722	Obstetric Procedures performed on the mother. Values: Space/Null = There are Obstetric Procedures performed on the mother. At least one obstetric procedure data field will be "Y" for Yes and those not equal to "Y" will be "N" for No. Y = No Obstetric Procedures performed on the mother. All data fields for Obstetric Procedures are set to "N" for No. U = Unknown Obstetric Procedures performed on the mother. All data fields for Obstetric Procedures are set to "U" for Unknown.
OL_Premature_Rupture_Of_Membranes	CHAR(1)	2723 thru 2723	Spontaneous tearing of the amniotic sac, twelve hours or more before labor begins. Values are Y, N, U for Yes, No, Unknown, respectively.

2010-Present Birth Master File Layout			
Birth Extract Field Name	**Birth Extract Column Datatypes**	**Birth Extract Column Positions**	**Definitions/Values**
OL_Precipitous_Labor	CHAR(1)	2724 thru 2724	Labor that progresses rapidly and lasts for less than three hours. Values are Y, N, U for Yes, No, Unknown, respectively.
OL_Prolonged_Labor	CHAR(1)	2725 thru 2725	Labor that progresses slowly and lasts for 20 hours or more. Values are Y, N, U for Yes, No, Unknown, respectively.
OL_No_Onset_Labor_Issues	CHAR(1)	2726 thru 2726	Onset Labor issues in the mother. Values: Space/Null = There are Onset Labor issues in the mother. At least one Onset Labor field will be "Y" for Yes and those not equal to "Y" will be "N" for No. Y = No Onset Labor issues for the mother. All data fields for Onset Labor issues are set to "N" for No. U = Unknown Onset Labor issues for the mother. All data fields for Onset Labor issues are set to "U" for Unknown.
CLD_Induction_Of_Labor	CHAR(1)	2727 thru 2727	Induction of labor by medical and/or surgical means for the purpose of delivery before the spontaneous onset of labor. Values are Y, N, U for Yes, No, Unknown, respectively.
CLD_Augmentation_Of_Labor	CHAR(1)	2728 thru 2728	Augmentation of labor by stimulation of uterine contractions by drug or manipulative techn ique with the intent to reduce the time to delivery. Values are Y, N, U for Yes, No, Unknown, respectively.
CLD_Non_Vertex_Presentation	CHAR(1)	2729 thru 2729	Includes any non-vertex fetal presentation, such as breech, shoulder, brow, in the active phase of labor or at delivery. Values: Y = Yes N = No U = Unknown O = Omitted (Out-of-State events only)
CLD_Steroids_For_Fetus_Lungs	CHAR(1)	2730 thru 2730	Steroids for fetal lung maturation received by mother prior to delivery. Excludes steroids given to mother as anti-inflammatory. Values are Y, N, U for Yes, No, Unknown, respectively.
CLD_Antibiotic	CHAR(1)	2731 thru 2731	Antibiotics received by the mother between the onset of labor and the actual delivery. Values are Y, N, U for Yes, No, Unknown, respectively.
CLD_Chorioamnionitis	CHAR(1)	2732 thru 2732	Clinical diagnosis of chorioamnionitis during labor by delivery attendant. Values are Y, N, U for Yes, No, Unknown, respectively.
CLD_Meconium	CHAR(1)	2733 thru 2733	Moderate to heavy meconium staining of the amniotic fluid caused by passage of fetal bowel contents during labor and/or delivery. Values are Y, N, U for Yes, No, Unknown, respectively.
CLD_Fetal_Intolerance_Of_Labor	CHAR(1)	2734 thru 2734	Fetal intolerance of labor such that one or more of the following actions was taken: in-utero resuscitation measures, further fetal assessment, or operative delivery. Values are Y, N, U for Yes, No, Unknown, respectively.
CLD_Epidural	CHAR(1)	2735 thru 2735	Spinal anesthesia administered to mother during labor for control of pain of labor. Values are Y, N, U for Yes, No, Unknown, respectively.
CLD_No_Labor_Delivery_Characteristics	CHAR(1)	2736 thru 2736	Characteristics of Labor and Delivery. Values: Space/Null = There are Characteristics of Labor and Delivery. At least one Characteristics of Labor and Delivery field will be "Y" for Yes and those not equal to "Y" will be "N" for No. Y = No Characteristics of Labor and Delivery. All data fields for Characteristics of Labor and Delivery are set to "N" for No. U = Unknown Characteristics of Labor and Delivery for the mother. All data fields for Characteristics of Labor and Delivery are set to "U" for Unknown.
MD_Forceps_Unsuccessful	CHAR(1)	2737 thru 2737	Were forceps attempted but unsuccessful? Values are Y, N, U for Yes, No, and Unknown, respectively.
MD_Vacuum_Unsuccessful	CHAR(1)	2738 thru 2738	Was vacuum attempted but unsuccessful? Values are Y, N, U, for Yes, No, Unknown, respectively.
MD_Fetal_Presentation_At_Birth	CHAR(20)	2739 thru 2758	Fetal presentation at birth. Values: Breech Cephalic Other Unknown
MD_Fetal_Presentation_At_Birth_Code	CHAR(1)	2759 thru 2759	Codes for fetal presentation at birth. Values: 1 = Cephalic 2 = Breech 3 = Other 9 = Unknown
MD_Final_Route_And_Delivery_Method	CHAR(20)	2760 thru 2779	Values: Vaginal/Spontaneous Vaginal/Forceps Vaginal/Vacuum Cesarean Unknown

2010-Present Birth Master File Layout			
Birth Extract Field Name	**Birth Extract Column Datatypes**	**Birth Extract Column Positions**	**Definitions/Values**
MD_Final_Route_And_Delivery_Method_Code	CHAR(1)	2780 thru 2780	Values: 1 = Vaginal/Spontaneous 2 = Vaginal/Forceps 3 = Vaginal/Vacuum 4 = Cesarean 9 = Unknown
MD_Trial_Of_Labor_Attempted	CHAR(1)	2781 thru 2781	Trial of labor attempted before Cesarean? Values are Y, N, U, X for Yes, No, Unknown, Not Applicable, respectively.
MM_Maternal_Transfusion	CHAR(1)	2782 thru 2782	Maternal transfusion: Includes infusion of whole bloodor packed red blood cells within the period specified. Values are Y, N, U for Yes, No, Unknown, respectively.
MM_Perineal_Laceration	CHAR(1)	2783 thru 2783	Third or fourth degree perineal laceration: third degree laceration extends completely through the perineal skin, vaginal mucosa, perineal body, and anal sphincter. Fourth degree laceration is all of the above with extension through the rectal mucosa. Values are Y, N, U for Yes, No, Unknown, respectively.
MM_Ruptured_Uterus	CHAR(1)	2784 thru 2784	Ruptured Uterus: Tearing of the uterine wall. Values are Y, N, U for Yes, No, Unknown, respectively.
MM_Hysterectomy	CHAR(1)	2785 thru 2785	Unplaned hysterectomy: Surgical removal of the uterus that was not planned prior to admission for delivery. Includes an anticipated or possible but definitely not a planned procedures. Values are Y, N, U for Yes, No, Unknown, respectively.
MM_Admitted_To_ICU	CHAR(1)	2786 thru 2786	Any admission, planned or unplanned, of the mother to a unit or facility providing intensive care. Values are Y, N, U for Yes, No, Unknown, respectively.
MM_Unplanned_OR_Procedure	CHAR(1)	2787 thru 2787	Any unplanned operating room procedure following delivery excluding postpartum tubal ligations. Values are Y, N, U for Yes, No, Unknown, respectively.
MM_No_Maternal_Morbidity	CHAR(1)	2788 thru 2788	Maternal Morbidity issues in the mother. Values: Space/Null = There are Maternal Morbidity issues in the mother. At least one Maternal Morbidity field will be "Y" for Yes and those not equal to "Y" will be "N" for No. Y = No Maternal Morbidity issues for the mother. All data fields for Maternal Morbidity issues are set to "N" for No. U = Unknown Maternal Morbidity issues for the mother. All data fields for Maternal Morbidity issues are set to "U" for Unknown.
Filler	CHAR(49)	2789 thru 2837	
Child_Medical_Record_Number	CHAR(20)	2838 thru 2857	The hospital medical record number of the child. Could be Blank.
Birth_Weight_Units	CHAR(1)	2858 thru 2858	Unit of birth weight indicating whether grams or pounds and ounces have been entered. Values: 1 = Grams 2 = Pounds and ounces 9 = Unknown Even though the weight unit may indicate 2 for pounds and ounces, the number of grams also is calculated and stored in the record based on the number of pounds and ounces entered. Conversely, even though the weight unit may indicate 1 for grams, the number of pounds and ounces is calculated and stored in the record based on the number of grams entered.
Birth_Weight_Grams	CHAR(4)	2859 thru 2862	Birth weight of child in grams. Values: 0227 - 8165 = accepted weight range Values less than 0227 and greater than 8165 = weights that have been queried or verified beginning in 2010 and forward. 9999 = Unknown
Birth_Weight_Pounds	CHAR(2)	2863 thru 2864	Birth weight pounds. Values: 00 - 18 = accepted weight range Weights outside accepted ranges have been queried or verified beginning in 2010 and forward. 99 = Unknown
Birth_Weight_Ounces	CHAR(2)	2865 thru 2866	Birth weight ounces. Values: 00 - 15 = valid range 99 = Unknown

2010-Present Birth Master File Layout			
Birth Extract Field Name	**Birth Extract Column Datatypes**	**Birth Extract Column Positions**	**Definitions/Values**
Birth_Weight_Group	CHAR(1)	2867 thru 2867	Values: A = 0001 - 0499 grams, 1oz - 1 lb 01 oz B = 0500 - 0999 grams, 1 lb 02 oz - 2 lb 03 oz C = 1000 - 1249 grams, 2 lb 4 oz - 2 lb 12 oz D = 1250 - 1499 grams, 2 lb 13 oz - 03 lb 4 oz E = 1500 - 1749 grams, 3 lb 5 oz - 3 lb 13 oz F = 1750 - 1999 grams, 3 lb 14 oz - 4 lb 06 oz G = 2000 - 2249 grams, 4 lb 7 oz - 4 lb 15 oz H = 2250 - 2499 grams, 5 lb - 5 lb 8 oz I = 2500 - 2749 grams, 5 lb 9 oz - 6 lb J = 2750 - 2999 grams, 6 lb 01 oz - 6 lb 9 oz K = 3000 - 3499 grams, 6 lb 10 oz - 7 lb 11 oz L = 3500 - 3999 grams, 7 lb 12 oz - 8 lb 13 oz M = 4000 - 4499 grams, 8 lb 14 oz - 9 lb 14 oz N = 4500 - 4999 grams, 9 lb 15 oz - 11 lb O = 5000 - 9080 grams, 11 lb 1 oz - 20 lb 15 oz P = Unknown grams, unknown pounds and ounces
Gestation_Weeks	CHAR(2)	2868 thru 2869	Obstetric estimate of gestation weeks. Values: 17 - 47= Accepted range of weeks Other values less than 17 or greater than 47 = Weeks that have been queried or verified. 99 = Unknown
Gestation_Days	CHAR(2)	2870 thru 2871	Values: 00 - 06 = valid range 99 = Unknown
Apgar_Score_At_Five_Minutes_2010_Revised	CHAR(2)	2872 thru 2873	The Apgar score is determined at 5 minutes after delivery for the first evaluation and 10 minutes after delivery for the second evaluation instead of 1 minute and 5 minutes for the first and second evaluations as done in previous years. The Apgar score is determined by evaluating the newborn baby on five simple criteria on a scale from zero to two, then summing up the five values thus obtained. Values: 00 - 10 = Valid range 99 = Unknown or not taken
Apgar_Score_At_Ten_Minutes_2010_Revised	CHAR(2)	2874 thru 2875	The Apgar score is determined at 5 minutes after delivery for the first evaluation and 10 minutes after delivery for the second evaluation instead of 1 minute and 5 minutes for the first and second evaluations as done in previous years. Tthe Apgar score is determined by evaluating the newborn baby on five simple criteria on a scale from zero to two, then summing up the five values thus obtained. Values: 00 - 10 = Valid range 88 = Apgar at 10 minutes will be this value if Apgar at 5 minutes is greater than 05 or is equal to 99. 99 = Unknown or not taken
Plurality	CHAR(2)	2876 thru 2877	Number of babies born during this birth only. Values: 01 - 16 = Valid range 99 = Unknown
Birth_Order	CHAR(2)	2878 thru 2879	Values: 01 - 16 = Valid range 99 = Unknown or Not Applicable
Filler	CHAR(2)	2880 thru 2881	
AC_Assisted_Ventiliation_Required	CHAR(1)	2882 thru 2882	Assisted ventilation required immediately following delivery. Excludes oxygen only and laryngoscopy for aspiration of meconium. Values are Y, N, U for Yes, No, Unknown, respectively.
Filler	CHAR(1)	2783 thru 2883	
AC_Assisted_Ventiliation_6+_Hours	CHAR(1)	2884 thru 2884	Assisted ventilation required for more than six hours. Values are Y, N, U for Yes, No, Unknown, respectively.
AC_Newborn_ICU_Admission	CHAR(1)	2885 thru 2885	Admission into a facility or unit that provides continuous mechanical ventilatory support for the newborn. Values are Y, N, U for Yes, No, Unknown, respectively.
AC_Surfactant_Replacement_Therapy	CHAR(1)	2886 thru 2886	Newborn given surfactant replacement therapy due to preterm birth or pulmonary injury resulting in decreased lung compliance. Values are Y, N, U for Yes, No, Unknown, respectively.
AC_Antibiotic_Sepsis	CHAR(1)	2887 thru 2887	Antibiotics received by the newborn for suspected neonatal sepsis. Values are Y, N, U for Yes, No, Unknown, respectively.
AC_Seizure_Neurologic_Dysfunction	CHAR(1)	2888 thru 2888	Seizure or serious neurologic dysfunction. Values are Y, N, U for Yes, No, Unknown, respectively.

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Birth Extract Field Name	**Birth Extract Column Datatypes**	**Birth Extract Column Positions**	**Definitions/Values**
AC_Birth_Injury	CHAR(1)	2889 thru 2889	Significant birth injury presenting immediately following delivery or manifesting following delivery. Values are Y, N, U for Yes, No, Unknown, respectively.
AC_No_Abnormal_Conditions	CHAR(1)	2890 thru 2890	Abnormal Conditions in the child. Values: Space/Null = There are Abnormal Conditions in the child. At least one Abnormal Condition field will be "Y" for Yes and those not equal to "Y" will be "N" for No. Y = No Abnormal Conditions in the child. All data fields for Abnormal Conditions are set to "N" for No. U = Unknown Abnormal Conditions in the child. All data fields for Abnormal Conditions are set to "U" for Unknown.
CA_Anencephaly	CHAR(1)	2891 thru 2891	Partial or complete absence of brain and skull. Values are Y, N, U for Yes, No, Unknown, respectively.
CA_Spina_Bifida	CHAR(1)	2892 thru 2892	Herniation of meninges or spinal cord tissue through bony defect of spine closure. Values are Y, N, U for Yes, No, Unknown, respectively.
CA_Cyanotic_Congenital_Heart_Disease	CHAR(1)	2893 thru 2893	Congenital heart defects that cause cyanosis. Values are Y, N, U for Yes, No, Unknown, respectively.
CA_Congenital_Diaphragmatic_Hernia	CHAR(1)	2894 thru 2894	Defect in formation of the diaphragm allowing herniation of abdominal organs into thoracic cavity. Values are Y, N, U for Yes, No, Unknown, respectively.
CA_Omphalocele	CHAR(1)	2895 thru 2895	Defect in anterior abdominal wall resulting in newborn's intestine or other abdominal organs, which are covered by a membrane, to stick out of the belly button. Values are Y, N, U for Yes, No, Unknown, respectively.
CA_Gastroschisis	CHAR(1)	2896 thru 2896	Defect in anterior abdominal wall, lateral to umbilicus, resulting in herniation of abdominal contents directly into the amniotic cavity. Differentiated from omphalocele by location of defect and absense of protective membrane. Values are Y, N, U for Yes, No, Unknown, respectively.
CA_Limb_Reduction	CHAR(1)	2897 thru 2897	Complete or partial absence of portion of an extremity secondary to failure to develop. Excludes congenital amputation and dwarfing syndromes. Values are Y, N, U for Yes, No, Unknown, respectively.
CA_Cleft_Lip	CHAR(1)	2898 thru 2898	Cleft lip with or without cleft palate refers to incomplete closure of lip. Values are Y, N, U for Yes, No, Unknown, respectively.
CA_Cleft_Palate	CHAR(1)	2899 thru 2899	Incomplete fusion of palatal shelves. May be limited to soft palate or may also extend into hard palate. Values are Y, N, U for Yes, No, Unknown, respectively.
CA_Downs	CHAR(1)	2900 thru 2900	Suspected downs syndrome. Values are Y, N, U for Yes, No, Unknown, respectively.
CA_Downs_Karyotype_Confirmed	CHAR(1)	2901 thru 2901	Values are Y, N, U for Yes, No, Unknown, respectively.
CA_Downs_Karyotype_Pending	CHAR(1)	2902 thru 2902	Values are Y, N, U for Yes, No, Unknown, respectively.
CA_Suspected_Chromosomal_Disorder	CHAR(1)	2903 thru 2903	Suspected chromosomal disorder: Values are Y, N, U for Yes, No, Unknown, respectively.
CA_Chromosomal_Karyotype_Confirmed	CHAR(1)	2904 thru 2904	Values are Y, N, U for Yes, No, Unknown, respectively.
CA_Chromosomal_Karyotype_Pending	CHAR(1)	2905 thru 2905	Values are Y, N, U for Yes, No, Unknown, respectively.
CA_Hypospadias	CHAR(1)	2906 thru 2906	Incomplete closure of male urethra resulting in urethral meatus opening on ventral surface of penis. Values are Y, N, U for Yes, No, Unknown, respectively.
CA_Other_Anomalie	CHAR(1)	2907 thru 2907	Values: Y = Yes N = No U = Unknown O = Omitted (Out-of-State events only)
CA_Other_Anomalie_Description	CHAR(50)	2908 thru 2957	Description of other anomalie(s).
CA_No_Congenital_Anomalies	CHAR(1)	2958 thru 2958	Congenital Anomalies in the child. Values: Space/Null = There are Congenital Anomalies in the child. At least one Congenital Anomalie field will be "Y" for Yes and those not equal to "Y" will be "N" for No. Y = No Congenital Anomalies in the child. All data fields for Congenital Anomalies are set to "N" for No. U = Unknown Congenital Anomalies in the child. All data fields for Congenital Anomalies are set to "U" for Unknown.
PD_Infant_Transferred	CHAR(1)	2959 thru 2959	Was infant transferred to a different facility within 24 hours of delivery? Values are Y, N, U for Yes, No, Unknown, respectively.
PD_Infant_Transfer_Facility	CHAR(50)	2960 thru 3009	Name of facility to which infant was transferred.
PD_Infant_Transfer_Facility_ID	CHAR(8)	3010 thru 3017	ID number of facility to which infant was transferred. This will only be present for Illinois facilities.
PD_Infant_Breastfed	CHAR(1)	3018 thru 3018	Is the infant being breast fed? Values are Y, N, U for Yes, No, Unknown, respectively.

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Birth Extract Field Name	**Birth Extract Column Datatypes**	**Birth Extract Column Positions**	**Definitions/Values**
PD_Infant_Living_At_Discharge	CHAR(1)	3019 thru 3019	Is the infant living at the time of this report? Values are Y, N, U for Yes, No, Unknown, respectively.
Filler	CHAR(50)	3020 thru 3069	
Geo_Residence_Centroid	CHAR(50)	3070 thru 3119	For mother/co-parent's residence: This field will contain "Y" if Centroid search was used and "N" if it was not used.
Geo_Residence_Status	INT(10)	3120 thru 3129	For mother/co-parent's residence: Return code to indicate general type of success or failure in street level match. Values: 0 = “OK” – Successful address match 1 = “From Intersect” – Successful intersection match to the “from” end node of the primary street segment 2 = “To Intersect” – Successful intersection match to the “to” end node of the primary street segment 3 = “Ambiguous” – Unsuccessful match due to an ambiguous situation, i. e., there were two or more possible matches with the same cost 4 = “Failed” – Unsuccessful match 6 = “No Attempt” – Address geocoding was not attempted 7 = “Anomalous Failure” – API Match call failed without a valid failure status code
Geo_Residence_Xstatus	INT(10)	3130 thru 3139	For mother/co-parent's residence: Two-digit code with further information regarding the success or failure of street level match. Values: 0 = Match to left-side, same parity 1 = Match to left-side, opposite parity 2 = Match to right-side, same parity 3 = Match to right-side, opposite parity 4 = Match from-end, but out-of-range 5 = Match to-end, but out-of-range 6 = Match to segment without address range 7 = Match to point data 8 = Match to intersection at from-end 9 = Match to intersection at to-end 10 = Failure: multiple matches found; ambiguous 11 = Failure: no match found 12 = Failure: PO Box 13 = Failure: RFD 14 = Match to from-end intersection window 15 = Match to to-end intersection windown 16 = Failure: 1st intersection street not found 17 = Failure: 2nd intersection street not found 18 = Failure: intersection; neither street found
Geo_Residence_Context	INT(10)	3140 thru 3149	For mother/co-parent's residence: Two-digit code to indicate where a failure to match at the street level occurred. Values: 0 = “ALL” – Match was successful 1 = “Country” – The input country could not be matched. The current versions of Matchmaker SDK professional do not require the country name in the input address. Therefore this context code is not required 2 = “State” – The input state abbreviation could not be matched 3 = “Locality” – The input city name could not be matched 4 = “SecLoc” – The input neighborhood name could not be matched 5 = “Street” – The input street could not be matched 6 = “Housenum” – The input house number could not be parsed 7 = “Strparse” – The input street address could not be parsed 8 = “Segment” – A matching street was found, but no “best” segment could be identified. May be due to an ambiguous match situation or because the house number is too far out of range 9 = “Intersect” – Input address was recognized as an intersection, but could not be matched 10 = “LocInfo” – Not currently used 11 = “Name” – Not currently used 12 = “Company” – Not currently used 13 = “Nameparse” – Not currently used
Geo_Residence_Rationale	INT(10)	3150 thru 3159	For mother/co-parent's residence: Hex value indicating elements in the address that were corrected or ignored in order to make the match. (Table too large to include.)
Geo_Residence_Dynaid	INT(10)	3160 thru 3169	For mother/co-parent's residence: This field will contain the Dynamap ID of the match segment.
Geo_Residence_Matchside	INT(10)	3170 thru 3179	For mother/co-parent's residence: This field will contain the match segment side. Values: Left Right No

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Birth Extract Field Name	**Birth Extract Column Datatypes**	**Birth Extract Column Positions**	**Definitions/Values**
Geo_Residence_Match_Lat	INT(10)	3180 thur 3189	For mother/co-parent's residence: This field contains the interpolated latitude. (Note: The field must be divided by 10000 to get the actual LAT. For example, if LAT is 418166, the actual LAT is 41.8166.)
Geo_Residence_Match_Lon	INT(10)	3190 thru 3199	For mother/co-parent's residence: This field contains the interpolated longitude. (Note: The field must be divided by 10000 to get the actual LON.)
Geo_Residence_Match_Hnum	CHAR(10)	3200 thru 3209	For mother/co-parent's residence: This field contains the match house number and may contain alpha characters.
Geo_Residence_State_FIPS	INT(10)	3210 thru 3219	For mother/co-parent's residence: This field contains the State FIPS code.
Geo_Residence_County_FIPS	INT(10)	3220 thru 3229	For mother/co-parent's residence: This field contains the County FIPS code.
Geo_Residence_Track_Code	CHAR(10)	3230 thru 3239	For mother/co-parent's residence: This field contains the census tract code.
Geo_Residence_MSA_Code	INT(10)	3240 thru 3249	For mother/co-parent's residence: This field contains the metropolitan statistical area code.
Geo_Residence_Centroid_Status	CHAR(1)	3250 thru 3250	For mother/co-parent's residence: This field contains the Centroid status code if a Centroid search was used. Values: 0 = “MATCHNONE” – No current match 1 = "MATCHFAIL” – Match request failed 2 = “MATCHZIP5” – Matched to 5-digit ZIP centroid 3 = “MATCHZIPPLUS2” – Matched to ZIP+2 centroid 4 = “MATCHZIPPLUS4” – Matched to ZIP+4 centroid
Geo_Place_of_Birth_Centroid	CHAR(50)	3251 thru 3300	For child's place of birth: This field will contain "Y" if Centroid search was used and "N" if it was not used.
Geo_Place_of_Birth_Status	INT(10)	3301 thru 3310	For child's place of birth: Return code to indicate general type of success or failure in street level match. See Above Values.
Geo_Place_of_Birth_Xstatus	INT(10)	3311 thru 3320	For child's place of birth: Two-digit code with further information regarding the success or failure of street level match. See Above Values.
Geo_Place_of_Birth_Context	INT(10)	3321 thru 3330	For child's place of birth: Two-digit code to indicate where a failure to match at the street level occurred. See Above Values.
Geo_Place_of_Birth_Rationale	INT(10)	3331 thru 3340	For child's place of birth: Hex value indicating elements in the address that were corrected or ignored in order to make the match. (Table too large to include.)
Geo_Place_of_Birth_Dynaid	INT(10)	3341 thru 3350	For child's place of birth: This field will contain the Dynamap ID of the match segment.
Geo_Place_of_Birth_Matchside	INT(10)	3351 thru 3360	For child's place of birth: This field will contain the match segment side. Values: Left Right No
Geo_Place_of_Birth_Match_Lat	INT(10)	3361 thru 3370	For child's place of birth: This field contains the interpolated latitude. (Note: The field must be divided by 10000 to get the actual LAT. For example, if LAT is 418166, the actual LAT is 41.8166.)
Geo_Place_of_Birth_Match_Lon	INT(10)	3371 thru 3380	For child's place of birth: This field contains the interpolated longitude. (Note: The field must be divided by 10000 to get the actual LON.)
Geo_Place_of_Birth_Match_Hnum	CHAR(10)	3381 thru 3390	For child's place of birth: This field contains the match house number and may contain alpha characters.
Geo_Place_of_Birth_State_FIPS	INT(10)	3391 thru 3400	For child's place of birth: This field contains the State FIPS code.
Geo_Place_of_Birth_County_FIPS	INT(10)	3401 thru 3410	For child's place of birth: This field contains the County FIPS code.
Geo_Place_of_Birth_Track_Code	CHAR(10)	3411 thru 3420	For child's place of birth: This field contains the census tract code.
Geo_Place_of_Birth_MSA_Code	INT(10)	3421 thru 3430	For child's place of birth: This field contains the metropolitan statistical area code.
Geo_Place_of_Birth_Centroid_Status	CHAR(10)	3431 thru 3440	For child's place of birth: This field contains the Centroid status code if a Centroid search was used. See Above Values.
Registration_Date	DATE	3441 thru 3448	Date the birth was registered with the registrar.
Registrar_Name	CHAR(50)	3449 thru 3498	The name of the Registrar who registered the birth.
Registration_District_Code	CHAR(5)	3499 thru 3503	The code for the registration district to which the Registrar belongs.
MDB_Death_Occurred	CHAR(1)	3504 thru 3504	Is child deceased? Values are Y and N for Yes and No, respectively.
MDB_Date_Of_Death	DATE	3505 thru 3512	Date the birth event was registered. This field is formatted as YYYYMMDD.
MDB_Death_Age	CHAR(3)	3513 thru 3515	Age of child.
MDB_Death_Age_Units	CHAR(10)	3516 thru 3525	Units of age, such as hours, days, months.
MDB_Death_Matched	CHAR(25)	3526 thru 3550	Indication of matching success
MDB_Death_OOS_SFN	CHAR(15)	3551 thru 3565	State file number of out-of-state death record for decedent born in Illinois.
MDB_Death_SFN_Of_IL_Birth	CHAR(15)	3566 thru 3580	State file number of Illinois death record for decedent born in Illinois.
MDB_Death_State	CHAR(25)	3581 thru 3605	State where decedent died.

2010-Present Birth Master File Layout			
Birth Extract Field Name	**Birth Extract Column Datatypes**	**Birth Extract Column Positions**	**Definitions/Values**
Kessner_Index	CHAR(10)	3606 thru 3615	Method of categorizing adequacy of prenatal care, based on month of pregnancy care started, number of visits, and length of gestation. This index adjusts for the fact that women with short gestations have less time in which to make prenatal care visits.
Kotelchuck_Index	CHAR(10)	3616 thru 3625	Method of quantifying the adequacy of prenatal care by classifying prenatal care into four categories: Adequate Plus, Adequate, Intermediate, and Inadequate.
Mrace1E	CHAR(3)	3626 thru 3628	Bridged multiple race Values: 100=White 101-199=Other White Races 200=Black or African American 201-299=Other Black Races 300=American Indian 400=Asian Indian 410=Chinese 420=Filipino 430=Japanese 440=Korean 450=Vietnamese 401-409, 411-419, 421-429, 431-439, 441-449 & 451-499=Other Asian 500=Native Hawaiian 501-510, 512-520, & 523-599=Other Pacific Islander 511=Samoan 521=Guamanian 522=Chamorro 600-997=Other 998=Unknown A01-M43=American Indian Tribes M44-N66=Alaskan Indian Tribes N67-R10=Eskimo Tribes R11-R99=Aleut Tribes
Mrace2E	CHAR(3)	3629 thru 3631	Race - See Above Values
Mrace3E	CHAR(3)	3632 thru 3634	Race - See Above Values
Mrace4E	CHAR(3)	3635 thru 3637	Race - See Above Values
Mrace5E	CHAR(3)	3638 thru 3640	Race - See Above Values
Mrace6E	CHAR(3)	3641 thru 3643	Race - See Above Values
Mrace7E	CHAR(3)	3644 thru 3646	Race - See Above Values
Mrace8E	CHAR(3)	3647 thru 3649	Race - See Above Values
Mrace_16E	CHAR(3)	3650 thru 3652	Race - See Above Values
Mrace_18E	CHAR(3)	3653 thru 3655	Race - See Above Values
Mrace_20E	CHAR(3)	3656 thru 3658	Race - See Above Values
Mrace_22E	CHAR(3)	3659 thru 3661	Race - See Above Values
Mrace_NCHS_Ethnic_Code	CHAR(3)	3662 thru 3664	Ethnicity Values: 100=Not Hispanic 200-209=Spaniard 210=Mexican 211-219=Other Mexican 220=Central and South American 221-229=Central American 231-249=South American 250-259=Latin American 260-269=Puerto Rican 270-274=Cuban 275-279=Dominican 280-299=Other Spanish/Hispanic 996=Uncodable 997=Deferred 998=Unknown
Mrace_NCHS_Ethnic_Literal_Code	CHAR(3)	3665 thru 3667	Ethnicity - See Above Values

2010-Present Birth Master File Layout			
Birth Extract Field Name	**Birth Extract Column Datatypes**	**Birth Extract Column Positions**	**Definitions/Values**
Mrace_Bridged_Multiple_Race_Code	CHAR(2)	3668 thru 3669	Bridged multiple race Values: 01=White 02=Black 03=American Indian or Alaskan Native 04=Asian Indian 05=Chinese 06=Filipino 07=Japanese 08=Korean 09=Vietnamese 10=Other Asian 11=Native Hawaiian 12=Guamanian or Chamorro 13=Samoan 14=Other Pacific Islander 15=Other Bridged Multiple Race specified: 21=White 22=Black 23=American Indian or Alaskan Native 24=Asian or Pacific Islander 99=Unknown
Frace1E	CHAR(3)	3670 thru 3672	Race - See Above Values
Frace2E	CHAR(3)	3673 thru 3675	Race - See Above Values
Frace3E	CHAR(3)	3676 thru 3678	Race - See Above Values
Frace4E	CHAR(3)	3679 thru 3681	Race - See Above Values
Frace5E	CHAR(3)	3682 thru 3684	Race - See Above Values
Frace6E	CHAR(3)	3685 thru 3687	Race - See Above Values
Frace7E	CHAR(3)	3688 thru 3690	Race - See Above Values
Frace8E	CHAR(3)	3691 thru 3693	Race - See Above Values
Frace_16E	CHAR(3)	3694 thru 3696	Race - See Above Values
Frace_18E	CHAR(3)	3697 thru 3699	Race - See Above Values
Frace_20E	CHAR(3)	3700 thru 3702	Race - See Above Values
Frace_22E	CHAR(3)	3703 thru 3705	Race - See Above Values
Frace_NCHS_Ethnic_Code	CHAR(3)	3706 thru 3708	Ethnicity - See Above Values
Frace_NCHS_Ethnic_Literal_Code	CHAR(3)	3709 thru 3711	Ethnicity - See Above Values
Frace_Bridged_Multiple_Race_Code	CHAR(2)	3712 thru 3713	Bridged Race - See Above Values
Filler	CHAR(50)	3715 thru 3763	

Appendix 2: SCCHD Master File Layout for SCC Births

Properties

DateCreated:	12/14/2022 3:43:09 PM	GUID:	{guid {EE6D6B84-FF33-4047-8FD3-435FB50C4339}}
LastUpdated:	12/14/2022 5:03:06 PM	RecordCount:	30201
Updatable:	True		

Columns

Name	Type	Size
Birth_ID	Long Integer	4
Cert_No	Short Text	12
Year	Short Text	4
Child_DOB	Short Text	8
DOB	Date With Time	8
HlthDeptCode	Short Text	4
PlaceOfDelivery	Short Text	1
Prime_Payment_Source	Short Text	35
Payment_Source_Code	Short Text	1
Mother_Residence_City_Twp	Short Text	45
CityCode	Short Text	3
City_Post	Short Text	50
CountyRes	Short Text	3
CntyCityRes	Short Text	6
Zip	Short Text	9
CityType	Short Text	1
Mother_Residence_in_City	Short Text	1
CityLimits	Short Text	1
Township	Long Integer	4
GeoGroup	Short Text	50
Gender	Short Text	1
CDC_Race	Short Text	255
Race	Short Text	50
I_Race	Short Text	1
M_Race	Short Text	3
F_Race	Short Text	3
CDC_Origin	Short Text	50
I_Origin	Short Text	2
M_Origin	Short Text	3
F_Origin	Short Text	3
Married	Short Text	3
M_Age	Long Integer	4
Mother_Educ_Code	Short Text	1
Mother_Educ_Literal	Short Text	40
F_Age	Long Integer	4
Father_Educ_Code	Short Text	1
Father_Educ_Literal	Short Text	40
Prenatal_Care	Short Text	1
Prenatal_Care_Date_Began	Short Text	8
Prenatal_Start_Date	Date With Time	8
Prenatal_Care_Date_End	Short Text	8
Prenatal_End_Date	Date With Time	8

Month_PNCB	Short Text	2
Trim_PNCB	Short Text	1
Prenatal_Visits	Integer	2
Expected_PN_Visits	Integer	2
APNCU	Short Text	1
Apgar5	Integer	2
Apgar10	Integer	2
VLBW	Yes/No	1
LBW	Yes/No	1
Birth_Wt_Units	Short Text	1
Birth_Wt_Grams	Integer	2
Birth_Wt_Pounds	Integer	2
Birth_Wt_Ounces	Integer	2
Birth_Wt_Group	Short Text	1
Preterm	Yes/No	1
Gestation_Weeks	Integer	2
Gestation_Days	Integer	2
Plurality	Integer	2
Birth_Order	Integer	2
Total_Born	Integer	2
Live_Births_Living	Integer	2
Live_Births_Dead	Integer	2
PD_Infant_Breastfed	Short Text	1
Mother_WIC	Short Text	1
Mother_Pre_Preg_Wght	Integer	2
Mother_Wght_At_Delivery	Integer	2
Mother_Wght_Gain_Loss	Integer	2
Mother_Smoke	Short Text	1
Daily_Cigs_Before_Preg	Integer	2
Daily_Cigs_1st_Trim	Integer	2
Daily_Cigs_2nd_Trim	Integer	2
Daily_Cigs_3rd_Trim	Integer	2
Alcohol_Use	Short Text	1
Alcohol_Drinks_Per_Week	Integer	2
Risk_Factors	Yes/No	1
Risk_Factor_Code1	Short Text	2
Risk_Factor_Code2	Short Text	2
Risk_Factor_Code3	Short Text	2
Risk_Factor_Code4	Short Text	2
Risk_Factor_Code5	Short Text	2
Risk_Factor_Code6	Short Text	2
Total_No_Risk_Factors	Short Text	2
RF_Diabetes_Pre_Preg	Short Text	1
RF_Diabetes_During_Preg	Short Text	1
RF_Hypertension_Pre_Preg	Short Text	1
RF_Hypertension_During_Preg	Short Text	1
RF_Hypertension_Eclampsia	Short Text	1
RF_Previous_Preterm_Del	Short Text	1
RF_Previous_Poor_Outcome	Short Text	1
RF_Preg_From_Infertility_Rx	Short Text	1
RF_Fertility_Drugs	Short Text	1
RF_Assisted_Reproductive_Tech	Short Text	1
RF_Previous_Cesarean	Short Text	1
RF_Previous_Cesarean_No	Integer	2

Inf_Disease	Yes/No	1
Inf_Gonorrhea_Present	Short Text	1
Inf_Syphilis_Present	Short Text	1
Inf_Chlamydia_Present	Short Text	1
Inf_Hepatitis_B_Present	Short Text	1
Inf_Hepatitis_C_Present	Short Text	1

Appendix 3: IDPH Death Master File Layout

2008-2010 Death Master File Layout			
Death Extract Field Name	**Death Extract Column Datatypes**	**Death Extract Column Positions**	**Definitions/Values**
State_File_Number	CHAR(11)	1 thru 11	State File Number is the number assigned to each death that occurred in Illinois after the death is registered. It is composed of a 4-digit year of death and a 7-digit unique number.
Filler	CHAR(4)	12 thru 15	
OOS_State_File_Number	CHAR(15)	16 thru 30	When a death occurs in another state to an Illinois resident, that state sends a copy of the registered death to Illinois. The Out-of-State State File Number is the number assigned by the state in which the death occurred.
Filler	CHAR(11)	31-41	
Record_Code	CHAR(1)	42	"Null" for regular registration or master record
Decedent_Name_Last	CHAR(50)	43 thru 92	Last name of decedent
Decedent_Name_First	CHAR(50)	93 thru 142	First name of decedent
Decedent_Name_Middle	CHAR(50)	143 thru 192	Middle name of decedent
Decedent_Name_Suffix	CHAR(10)	193 thru 202	Suffix of decedent. May be JR, Junior, SR, Senior, Sister, Father, etc.
Sex	CHAR(1)	203	Sex of decedent. Values are M, F, U for Male, Female, Unknown, respectively.
Ethnic_YesNo	CHAR(1)	204	Hispanic ethnicity of decedent. Values are Y, N, U for Yes, No, Unknown, respectively.
Ethnic_Mexican	CHAR(1)	205	Mexican ethnicity of decedent. Values are Y, N, U for Yes, No, Unknown, respectively.
Ethnic_Cuban	CHAR(1)	206	Cuban ethnicity of decedent. Values are Y, N, U for Yes, No, Unknown, respectively.
Ethnic_PR	CHAR(1)	207	Puerto Rican ethnicity of decedent. Values are Y, N, U for Yes, No, Unknown, respectively.
Ethnic_Other	CHAR(1)	208	Other Hispanic ethnicity of decedent besides Mexican, Cuban, or Puerto Rican. Values are Y, N, U for Yes, No, Unknown, respectively.
Ethnic_Other_Literal	CHAR(50)	209 thru 258	Name of other Hispanic ethnicity when Ethnic_Other field is equal to Y.
Race_White	CHAR(1)	259	If decedent's race is White, this field is Y for Yes; otherwise it is N for No.
Race_Black	CHAR(1)	260	If decedent's race is Black, this field is Y for Yes; otherwise it is N for No.
Race_Asian	CHAR(1)	261	If decedent's race is Asian, this field is Y for Yes; otherwise it is N for No.
Race_Chinese	CHAR(1)	262	If decedent's race is Chinese, this field is Y for Yes; otherwise it is N for No.
Race_Filipino	CHAR(1)	263	If decedent's race is Filipino, this field is Y for Yes; otherwise it is N for No.
Race_Vietnamese	CHAR(1)	264	If decedent's race is Vietnamese, this field is Y for Yes; otherwise it is N for No.
Race_Japanese	CHAR(1)	265	If decedent's race is Japanese, this field is Y for Yes; otherwise it is N for No.
Race_Korean	CHAR(1)	266	If decedent's race is Korean, this field is Y for Yes; otherwise it is N for No.
Race_Hawaiian	CHAR(1)	267	If decedent's race is Hawaiian, this field is Y for Yes; otherwise it is N for No.
Race_Samoan	CHAR(1)	268	If decedent's race is Samoan, this field is Y for Yes; otherwise it is N for No.
Race_Guam	CHAR(1)	269	If decedent's race is Guam, this field is Y for Yes; otherwise it is N for No.
Race_Am_Indian	CHAR(1)	270	If decedent's race is American Indian, this field is Y for Yes; otherwise it is N for No.
Race_AM_Ind_Literal	CHAR(50)	271 thru 320	Name of American Indian race/tribe
Race_Other_Asian	CHAR(1)	321	If decedent's race is another Asian, this field is Y for Yes; otherwise it is N for No.
Race_Other_Asian_Literal	CHAR(50)	322 thru 371	Name of other Asian race.
Race_Other_Pacific_Islander	CHAR(1)	372	If decedent's race is another Pacific Islander, this field is Y for Yes; otherwise it is N for No.
Race_Other_Pacific_Islander_Literal	CHAR(50)	373 thru 422	Name of other Pacific Islander race.
Race_Other	CHAR(1)	423	If decedent's race is other than those listed, this field is Y for Yes; otherwise it is N for No.
Race_Other_Literal	CHAR(50)	424 thru 473	Name of other race
Race_Unknown	CHAR(1)	474	If decedent's race is unknown, this field is Y for Yes; otherwise it is N for No.
Filler	CHAR(22)	475 thru 496	
DOD_Known	CHAR(1)	497	Indicates whether or not the Date of Death is known. Values are Y and N for Yes and No, respectively.
Decedent_Found	CHAR(5)	498 thru 502	If field DOD_Known is equal to N, this field is automatically set to FOUND to indicate the body was found; otherwise, it is set to NULL.
Decedent_DOD	DATE	503 thru 510	Date of death of the decedent. In the case of bodies that are found, the date the body was found is used as the date of death. This field is formatted as YYYYMMDD.
TOD_Military	CHAR(4)	511 thru 514	Time of death in military time. If time of death is unknown, this field will be equal to 9999.
Filler	CHAR(8)	515 thru 522	
Decedent_DOB	DATE	523 thru 530	Date of Birth of the decedent. This field is formatted as YYYYMMDD. If date of birth is not known, this field will be equal to 99990101.
Date_Filed	DATE	531 thru 538	Indicates the date the death was registered. This field is formatted as YYYYMMDD.
Filler	CHAR(5)	539 thru 543	
Reg_Type_Code	CHAR(1)	544	Indicates the type of death record. Values: NULL = Regular D = Delayed P = Presumptive O = Out of State
Age	CHAR(3)	545 thru 547	Age of decedent
Age_Type	CHAR(15)	548 thru 562	Qualifies Age field. Values are Years, Months, Days, Hours, Minutes, Unknown.
Age_In_Months_Under_1YR	CHAR(2)	563 thru 564	Age in months if decedent is under 1 year
Filler	CHAR(1)	565	
Age_In_Days_Under_1YR	CHAR(2)	566 thru 567	Age in days if decedent is under 1 year
Filler	CHAR(1)	568	
Age_In_Hours_Under_1YR	CHAR(2)	569 thru 570	Age in hours if decedent is under 1 year
Filler	CHAR(1)	571	
Age_In_Minutes_Under_1YR	CHAR(2)	572 thru 573	Age in minutes if decedent is under 1 year
Filler	CHAR(10)	574 thru 583	
Birth_Country	CHAR(50)	584 thru 633	Name of country in which decedent was born.
Birth_Country_Code_NCHS	CHAR(2)	634 thru 635	NCHS code for country in which decedent was born.
Birth_State	CHAR(50)	636 thru 685	Name of state in which decedent was born.
Birth_State_Code_NCHS	CHAR(2)	686 thru 687	NCHS code for state in which decedent was born.
Birth_City	CHAR(50)	688 thru 737	Name of city in which decedent was born

2008-2010 Death Master File Layout			
Death Extract Field Name	**Death Extract Column Datatypes**	**Death Extract Column Positions**	**Definitions/Values**
Birth_State_File_Number	CHAR(11)	738 thru 748	State file number of decedent's birth record.
Marital	CHAR(22)	749 thru 770	Marital status of decedent at time of death. Values: Married Married But Separated Widowed Divorced Never Married Unknown
Marital_Code	CHAR(1)	771	Marital status codes of decedent at time of death. Values: 1 = Married 2 = Married But Separated 3 = Widowed 4 = Divorced 5 = Never Married 7 = Unknown
Veteran_Status	CHAR(1)	772	Indicates whether or not the decedent was a veteran. Values are Y, N, U for Yes, No, Unknown, respectively.
Filler	CHAR(2)	773 thru 774	
Education	CHAR(35)	775 thru 809	Education level of the decedent. Values: 8th Grade or Less 9th Thru 12th Grade, No Diploma High School Graduate or GED College, but No Degree Associate Degree, AA, AS Bachelors degree, BA, AB, BS Masters Degree, MA, MS Doctorate Degree, PHD, EDD Unknown
Education_Code	CHAR(1)	810	Codes for education level of the decedent. Values: 1=8th Grade or Less 2=9th Thru 12th Grade, No Diploma 3=High School Graduate or GED 4=College, but No Degree 5=Associate Degree, AA, AS 6=Bachelors degree, BA, AB, BS 7=Masters Degree, MA, MS 8=Doctorate Degree, PHD, EDD 9=Unknown
Occupation	CHAR(50)	811 thru 860	Occupation of decedent
Type_Of_Industry	CHAR(50)	861 thru 910	Type of industry in which occupation is situated.
Decedent_SSN	CHAR(9)	911 thru 919	Social security number of decedent.
Method_Of_Disposition	CHAR(10)	920 thru 929	Method for disposing of decedent's body. Values: Burial Cremation Donation Entombment Other
Method_Of_Disposition_Code	CHAR(1)	930	Codes for methods of disposing of decedent's body. Values: B = Burial C = Cremation D = Donation E = Entombment O = Other
Father_Name_Last	CHAR(50)	931 thru 980	Last name of decedent's father.
Father_Name_First	CHAR(50)	981 thru 1030	First name of decedent's father.
Father_Name_Middle	CHAR(50)	1031 thru 1080	Middle name of decedent's father.
Father_Name_Suffix	CHAR(10)	1081 thru 1090	Suffix of decedent's father.
Mother_Name_Last	CHAR(50)	1091 thru 1140	Last name of decedent's mother.
Mother_Name_First	CHAR(50)	1141 thru 1190	First name of decedent's mother.
Mother_Name_Middle	CHAR(50)	1191 thru 1240	Middle name of decedent's mother.
Mother_Name_Suffix	CHAR(10)	1241 thru 1250	Suffix of decedent's mother.
Spouse_Name_Last	CHAR(50)	1251 thru 1300	Last name of decedent's spouse.
Spouse_Name_First	CHAR(50)	1301 thru 1350	First name of decedent's spouse.
Spouse_Name_Middle	CHAR(50)	1351 thru 1400	Middle name of decedent's spouse.
Spouse_Name_Suffix	CHAR(10)	1401 thru 1410	Suffix of decedent's spouse.
Informant_Name_Last	CHAR(50)	1411 thru 1460	Last name of informant.
Informant_Name_First	CHAR(50)	1461 thru 1510	First name of informant.
Informant_Name_Middle	CHAR(50)	1511 thru 1560	Middle name of informant.
Informant_Name_Suffix	CHAR(10)	1561 thru 1570	Suffix of informant.

2008-2010 Death Master File Layout			
Death Extract Field Name	**Death Extract Column Datatypes**	**Death Extract Column Positions**	**Definitions/Values**
Informant_Relation	CHAR(20)	1571 thru 1590	Relationship of informant to decedent. Values: Administrator Brother Daughter Father Friend Hospital Records Husband Mother Other Power of Attorney Significant Other Sister Son Spouse Wife
Informant_Address	CHAR(50)	1591 thru 1640	Address of informant.
Informant_City	CHAR(50)	1641 thru 1690	City name of informant.
Informant_State	CHAR(50)	1691 thru 1740	State name of informant.
Informant_ZIP	CHAR(9)	1741 thru 1749	Zip code of informant.
COD_Certificate_Type	CHAR(10)	1750 thru 1759	Indicates the status of cause of death certification being filed by the certifier. Values are Medical, Temporary, Permanent.
COD_Certificate_Type_Code	CHAR(1)	1760	Code values for status of cause of death certification being filed by the certifier. Values: 1 = Medical 2 = Permanent K = Temporary 9 = Null/Blank
Occurrence_State	CHAR(25)	1761 thru 1785	The name of the state where the death occurred.
Occurrence_State_Code	CHAR(2)	1786 thru 1787	The code of the state where the death occurred.
Occurrence_County	CHAR(30)	1788 thru 1817	The name of the county where the death occurred.
Occurrence_County_Code	CHAR(3)	1818 thru 1820	The code of the county where the death occurred.
Occurrence_Type_of_Place	CHAR(25)	1821 thru 1845	The type of place where the death occurred. Values: Inpatient Emergency Room/Outpatient Dead On Arrival Decedent Home Hospice Facility Nursing Home/Long Term Care Facility Other
Occurrence_Type_of_Place_Code	CHAR(1)	1846	Codes for type of place where the death occurred. Values: 1=Inpatient 2=Emergency Room/Outpatient 3=Dead On Arrival 4=Decedent Home 5=Hospice Facility 6=Nursing Home/Long Term Care 7=Other 9=Unknown
Occurrence_Facility_ID	CHAR(8)	1847 thru 1854	ID number of facility where death occurred. This will only be present for Illinois facilities.
Occurrence_Name_of_Place	CHAR(65)	1855 thru 1919	Name of facility where death occurred.
Occurrence_Address	CHAR(50)	1920 thru 1969	Address of facility or residence where death occurred.
Occurrence_Apartment_Number	CHAR(10)	1970 thru 1979	Apartment number of residence where death occurred.
Occurrence_City	CHAR(45)	1980 thru 2024	City where death occurred.
Occurrence_ZIP	CHAR(9)	2025 thru 2033	ZIP code where death occurred.
Residence_Country	CHAR(30)	2034 thru 2063	The name of the country where the decedent resided.
Residence_Country_Code_NCHS	CHAR(2)	2064 thru 2065	The NCHS code of the country where the decedent resided.
Residence_State	CHAR(25)	2066 thru 2090	The name of the state where the decedent resided.
Residence_State_Code_NCHS	CHAR(2)	2091 thru 2092	The NCHS code of the state where the decedent resided.
Residence_County	CHAR(30)	2093 thru 2122	The name of the county where the decedent resided.
Residence_County_Code_NCHS	CHAR(3)	2123 thru 2125	The NCHS code of the county where the decedent resided.
Residence_City	CHAR(45)	2126 thru 2170	The name of the city where the decedent resided.
Residence_City_Code_NCHS	CHAR(5)	2171 thru 2175	The NCHS code of the city where the decedent resided.
Residence_Address	CHAR(50)	2176 thru 2225	The residence address of the decedent.
Residence_Apartment_Number	CHAR(10)	2226 thru 2235	The residence apartment number of the decedent.
Residence_In_City	CHAR(1)	2236	Indicates whether or not the decedent resided within the city limits. Values are Y, N, U for Yes, No, Unknown, respectively.
Residence_ZIP	CHAR(9)	2237 thru 2245	ZIP code of decedent's residence.
Health_Dept_Code	CHAR(3)	2246 thru 2248	Indicates Health Department in which decedent resided.
HSA_Code	CHAR(2)	2249 thru 2250	Indicates Health Service Area in which decedent resided. Values range from 00 to 11 with 99 indicating an unspecified place in Illinois.

2008-2010 Death Master File Layout			
Death Extract Field Name	**Death Extract Column Datatypes**	**Death Extract Column Positions**	**Definitions/Values**
Certifier_Type	CHAR(30)	2251 thru 2280	Indicates the function or authority of the person certifying the cause of death. Values: Medical Examiner/Coroner Physician in Attendance Physician in Charge
Certifier_Name	CHAR(50)	2281 thru 2330	The name of the person certifying the cause of death.
Certifier_License	CHAR(15)	2331 thru 2345	The license number of the cause of death certifier.
Certifier_Address	CHAR(50)	2346 thru 2395	The address of the cause of death certifier.
Certifier_Address2	CHAR(50)	2396 thru 2445	The address of the cause of death certifier.
Certifier_State	CHAR(25)	2446 thru 2470	The state where the causeof death certifier resides or has offices.
Certifier_City	CHAR(45)	2471 thru 2515	The city where the cause of death certifier resides or has offices.
Certifier_ZIP	CHAR(9)	2516 thru 2524	The ZIP code of the city where the cause of death certifier resides or has offices.
Certifier_Phone	CHAR(10)	2525 thru 2534	The phone number of the cause of death certifier.
Certifier_Phone_Extension	CHAR(5)	2535 thru 2539	The phone number extension of the cause of death certifier.
Certifier_Date_Last_Seen	DATE	2540 thru 2547	The date the decedent was last seen alive by the certifying physician. If the cause of death certifier was a coroner, this field will be NULL. This field is formatted as YYYYMMDD. If the date last seen alive is not known, this field will be equal to 99990101.
Date_Coroner_Pronounced_Dead	DATE	2548 thru 2555	The date the coroner pronounced the decedent dead. This field will be NULL if the cause of death certifier was a physician. This field is formatted as YYYYMMDD. If the date the coroner pronounced the decedent dead is not known, this field will be equal to 99990101.
Coroner_Contacted	CHAR(1)	2556	Indicates whether or not the certifying physician contacted the coroner. Values are Y, N, U for Yes, No, Unknown, respectively. If the cause of death certifier was a coroner, this field will be NULL.
Certifier_Attended_Deceased	CHAR(1)	2557	Indicates whether or not the certifying physician attended the decedent at the time of death. Values are Y and N for Yes and No, respectively. If the certifier was a coroner, this field will be NULL.
Filler	CHAR(6)	2558 thru 2563	
COD_Immediate	CHAR(120)	2564 thru 2683	The final diseases, injuries, or complications that directly caused the death.
COD_Immediate_Interval	CHAR(20)	2684 thru 2703	Interval of time from onset to death.
COD_Immediate_Units	CHAR(10)	2704 thru 2713	Unit of time from onset to death. Values: Days Hours Immediate Minutes Months Seconds Unknown Weeks Years
COD_Consequence1	CHAR(120)	2714 thru 2833	Conditions leading to the immediate cause of death.
COD_Consequence1_Interval	CHAR(20)	2834 thru 2853	Interval of time from onset to death.
COD_Consequence1_Units	CHAR(10)	2854 thru 2863	Unit of time from onset to death. Values: Days Hours Immediate Minutes Months Seconds Unknown Weeks Years
COD_Consequence2	CHAR(120)	2864 thru 2983	Disease, injury, or condition that initiated the events resulting in death.
COD_Consequence2_Interval	CHAR(20)	2984 thru 3003	Interval of time from onset to death.
COD_Consequence2_Units	CHAR(10)	3004 thru 3013	Unit of time from onset to death. Values: Days Hours Immediate Minutes Months Seconds Unknown Weeks Years
COD_Other_Significant_Conditions	CHAR(240)	3014 thru 3253	Other significant diseases, conditions, or injuries that contributed to death but which did not result in the underlying cause of death.
Tobacco_Contribute_To_Death	CHAR(1)	3254	Indicates whether or not tobacco contributed to the cause of death. Values: Y=Yes N=No U=Unknown P=Probably
ACME_Underlying_COD_Code	CHAR(5)	3255 thru 3259	Underlying cause of death as determined by ACME software using SuperMicar data and ICD codes.
SMICAR_AXIS_1	CHAR(8)	3260 thru 3267	Cause of death data interpreted into standardized MICAR nomenclature for input into ACME/TRANSAX software.
SMICAR_AXIS_2	CHAR(8)	3268 thru 3275	Cause of death data interpreted into standardized MICAR nomenclature for input into ACME/TRANSAX software.
SMICAR_AXIS_3	CHAR(8)	3276 thru 3283	Cause of death data interpreted into standardized MICAR nomenclature for input into ACME/TRANSAX software.

2008-2010 Death Master File Layout			
Death Extract Field Name	**Death Extract Column Datatypes**	**Death Extract Column Positions**	**Definitions/Values**
SMICAR_AXIS_4	CHAR(8)	3284 thru 3291	Cause of death data interpreted into standardized MICAR nomenclature for input into ACME/TRANSAX software.
SMICAR_AXIS_5	CHAR(8)	3292 thru 3299	Cause of death data interpreted into standardized MICAR nomenclature for input into ACME/TRANSAX software.
SMICAR_AXIS_6	CHAR(8)	3300 thru 3307	Cause of death data interpreted into standardized MICAR nomenclature for input into ACME/TRANSAX software.
SMICAR_AXIS_7	CHAR(8)	3308 thru 3315	Cause of death data interpreted into standardized MICAR nomenclature for input into ACME/TRANSAX software.
SMICAR_AXIS_8	CHAR(8)	3316 thru 3323	Cause of death data interpreted into standardized MICAR nomenclature for input into ACME/TRANSAX software.
SMICAR_AXIS_9	CHAR(8)	3324 thru 3331	Cause of death data interpreted into standardized MICAR nomenclature for input into ACME/TRANSAX software.
SMICAR_AXIS_10	CHAR(8)	3332 thru 3339	Cause of death data interpreted into standardized MICAR nomenclature for input into ACME/TRANSAX software.
SMICAR_AXIS_11	CHAR(8)	3340 thru 3347	Cause of death data interpreted into standardized MICAR nomenclature for input into ACME/TRANSAX software.
SMICAR_AXIS_12	CHAR(8)	3348 thru 3355	Cause of death data interpreted into standardized MICAR nomenclature for input into ACME/TRANSAX software.
SMICAR_AXIS_13	CHAR(8)	3356 thru 3363	Cause of death data interpreted into standardized MICAR nomenclature for input into ACME/TRANSAX software.
SMICAR_AXIS_14	CHAR(8)	3364 thru 3371	Cause of death data interpreted into standardized MICAR nomenclature for input into ACME/TRANSAX software.
SMICAR_AXIS_15	CHAR(8)	3372 thru 3379	Cause of death data interpreted into standardized MICAR nomenclature for input into ACME/TRANSAX software.
SMICAR_AXIS_16	CHAR(8)	3380 thru 3387	Cause of death data interpreted into standardized MICAR nomenclature for input into ACME/TRANSAX software.
SMICAR_AXIS_17	CHAR(8)	3388 thru 3395	Cause of death data interpreted into standardized MICAR nomenclature for input into ACME/TRANSAX software.
SMICAR_AXIS_18	CHAR(8)	3396 thru 3403	Cause of death data interpreted into standardized MICAR nomenclature for input into ACME/TRANSAX software.
SMICAR_AXIS_19	CHAR(8)	3404 thru 3411	Cause of death data interpreted into standardized MICAR nomenclature for input into ACME/TRANSAX software.
SMICAR_AXIS_20	CHAR(8)	3412 thru 3419	Cause of death data interpreted into standardized MICAR nomenclature for input into ACME/TRANSAX software.
Injury_Date	CHAR(8)	3420 thru 3427	Date of Injury if the death resulted from an injury. This field is formatted as YYYYMMDD. If the decedent did not die as a result of an injury, this field will be NULL. If the date of injury is not known, this field will be equal to 99990101.
Injury_Time_Military	CHAR(4)	3428 thru 3431	Time of injury in military time.
Injury_Place	CHAR(50)	3432 thru 3481	Place of injury
Injury_Location	CHAR(80)	3482 thru 3561	Address of injury
Injury_State	CHAR(30)	3562 thru 3591	State of injury
Injury_City	CHAR(40)	3592 thru 3631	City of injury
Injury_ZIP	CHAR(5)	3632 thru 3636	ZIP code of city of injury
Injury_How_Occurred	CHAR(240)	3637 thru 3876	Description of how injury occurred.
Injury_Transportation	CHAR(30)	3877 thru 3906	Indicates decedent's role in transportation injury. This field can be NULL. Values: Driver/Operator Other Passenger Pedestrian
Autopsy_Done	CHAR(1)	3907	Indicates whether or not an autopsy was done. Values are Y, N, U for Yes, No, Unknown, respectively.
Autopsy_Findings_Used	CHAR(1)	3908	Indicates whether or not autopsy findings were used. Values are Y, N, X, U for Yes, No, Not Applicable, Unknown, respectively.
Pregnancy_Codes	CHAR(1)	3909	Pregnancy status of decedent. Values: 1=Not Pregnant Within Last Year 2=Pregnant At Time Of Death 3=Not Pregnant, But Pregnant Within 42 Days of Death 4=Not Pregnant, But Pregnant 43 Days To 1 Year Before Death 5=Not Applicable for Male 6=Unknown 7=Not Applicable for Female 8=Pregnant Within 1 Year But Time Unknown
Injury_At_Work	CHAR(1)	3910	Indicates whether or not the injury occurred at work. Values: Y=Yes N=No U=Unknown ' '=Medical certificates of death only

2008-2010 Death Master File Layout			
Death Extract Field Name	**Death Extract Column Datatypes**	**Death Extract Column Positions**	**Definitions/Values**
Manner_Of_Death	CHAR(25)	3911 thru 3935	Indicates manner of death of the decedent. Values: Natural Accident Suicide Homicide Could Not Be Determined Pending Investigation Not Specified
Manner_Of_Death_Code	CHAR(1)	3936	Manner of Death Values: 1 = Natural 2 = Accident 3 = Suicide 4 = Homicide 5 = Could Not Be Determined 6 = Pending Investigation 7 = Not Specified
Geo_Residence_Centroid	CHAR(50)	3937 thru 3986	For decedent's residence: This field will contain "Y" if Centroid search was used and "N" if it was not used.
Geo_Residence_Status	INT(10)	3987 thru 3996	For decedent's residence: Return code to indicate general type of success or failure in street level match. Values: 0 = “OK” – Successful address match 1 = “From Intersect” – Successful intersection match to the “from” end node of the primary street segment 2 = “To Intersect” – Successful intersection match to the “to” end node of the primary street segment 3 = “Ambiguous” – Unsuccessful match due to an ambiguous situation, i. e., there were two or more possible matches with the same cost 4 = “Failed” – Unsuccessful match 6 = “No Attempt” – Address geocoding was not attempted 7 = “Anomalous Failure” – API Match call failed without a valid failure status code
Geo_Residence_Xstatus	INT(10)	3997 thru 4006	For decedent's residence: Two-digit code with further information regarding the success or failure of street level match. Values: 0 = Match to left-side, same parity 1 = Match to left-side, opposite parity 2 = Match to right-side, same parity 3 = Match to right-side, opposite parity 4 = Match from-end, but out-of-range 5 = Match to-end, but out-of-range 6 = Match to segment without address range 7 = Match to point data 8 = Match to intersection at from-end 9 = Match to intersection at to-end 10 = Failure: multiple matches found; ambiguous 11 = Failure: no match found 12 = Failure: PO Box 13 = Failure: RFD 14 = Match to from-end intersection window 15 = Match to to-end intersection windown 16 = Failure: 1st intersection street not found 17 = Failure: 2nd intersection street not found 18 = Failure: intersection; neither street found
Geo_Residence_Context	INT(10)	4007 thru 4016	For decedent's residence: Two-digit code to indicate where a failure to match at the street level occurred. Values: 0 = “ALL” – Match was successful 1 = “Country” – The input country could not be matched. The current versions of Matchmaker SDK professional do not require the country name in the input address. Therefore this context code is not required 2 = “State” – The input state abbreviation could not be matched 3 = “Locality” – The input city name could not be matched 4 = “SecLoc” – The input neighborhood name could not be matched 5 = “Street” – The input street could not be matched 6 = “Housenum” – The input house number could not be parsed 7 = “Strparse” – The input street address could not be parsed 8 = “Segment” – A matching street was found, but no “best” segment could be identified. May be due to an ambiguous match situation or because the house number is too far out of range 9 = “Intersect” – Input address was recognized as an intersection, but could not be matched 10 = “LocInfo” – Not currently used 11 = “Name” – Not currently used 12 = “Company” – Not currently used 13 = “Nameparse” – Not currently used
Geo_Residence_Rationale	INT(10)	4017 thru 4026	For decedent's residence: Hex value indicating elements in the address that were corrected or ignored in order to make the match. (Table too large to include.)
Geo_Residence_Dynaid	INT(10)	4027 thru 4036	For decedent's residence: This field will contain the Dynamap ID of the match segment.

2008-2010 Death Master File Layout			
Death Extract Field Name	**Death Extract Column Datatypes**	**Death Extract Column Positions**	**Definitions/Values**
Geo_Residence_Matchside	INT(10)	4037 thru 4046	For decedent's residence: This field will contain the match segment side. Values: Left Right No
Geo_Residence_Match_Lat	INT(10)	4047 thru 4056	For decedent's residence: This field contains the interpolated latitude. (Note: The field must be divided by 10000 to get the actual LAT. For example, if LAT is 418166, the actual LAT is 41.8166.)
Geo_Residence_Match_Lon	INT(10)	4057 thru 4066	For decedent's residence: This field contains the interpolated longitude. (Note: The field must be divided by 10000 to get the actual LON.)
Geo_Residence_Match_Hnum	CHAR(10)	4067 thru 4076	For decedent's residence: This field contains the match house number and may contain alpha characters.
Geo_Residence_State_FIPS	INT(10)	4077 thru 4086	For decedent's residence: This field contains the State FIPS code.
Geo_Residence_County_FIPS	INT(10)	4087 thru 4096	For decedent's residence: This field contains the County FIPS code.
Geo_Residence_Track_Code	CHAR(10)	4097 thru 4106	For decedent's residence: This field contains the census tract code.
Geo_Residence_MSA_Code	INT(10)	4107 thru 4116	For decedent's residence: This field contains the metropolitan statistical area code.
Geo_Residence_Centroid_Status	CHAR(10)	4117 thru 4126	For decedent's residence: This field contains the Centroid status code if a Centroid search was used. Values: 0 = “MATCHNONE” – No current match 1 = "MATCHFAIL” – Match request failed 2 = “MATCHZIP5” – Matched to 5-digit ZIP centroid 3 = “MATCHZIPPLUS2” – Matched to ZIP+2 centroid 4 = “MATCHZIPPLUS4” – Matched to ZIP+4 centroid
Geo_Place_of_Death_Centroid	CHAR(50)	4127 thru 4176	For decedent's place of death: This field will contain "Y" if Centroid search was used and "N" if it was not used.
Geo_Place_of_Death_Status	INT(10)	4177 thru 4186	For decedent's place of death: Return code to indicate general type of success or failure in street level match. Values: 0 = “OK” – Successful address match 1 = “From Intersect” – Successful intersection match to the “from” end node of the primary street segment 2 = “To Intersect” – Successful intersection match to the “to” end node of the primary street segment 3 = “Ambiguous” – Unsuccessful match due to an ambiguous situation, i. e., there were two or more possible matches with the same cost 4 = “Failed” – Unsuccessful match 6 = “No Attempt” – Address geocoding was not attempted 7 = “Anomalous Failure” – API Match call failed without a valid failure status code
Geo_Place_of_Death_Xstatus	INT(10)	4187 thru 4196	For decedent's place of death: Two-digit code with further information regarding the success or failure of street level match. Values: 0 = Match to left-side, same parity 1 = Match to left-side, opposite parity 2 = Match to right-side, same parity 3 = Match to right-side, opposite parity 4 = Match from-end, but out-of-range 5 = Match to-end, but out-of-range 6 = Match to segment without address range 7 = Match to point data 8 = Match to intersection at from-end 9 = Match to intersection at to-end 10 = Failure: multiple matches found; ambiguous 11 = Failure: no match found 12 = Failure: PO Box 13 = Failure: RFD 14 = Match to from-end intersection window 15 = Match to to-end intersection windown 16 = Failure: 1st intersection street not found 17 = Failure: 2nd intersection street not found 18 = Failure: intersection; neither street found

2008-2010 Death Master File Layout			
Death Extract Field Name	**Death Extract Column Datatypes**	**Death Extract Column Positions**	**Definitions/Values**
Geo_Place_of_Death_Context	INT(10)	4197 thru 4206	For decedent's place of death: Two-digit code to indicate where a failure to match at the street level occurred. Values: 0 = “ALL” – Match was successful 1 = “Country” – The input country could not be matched. The current versions of Matchmaker SDK professional do not require the country name in the input address. Therefore this context code is not required 2 = “State” – The input state abbreviation could not be matched 3 = “Locality” – The input city name could not be matched 4 = “SecLoc” – The input neighborhood name could not be matched 5 = “Street” – The input street could not be matched 6 = “Housenum” – The input house number could not be parsed 7 = “Strparse” – The input street address could not be parsed 8 = “Segment” – A matching street was found, but no “best” segment could be identified. May be due to an ambiguous match situation or because the house number is too far out of range 9 = “Intersect” – Input address was recognized as an intersection, but could not be matched 10 = “LocInfo” – Not currently used 11 = “Name” – Not currently used 12 = “Company” – Not currently used 13 = “Nameparse” – Not currently used
Geo_Place_of_Death_Rationale	INT(10)	4207 thru 4216	For decedent's place of death: Hex value indicating elements in the address that were corrected or ignored in order to make the match. (Table too large to include.)
Geo_Place_of_Death_Dynaid	INT(10)	4217 thru 4226	For decedent's place of death: This field will contain the Dynamap ID of the match segment.
Geo_Place_of_Death_Matchside	INT(10)	4227 thru 4236	For decedent's place of death: This field will contain the match segment side. Values: Left Right No
Geo_Place_of_Death_Match_Lat	INT(10)	4237 thru 4246	For decedent's place of death: This field contains the interpolated latitude. (Note: The field must be divided by 10000 to get the actual LAT. For example, if LAT is 418166, the actual LAT is 41.8166.)
Geo_Place_of_Death_Match_Lon	INT(10)	4247 thru 4256	For decedent's place of death: This field contains the interpolated longitude. (Note: The field must be divided by 10000 to get the actual LON.)
Geo_Place_of_Death_Match_Hnum	CHAR(10)	4257 thru 4266	For decedent's place of death: This field contains the match house number and may contain alpha characters.
Geo_Place_of_Death_State_FIPS	INT(10)	4267 thru 4276	For decedent's place of death: This field contains the State FIPS code.
Geo_Place_of_Death_County_FIPS	INT(10)	4277 thru 4286	For decedent's place of death: This field contains the County FIPS code.
Geo_Place_of_Death_Track_Code	CHAR(10)	4287 thru 4296	For decedent's place of death: This field contains the census tract code.
Geo_Place_of_Death_MSA_Code	INT(10)	4297 thru 4306	For decedent's place of death: This field contains the metropolitan statistical area code.
Geo_Place_of_Death_Centroid_Status	CHAR(10)	4307 thru 4316	For decedent's place of death: This field contains the Centroid status code if a Centroid search was used. Values: 0 = “MATCHNONE” – No current match 1 = "MATCHFAIL” – Match request failed 2 = “MATCHZIP5” – Matched to 5-digit ZIP centroid 3 = “MATCHZIPPLUS2” – Matched to ZIP+2 centroid 4 = “MATCHZIPPLUS4” – Matched to ZIP+4 centroid
Registrar_Name	CHAR(50)	4317 thru 4366	The name of the Registrar who registered the death.
Registration_District_Code	CHAR(5)	4367 thru 4371	The code for the registration district to which the Registrar belongs.
Transax1	CHAR(5)	4372 thru 4376	Compilation of multiple causes of death from SuperMicar data.
Transax2	CHAR(5)	4377 thru 4381	Compilation of multiple causes of death from SuperMicar data.
Transax3	CHAR(5)	4382 thru 4386	Compilation of multiple causes of death from SuperMicar data.
Transax4	CHAR(5)	4387 thru 4391	Compilation of multiple causes of death from SuperMicar data.
Transax5	CHAR(5)	4392 thru 4396	Compilation of multiple causes of death from SuperMicar data.
Transax6	CHAR(5)	4397 thru 4401	Compilation of multiple causes of death from SuperMicar data.
Transax7	CHAR(5)	4402 thru 4406	Compilation of multiple causes of death from SuperMicar data.
Transax8	CHAR(5)	4407 thru 4411	Compilation of multiple causes of death from SuperMicar data.
Transax9	CHAR(5)	4412 thru 4416	Compilation of multiple causes of death from SuperMicar data.
Transax10	CHAR(5)	4417 thru 4421	Compilation of multiple causes of death from SuperMicar data.
Transax11	CHAR(5)	4422 thru 4426	Compilation of multiple causes of death from SuperMicar data.
Transax12	CHAR(5)	4427 thru 4431	Compilation of multiple causes of death from SuperMicar data.
Transax13	CHAR(5)	4432 thru 4436	Compilation of multiple causes of death from SuperMicar data.
Transax14	CHAR(5)	4437 thru 4441	Compilation of multiple causes of death from SuperMicar data.
Transax15	CHAR(5)	4442 thru 4446	Compilation of multiple causes of death from SuperMicar data.
Transax16	CHAR(5)	4447 thru 4451	Compilation of multiple causes of death from SuperMicar data.
Transax17	CHAR(5)	4452 thru 4456	Compilation of multiple causes of death from SuperMicar data.
Transax18	CHAR(5)	4457 thru 4461	Compilation of multiple causes of death from SuperMicar data.
Transax19	CHAR(5)	4462 thru 4466	Compilation of multiple causes of death from SuperMicar data.
Transax20	CHAR(5)	4467 thru 4471	Compilation of multiple causes of death from SuperMicar data.
Filler	CHAR(20)	4472 thru 4491	
Funeral_Home_Name	CHAR(80)	4492 thru 4571	The name of the funeral home charged with disposing of the decedent.
Funeral_Home_Address	CHAR(50)	4572 thru 4621	The address of the funeral home.
Funeral_Home_City	CHAR(50)	4622 thru 4671	The city in which the funeral home is located.
Funeral_Home_State	CHAR(30)	4672 thru 4701	The state in which the funeral home is located.
Funeral_Home_ZIP	CHAR(9)	4702 thru 4710	The ZIP code of the funeral home.

2008-2010 Death Master File Layout			
Death Extract Field Name	**Death Extract Column Datatypes**	**Death Extract Column Positions**	**Definitions/Values**
Funeral_Director_Name	CHAR(50)	4711 thru 4760	The name of the funeral director completing the death record.
Funeral_Director_License	CHAR(15)	4761 thru 4775	The license number of the funeral director.
Cemetery_Name	CHAR(50)	4776 thru 4825	The name of the cemetery in which the decedent was buried or entombed.
Cemetery_City	CHAR(50)	4826 thru 4875	The city in which the cemetery is located.
Cemetery_State	CHAR(30)	4876 thru 4905	The state in which the cemetery is located.
Disposition_Date	CHAR(8)	4906 thru 4913	The date on which the decedent's body was disposed. This field is formatted as YYYYMMDD. If the disposition date is not known, this field will be equal to 99990101. This date can be NULL.
Race1E	CHAR(3)	4914 thru 4916	Bridged multiple race Values: 100=White 101-199=Other White Races 200=Black or African American 201-299=Other Black Races 300=American Indian 400=Asian Indian 410=Chinese 420=Filipino 430=Japanese 440=Korean 450=Vietnamese 401-409, 411-419, 421-429, 431-439, 441-449 & 451-499=Other Asian 500=Native Hawaiian 501-510, 512-520, & 523-599=Other Pacific Islander 511=Samoan 521=Guamanian 522=Chamorro 600-997=Other 998=Unknown A01-M43=American Indian Tribes M44-N66=Alaskan Indian Tribes N67-R10=Eskimo Tribes R11-R99=Aleut Tribes
Race2E	CHAR(3)	4917 thru 4919	Race - See Above Values
Race3E	CHAR(3)	4920 thru 4922	Race - See Above Values
Race4E	CHAR(3)	4923 thru 4925	Race - See Above Values
Race5E	CHAR(3)	4926 thru 4928	Race - See Above Values
Race6E	CHAR(3)	4929 thru 4931	Race - See Above Values
Race7E	CHAR(3)	4932 thru 4934	Race - See Above Values
Race8E	CHAR(3)	4935 thru 4937	Race - See Above Values
Race_16C	CHAR(3)	4938 thru 4940	Race - See Above Values
Race_17C	CHAR(3)	4941 thru 4943	Race - See Above Values
Race_18C	CHAR(3)	4944 thru 4946	Race - See Above Values
Race_19C	CHAR(3)	4947 thru 4949	Race - See Above Values
Race_20C	CHAR(3)	4950 thu 4952	Race - See Above Values
Race_21C	CHAR(3)	4953 thru 4955	Race - See Above Values
Race_22C	CHAR(3)	4956 thru 4958	Race - See Above Values
Race_23C	CHAR(3)	4959 thru 4961	Race - See Above Values
Dethnice	CHAR(3)	4962 thru 4964	Ethnicity Values: 100=Not Hispanic 200-209=Spaniard 210=Mexican 211-219=Other Mexican 220=Central and South American 221-229=Central American 231-249=South American 250-259=Latin American 260-269=Puerto Rican 270-274=Cuban 275-279=Dominican 280-299=Other Spanish/Hispanic 996=Uncodable 997=Deferred 998=Unknown
Deathnic5C	CHAR(3)	4965 thru 4967	Ethnicity - See Above Values

2008-2010 Death Master File Layout			
Death Extract Field Name	**Death Extract Column Datatypes**	**Death Extract Column Positions**	**Definitions/Values**
Racebrg	CHAR(2)	4968 thru 4969	Bridged multiple race Values: 01=White 02=Black 03=American Indian or Alaskan Native 04=Asian Indian 05=Chinese 06=Filipino 07=Japanese 08=Korean 09=Vietnamese 10=Other Asian 11=Native Hawaiian 12=Guamanian or Chamorro 13=Samoan 14=Other Pacific Islander 15=Other Bridged Multiple Race specified: 21=White 22=Black 23=American Indian or Alaskan Native 24=Asian or Pacific Islander 99=Unknown
Filler	CHAR(69)	4970 thru 5038	

Appendix 4: SCCHD Master File Layout for SCC Deaths

Properties

DateCreated:	12/23/2022 3:02:50 PM	GUID:	{guid {B96F38F4-883E-4391-934E-12995E56505A}}
LastUpdated:	12/23/2022 5:50:55 PM	RecordCount:	22761
Updatable:	True		

Columns

Name	Type	Size
ID	Long Integer	4
CertNum	Short Text	11
Year	Short Text	4
Dec_DOB	Short Text	8
Death_Date	Short Text	8
Health_Dept_Code	Short Text	3
Death_Manner_Code	Short Text	1
CntyOccurrence	Short Text	3
Occurrence_City_Name	Short Text	45
Occurrence_Zip	Short Text	9
Occurrence_TOP_Code	Short Text	1
CityResName	Short Text	45
Residence_City_Code	Short Text	5
AreaOfResidence	Short Text	6
CntyResidence	Short Text	3
Residence_Zip	Short Text	9
Residence_In_City	Short Text	1
Township	Long Integer	4
GeoGroupRes	Short Text	50
Gender	Short Text	1
RaceCDC	Short Text	1
Race	Short Text	1
Race1E	Short Text	3
CDC_Origin	Short Text	2
Hispanic	Short Text	50
Ethnic_Origin	Short Text	2
Dethnice	Short Text	3
Marital_Code	Short Text	1
InfDth	Yes/No	1
Pregnancy_Codes	Short Text	1
AgeValue	Long Integer	4
Age_Type	Short Text	15
AgeCode	Short Text	1
AgeGroup	Short Text	1
Education_Code	Short Text	1
Veteran	Short Text	1
Tobacco_Cont	Short Text	1
Drug_Alc_Related	Yes/No	1
Injury_Date	Short Text	8
Injury_Place	Short Text	50
Injury_Location	Short Text	80
Injury_State	Short Text	30

Injury_City	Short Text	40
Injury_Zip	Short Text	5
How_Injury_Occurred	Short Text	240
Injury_Trans	Short Text	30
Work_Injury	Short Text	1
Autopsy	Short Text	1
Autopsy_Findings_Used	Short Text	1
COD41	Long Integer	4
ACME_Und_Code	Short Text	5
COD_Immediate	Short Text	120
COD_Im_Int	Short Text	20
COD_Im_Units	Short Text	10
COD_Consq1	Short Text	120
COD_Consq1_Int	Short Text	20
COD_Consq1_Units	Short Text	10
COD_Consq2	Short Text	120
COD_Consq2_Int	Short Text	20
COD_Consq2_Units	Short Text	10
COD_Other	Short Text	240
SMICAR_Axis1	Short Text	8
SMICAR_Axis2	Short Text	8
SMICAR_Axis3	Short Text	8
SMICAR_Axis4	Short Text	8
SMICAR_Axis5	Short Text	8
SMICAR_Axis6	Short Text	8
SMICAR_Axis7	Short Text	8
SMICAR_Axis8	Short Text	8
SMICAR_Axis9	Short Text	8
SMICAR_Axis10	Short Text	8
SMICAR_Axis11	Short Text	8
SMICAR_Axis12	Short Text	8
SMICAR_Axis13	Short Text	8
SMICAR_Axis14	Short Text	8
SMICAR_Axis15	Short Text	8