

PROCEDURES FOR CODING CAUSE OF FETAL DEATH UNDER ICD-10

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The 1992 Revision of the Model State Vital Statistics Act and Regulations (1) recommends the following definition of fetal death. This definition is based on the definition promulgated by the World Health Organization in 1950 and revised in 1988 by a working group formed by the American Academy of Pediatrics and the American College of Obstetricians and Gynecologists (2). The revision added clarifiers to help determine what is to be considered a fetal death:

“Fetal death” means death prior to the complete expulsion or extraction from its mother of a product of human conception, irrespective of the duration of pregnancy and which is not an induced termination of pregnancy. The death is indicated by the fact that after such expulsion or extraction, the fetus does not breathe or show any other evidence of life, such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles. Heartbeats are to be distinguished from transient cardiac contractions; respirations are to be distinguished from fleeting respiratory efforts or gasps.

This document outlines the procedures for coding cause of fetal death using the 2003 revision of the U.S. Standard Report of Fetal Death certification format. This revision introduces substantial changes in how cause of fetal death is collected. The new format also has two parts: 18a (Initiating cause/condition) and 18b (Other significant causes or conditions). The instructions direct the physician to report an initiating condition in part a and all remaining causes in part b. Compared with the previous U.S. Standard Report of Fetal Death (1989 revision), the new format eliminates the reported sequence of conditions resulting in death and assumes that physicians will be able to provide an “initiating cause/condition,” which is equivalent to the “reported underlying cause of death.” A list of checkboxes and “Specify” lines replace the previous open-ended format. The list is not inclusive nor as detailed as possible. The “Specify” lines allow physicians to report other causes or provide more detail.

The coding procedures will borrow ideas from coding procedures for selecting the underlying cause for neonatal deaths and makes use of the modification tables in NCHS Instruction manual, part 2C. However, new coding procedures are necessary because of the new format. The selection rules are basically eliminated since there is no reported sequence. A variation of the direct sequel rule is included to capture causes that obviously should have been reported as the initiating cause. Most of the modification rules are applicable with the new format.

Coding Procedures and Data Processing

All conditions reported as an Initiating Cause/Condition or Other Significant Causes or Conditions should be assigned an ICD-10 code. Maternal conditions affecting the fetus should be coded to categories P00-P04. Conditions in the fetus can be coded to any category in the list of valid codes (Table 1) other than P00-P04 but will most often be coded to categories P05-P96 (Perinatal conditions) or Q00-Q99 (Congenital anomalies).

For records that cannot be assigned a valid cause of fetal death, the coder should query the attending physician for additional information. In the case that additional information cannot be obtained, the cause of death should be recoded to P95- cause unknown.

Valid Codes: Table 1 contains all ICD-10 codes that are valid for coding the initiating cause of fetal death.

Sex/Cause: Table 2 lists the ICD codes that are applicable only to males or only to females.

Plurality/Cause: Some ICD codes, P01.5 or Q89.4, are applicable only to multiple births (Table 2).

Rules

Although the information on fetal and maternal cause will provide additional information to the coder, coders should not systematically give preference to either fetal or maternal causes in selecting the initiating cause. The following coding rules should be applied sequentially.

Step 1. Selection of tentative initiating cause: Coders should select the single condition reported in part a as the tentative initiating cause. If more than one condition is reported in part a, then select the first condition reported from top to bottom in part a as the tentative initiating cause. If no condition is reported in part a but conditions are reported in part b, select the first condition reported from top to bottom in part b as the tentative initiating cause.

Step 2. Direct sequel: If the tentative initiating cause is obviously a direct consequence of another reported condition in part a or part b, select this condition.

Step 3. Ill-defined conditions: If the tentative initiating cause is classifiable to Chapter XVIII (Symptoms, signs, and abnormal clinical and laboratory findings, not elsewhere classified), P07.0, P07.1, P07.2, or P07.3 (Disorders related to short gestation and low birth weight, not elsewhere classified), P20.1 or P20.9 and P21.9 (Intrauterine hypoxia and Birth asphyxia), or P95 (Fetal death of unspecified cause) and a condition classified elsewhere than to one of these codes is reported on the certificate, reselect the cause of death as if the condition classified to Chapter XVIII, P07.0, P07.1, P07.2, P07.3, P20.1, P20.9, P21.9, or P95 had not been reported, except to take account of that condition if it modifies the coding.

Step 4. Trivial conditions: If the tentative initiating cause is a trivial condition unlikely to cause death and a more serious condition (any condition except an ill-defined or another trivial condition) is reported, reselect the initiating cause as if the trivial condition had not been reported. If the death was the result of an adverse reaction to treatment of the trivial condition, select the adverse reaction.

Step 5. Linkage: If the tentative initiating cause is linked by a provision in the classification or in the notes on general mortality coding with one or more of the other conditions on the report, code

the combination.

If the linkage only applies if one condition is specified as due to another, the linkage rule does not apply for fetal deaths. If a conflict in linkages occurs, link with the condition that would have been selected if the cause initially selected had not been reported. Make any further linkage that is applicable.

Step 6. Specificity: If the tentative initiating cause describes a condition in general terms and a term that provides more precise information about the site or nature of this condition is reported, prefer the more informative term. This rule will often apply when the general term becomes an adjective, qualifying the more precise term.

Step 7. Early and late stages of disease: If the tentative initiating cause is an early stage of a disease and a more advanced stage of the same disease is reported, code to the more advanced stage.

Use of Other Information

Coders should not use information outside the cause-of-death statement to code cause of fetal death. For example, some items in the checkbox portion of the fetal death report could be assigned ICD codes, but they are more accurately represented as risk factors of the pregnancy. The birthweight item should not be used to assign an ICD code.

Use of ACME

We recommend that the States have their nosological staff manually code cause of fetal death using Instruction manual part 2c tables. The MMDS software cannot be used presently because the valid codes are different for fetal deaths and the format of medical certification of fetal death is different from that of general mortality.

Inclusions in the File

In some circumstances, the conditions reported in the cause-of-death statement may suggest that this is not a fetal death. States should query these records. If the event does not meet the definition of fetal death, the record should be deleted from the fetal death file and an appropriate certificate or report should be completed.

Abortions: All induced terminations of pregnancy should be excluded from the fetal death file except when the fetus was known to be dead before the procedure and when the induction was performed for the sole purpose of removing an already-dead fetus. The term “induced termination of pregnancy” implies an induced termination of a pregnancy in progress, not one in which fetal death has already occurred.

The 1992 Revision of the Model State Vital Statistics Act and Regulations (1) includes the

following definition of induced termination of pregnancy: “Induced termination of pregnancy” means the purposeful interruption of an intrauterine pregnancy with the intention other than to produce a live-born infant and which does not result in a live birth. This definition excludes management of prolonged retention of products of conception following fetal death.

As NCHS and the States are trying to get the best count of fetal deaths that occurred, NCHS and the States do want to include those induced terminations where the fetus died prior to the induction procedure, and exclude those where the fetus died during the induction procedure. A list of terms indicating induced abortions is included in Table 3.

Unlike the ICD-9 procedures, NCHS is not promoting the use of a created code (ICD-9 *779.7) to flag potential abortions in ICD-10. If States find a flag useful, the State may use its discretion in using a flag to identify potential abortions.

Live births: It is also important to exclude from the fetal death file events that should have been reported as live births.

The 1992 Revision of the Model State Vital Statistics Act and Regulations (1) recommends the following definition of live birth. This definition is based on the definition promulgated by the World Health Organization in 1950 and revised in 1988 by a working group formed by the American Academy of Pediatrics and the American College of Obstetricians and Gynecologists (2). The revision added clarifiers to help determine what should be considered a live birth: “Live Birth” means the complete expulsion or extraction from its mother of a product of human conception, irrespective of the duration of pregnancy, which, after such expulsion or extraction, breathes, or shows any other evidence of life such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles, whether or not the umbilical cord has been cut or the placenta is attached. Heartbeats are to be distinguished from transient cardiac contractions; respirations are to be distinguished from fleeting respiratory efforts or gasps.

Any events that are filed with an inappropriate form should be refiled using an appropriate form for the event.

Examples

Example 1:

18. CAUSE/CONDITIONS CONTRIBUTING TO FETAL DEATH	
18a. INITIATING CAUSE/CONDITION (AMONG THE CHOICES BELOW, PLEASE SELECT THE ONE WHICH MOST LIKELY BEGAN THE SEQUENCE OF EVENTS RESULTING IN THE DEATH OF THE FETUS) Maternal Conditions/Diseases (Specify) <u>Maternal drug abuse</u> Complications of Placenta, Cord or Membranes <input type="checkbox"/> Rupture of membranes prior to onset of labor <input type="checkbox"/> Abruptio placenta <input type="checkbox"/> Placental insufficiency <input type="checkbox"/> Prolapsed cord <input type="checkbox"/> Chorioamnionitis <input type="checkbox"/> Other (Specify) Other Obstetrical or Pregnancy Complications (Specify) Fetal Anomaly (Specify) Fetal Injury (Specify) Fetal Infection (Specify) Other Fetal Conditions/Disorders (Specify) <input type="checkbox"/> Unknown	18b. OTHER SIGNIFICANT CAUSES OR CONDITIONS (SELECT OR SPECIFY ALL OTHER CONDITIONS CONTRIBUTING TO DEATH IN ITEM 18b) Maternal Conditions/Diseases (Specify) Complications of Placenta, Cord or Membranes <input type="checkbox"/> Rupture of membranes prior to onset of labor <input type="checkbox"/> Abruptio placenta <input type="checkbox"/> Placental insufficiency <input type="checkbox"/> Prolapsed cord <input type="checkbox"/> Chorioamnionitis <input type="checkbox"/> Other (Specify) Other Obstetrical or Pregnancy Complications (Specify) Fetal Anomaly (Specify) <u>Anencephaly</u> Fetal Injury (Specify) Fetal Infection (Specify) Other Fetal Conditions/Disorders (Specify) <input type="checkbox"/> Unknown

Code initiating cause to P04.4 Fetus affected by maternal use of drugs of addiction.

Example 2:

18. CAUSE/CONDITIONS CONTRIBUTING TO FETAL DEATH	
18a. INITIATING CAUSE/CONDITION (AMONG THE CHOICES BELOW, PLEASE SELECT THE ONE WHICH MOST LIKELY BEGAN THE SEQUENCE OF EVENTS RESULTING IN THE DEATH OF THE FETUS) Maternal Conditions/Diseases (Specify) Complications of Placenta, Cord or Membranes <input type="checkbox"/> Rupture of membranes prior to onset of labor <input type="checkbox"/> Abruptio placenta <input type="checkbox"/> Placental insufficiency <input type="checkbox"/> Prolapsed cord <input type="checkbox"/> Chorioamnionitis <input type="checkbox"/> Other (Specify) Other Obstetrical or Pregnancy Complications (Specify) Fetal Anomaly (Specify) Fetal Injury (Specify) Fetal Infection (Specify) Other Fetal Conditions/Disorders (Specify) <u>Asphyxia</u> <input type="checkbox"/> Unknown	18b. OTHER SIGNIFICANT CAUSES OR CONDITIONS (SELECT OR SPECIFY ALL OTHER CONDITIONS CONTRIBUTING TO DEATH IN ITEM 18b) Maternal Conditions/Diseases (Specify) <u>Homicide by stabbing</u> Complications of Placenta, Cord or Membranes <input type="checkbox"/> Rupture of membranes prior to onset of labor <input type="checkbox"/> Abruptio placenta <input type="checkbox"/> Placental insufficiency <input type="checkbox"/> Prolapsed cord <input type="checkbox"/> Chorioamnionitis <input type="checkbox"/> Other (Specify) Other Obstetrical or Pregnancy Complications (Specify) Fetal Anomaly (Specify) Fetal Injury (Specify) Fetal Infection (Specify) Other Fetal Conditions/Disorders (Specify) <input type="checkbox"/> Unknown

Code initiating cause to P00.5 Fetus affected by maternal injury

Example 3:

18. CAUSE/CONDITIONS CONTRIBUTING TO FETAL DEATH	
18a. INITIATING CAUSE/CONDITION (AMONG THE CHOICES BELOW, PLEASE SELECT THE ONE WHICH MOST LIKELY BEGAN THE SEQUENCE OF EVENTS RESULTING IN THE DEATH OF THE FETUS) <p>Maternal Conditions/Diseases (Specify) _____</p> <p>Complications of Placenta, Cord or Membranes <input type="checkbox"/> Rupture of membranes prior to onset of labor <input type="checkbox"/> Abruptio placenta <input type="checkbox"/> Placental insufficiency <input type="checkbox"/> Prolapsed cord <input type="checkbox"/> Chorioamnionitis <input type="checkbox"/> Other (Specify) _____</p> <p>Other Obstetrical or Pregnancy Complications (Specify) _____ <u> Triploidy syndrome, XXY</u> Fetal Injury (Specify) _____ Fetal Infection (Specify) _____</p> <p>Other Fetal Conditions/Disorders (Specify) _____ <input type="checkbox"/> Unknown</p>	18b. OTHER SIGNIFICANT CAUSES OR CONDITIONS (SELECT OR SPECIFY ALL OTHER CONDITIONS CONTRIBUTING TO DEATH IN ITEM 18b) <p>Maternal Conditions/Diseases (Specify) _____</p> <p>Complications of Placenta, Cord or Membranes <input type="checkbox"/> Rupture of membranes prior to onset of labor <input type="checkbox"/> Abruptio placenta <input type="checkbox"/> Placental insufficiency <input type="checkbox"/> Prolapsed cord <input type="checkbox"/> Chorioamnionitis <input type="checkbox"/> Other (Specify) _____</p> <p>Other Obstetrical or Pregnancy Complications (Specify) _____ Fetal Anomaly (Specify) _____</p> <p>Fetal Injury (Specify) _____ Fetal Infection (Specify) _____</p> <p>Other Fetal Conditions/Disorders (Specify) _____ <input type="checkbox"/> Unknown</p>

Code initiating cause to Q92.7 Triploidy and polyplodiy.

References

1. Model State Vital Statistics Act and Regulations, 1992 Revision, DHHS Publication No. (PHS). 94-1115.
2. Guidelines for Perinatal Care, Ed. 2, Washington, DC: ACOG. 1988. 308-324.

Table 1. ICD-10 Codes Valid for Initiating Causes of Fetal Death

A000	A165	A267	A448	A752	A921	B080	B340	B461	B651
A001	A167	A268	A449	A753	A922	B150	B341	B462	B652
A009	A168	A269	A46	A759	A923	B159	B342	B463	B653
A010	A169	A270	A480	A770	A924	B160	B343	B464	B658
A011	A170	A278	A482	A771	A928	B161	B344	B465	B659
A012	A171	A279	A483	A772	A929	B162	B348	B468	B660
A013	A178	A280	A484	A773	A930	B169	B349	B469	B661
A014	A179	A281	A488	A778	A931	B170	B380	B470	B662
A020	A180	A282	A490	A779	A932	B171	B381	B471	B663
A021	A181	A288	A491	A78	A938	B178	B382	B479	B664
A022	A182	A289	A492	A790	A94	B180	B383	B480	B665
A028	A183	A300	A493	A791	A950	B181	B384	B481	B668
A029	A184	A301	A498	A798	A951	B182	B387	B482	B669
A030	A185	A303	A499	A799	A959	B188	B388	B483	B670
A031	A186	A305	A500	A800	A960	B189	B389	B484	B671
A032	A187	A308	A502	A802	A961	B190	B390	B487	B672
A033	A188	A309	A503	A803	A962	B199	B391	B488	B673
A038	A190	A310	A504	A804	A968	B200	B392	B49	B674
A039	A191	A311	A505	A809	A969	B201	B393	B500	B675
A040	A192	A318	A509	A810	A980	B202	B394	B508	B676
A041	A198	A319	A540	A811	A981	B203	B395	B509	B677
A042	A199	A320	A541	A812	A982	B204	B399	B510	B678
A043	A200	A321	A542	A818	A983	B205	B400	B518	B679
A044	A201	A327	A543	A819	A984	B206	B401	B519	B680
A045	A202	A328	A544	A820	A985	B208	B402	B520	B681
A046	A203	A329	A545	A821	A988	B209	B403	B528	B689
A047	A207	A360	A546	A829	A99	B210	B407	B529	B690
A048	A208	A361	A548	A830	B000	B211	B408	B530	B691
A049	A209	A362	A549	A831	B001	B212	B409	B531	B698
A050	A210	A363	A600	A832	B002	B220	B410	B538	B699
A051	A211	A368	A601	A833	B003	B221	B417	B54	B700
A052	A212	A369	A609	A834	B004	B222	B418	B550	B701
A053	A213	A370	A65	A835	B005	B230	B419	B551	B710
A058	A217	A371	A660	A836	B007	B231	B420	B552	B711
A059	A218	A378	A661	A838	B008	B232	B421	B559	B718
A060	A219	A379	A662	A839	B009	B238	B427	B560	B719
A061	A220	A38	A663	A840	B010	B24	B428	B561	B72
A062	A221	A390	A664	A841	B011	B250	B429	B569	B73
A063	A222	A391	A665	A848	B012	B251	B430	B570	B740
A064	A227	A392	A666	A849	B018	B252	B431	B571	B741
A065	A228	A393	A667	A850	B019	B258	B432	B572	B743
A066	A229	A394	A669	A851	B020	B259	B438	B573	B744
A067	A230	A395	A670	A852	B021	B260	B439	B574	B748
A068	A231	A398	A671	A858	B022	B261	B440	B575	B749
A069	A232	A399	A673	A86	B023	B262	B441	B580	B75
A072	A233	A420	A679	A870	B027	B263	B442	B581	B760
A073	A238	A421	A680	A871	B028	B268	B447	B582	B761
A078	A239	A422	A681	A872	B029	B269	B448	B583	B768
A079	A240	A427	A689	A878	B03	B270	B449	B588	B769
A082	A241	A428	A690	A879	B04	B271	B450	B589	B770
A083	A242	A429	A691	A880	B050	B278	B451	B59	B778
A084	A243	A430	A692	A881	B051	B279	B452	B600	B779
A085	A244	A431	A698	A888	B052	B330	B453	B601	B780
A09	A250	A438	A699	A89	B053	B331	B457	B602	B781
A162	A251	A439	A70	A90	B054	B332	B458	B608	B787
A163	A259	A440	A750	A91	B058	B333	B459	B64	B789
A164	A260	A441	A751	A920	B059	B338	B460	B650	B79

B80	C059	C179	C349	C474	C620	C749	C911	D035	D131
B810	C060	C180	C37	C475	C621	C750	C912	D036	D132
B811	C061	C181	C380	C476	C629	C751	C913	D037	D133
B812	C062	C182	C381	C478	C630	C752	C914	D038	D134
B813	C068	C183	C382	C479	C631	C753	C915	D039	D135
B814	C069	C184	C383	C480	C632	C754	C917	D040	D136
B818	C07	C185	C384	C481	C637	C755	C919	D041	D137
B820	C080	C186	C388	C482	C638	C758	C920	D042	D139
B829	C081	C187	C390	C488	C639	C759	C921	D043	D140
B830	C088	C188	C398	C490	C64	C760	C922	D044	D141
B831	C089	C189	C399	C491	C65	C761	C923	D045	D142
B832	C090	C19	C400	C492	C66	C762	C924	D046	D143
B833	C091	C20	C401	C493	C670	C763	C925	D047	D144
B834	C098	C210	C402	C494	C671	C764	C927	D048	D150
B838	C099	C211	C403	C495	C672	C765	C929	D049	D151
B839	C100	C212	C408	C496	C673	C767	C930	D050	D152
B870	C101	C218	C409	C498	C674	C768	C931	D051	D157
B871	C102	C220	C410	C499	C675	C80	C932	D057	D160
B872	C103	C221	C411	C500	C676	C810	C937	D059	D161
B873	C104	C222	C412	C501	C677	C811	C939	D060	D162
B874	C108	C223	C413	C502	C678	C812	C940	D061	D163
B878	C109	C224	C414	C503	C679	C813	C941	D067	D164
B879	C110	C227	C419	C504	C680	C817	C942	D069	D165
B880	C111	C229	C430	C505	C681	C819	C943	D070	D166
B881	C112	C23	C431	C506	C688	C820	C944	D071	D167
B882	C113	C240	C432	C508	C689	C821	C945	D072	D168
B883	C118	C241	C433	C509	C690	C822	C947	D073	D169
B888	C119	C248	C434	C510	C691	C827	C950	D074	D170
B889	C12	C249	C435	C511	C692	C829	C951	D075	D171
B89	C130	C250	C436	C512	C693	C830	C952	D076	D172
B99	C131	C251	C437	C518	C694	C831	C957	D090	D173
C000	C132	C252	C438	C519	C695	C832	C959	D091	D174
C001	C138	C253	C439	C52	C696	C833	C960	D092	D175
C002	C139	C254	C440	C530	C698	C834	C961	D093	D176
C003	C140	C257	C441	C531	C699	C835	C962	D097	D177
C004	C142	C259	C442	C538	C700	C836	C963	D099	D179
C005	C148	C260	C443	C539	C701	C837	C967	D100	D180
C006	C150	C261	C444	C540	C709	C838	C969	D101	D181
C008	C151	C268	C445	C541	C710	C839	D000	D102	D190
C009	C152	C269	C446	C542	C711	C840	D001	D103	D191
C01	C153	C300	C447	C543	C712	C841	D002	D104	D197
C020	C154	C301	C448	C548	C713	C842	D010	D105	D199
C021	C155	C310	C449	C549	C714	C843	D011	D106	D200
C022	C158	C311	C450	C55	C715	C844	D012	D107	D201
C023	C159	C312	C451	C56	C716	C845	D013	D109	D210
C024	C160	C313	C452	C570	C717	C850	D014	D110	D211
C028	C161	C318	C457	C571	C718	C851	D015	D117	D212
C029	C162	C319	C459	C572	C719	C857	D017	D119	D213
C030	C163	C321	C460	C573	C720	C859	D019	D120	D214
C031	C164	C322	C461	C574	C721	C880	D020	D121	D215
C039	C165	C323	C462	C577	C722	C881	D021	D122	D216
C040	C166	C328	C463	C578	C723	C882	D022	D123	D219
C041	C168	C329	C467	C579	C724	C883	D023	D124	D220
C048	C169	C33	C468	C600	C725	C887	D024	D125	D221
C049	C170	C340	C469	C601	C728	C889	D030	D126	D222
C050	C171	C341	C470	C602	C729	C900	D031	D127	D223
C051	C172	C342	C471	C608	C73	C901	D032	D128	D224
C052	C173	C343	C472	C609	C740	C902	D033	D129	D225
C058	C178	C348	C473	C61	C741	C910	D034	D130	D226

D227	D350	D444	D569	D728	D862	E319	E789	G372	I308
D229	D351	D445	D570	D729	D863	E320	E791	G373	I309
D230	D352	D446	D571	D730	D868	E321	E798	G374	I319
D231	D353	D447	D572	D731	D869	E328	E799	G375	I330
D232	D354	D448	D573	D732	D890	E329	E800	G378	I339
D233	D355	D449	D578	D733	D891	E341	E801	G379	I400
D234	D356	D45	D580	D734	D892	E345	E802	G403	I409
D235	D357	D460	D581	D735	D898	E348	E803	G404	I424
D236	D358	D461	D582	D738	D899	E349	E804	G600	I460
D237	D359	D462	D588	D739	E000	E700	E805	G601	I461
D239	D360	D463	D589	D740	E001	E701	E806	G608	I469
D24	D361	D464	D590	D748	E002	E702	E807	G609	I600
D250	D367	D467	D591	D749	E009	E703	E830	G710	I601
D251	D369	D469	D592	D750	E030	E708	E831	G711	I602
D252	D370	D470	D593	D752	E031	E709	E832	G712	I603
D259	D371	D471	D594	D758	E071	E710	E833	G719	I604
D260	D372	D472	D595	D759	E079	E711	E838	G723	I605
D261	D373	D473	D596	D760	E15	E712	E839	G800	I606
D267	D374	D477	D598	D761	E160	E713	E840	G801	I607
D269	D375	D479	D599	D762	E161	E720	E841	G802	I608
D27	D376	D480	D600	D763	E163	E721	E848	G803	I609
D280	D377	D481	D601	D800	E168	E722	E849	G804	I630
D281	D379	D482	D608	D801	E169	E723	E850	G808	I631
D282	D380	D483	D609	D802	E200	E724	E851	G809	I632
D287	D381	D484	D610	D803	E201	E725	E852	G900	I633
D289	D382	D485	D611	D804	E208	E728	E853	G901	I634
D290	D383	D486	D612	D805	E209	E729	E854	G902	I635
D291	D384	D487	D613	D806	E210	E740	E858	G903	I636
D292	D385	D489	D618	D807	E213	E741	E859	G908	I638
D293	D386	D501	D619	D808	E214	E742	E880	G909	I639
D294	D390	D508	D640	D809	E215	E743	E881	G910	I780
D297	D391	D509	D641	D810	E221	E744	E882	G911	I789
D299	D397	D510	D642	D811	E228	E748	E888	G912	J100
D300	D399	D511	D643	D812	E229	E749	E889	G913	J101
D301	D400	D512	D644	D813	E230	E750	G000	G918	J108
D302	D401	D513	D648	D814	E233	E751	G001	G919	J110
D303	D407	D518	D649	D815	E236	E752	G002	G935	J111
D304	D409	D519	D66	D816	E237	E753	G003	G950	J118
D307	D410	D520	D67	D817	E240	E754	G008	G951	K400
D309	D411	D521	D680	D818	E241	E755	G009	G952	K401
D310	D412	D528	D681	D819	E243	E756	G030	G958	K402
D311	D413	D529	D682	D820	E248	E760	G038	G959	K403
D312	D414	D530	D683	D821	E249	E761	G039	I210	K404
D313	D417	D531	D684	D822	E250	E762	G040	I211	K409
D314	D419	D532	D688	D823	E258	E763	G041	I212	K410
D315	D420	D538	D689	D824	E259	E768	G042	I213	K411
D316	D421	D539	D690	D828	E260	E769	G048	I214	K412
D319	D429	D550	D691	D829	E268	E770	G120	I219	K413
D320	D430	D551	D692	D830	E269	E771	G121	I220	K414
D321	D431	D552	D693	D831	E270	E778	G122	I221	K419
D329	D432	D553	D694	D832	E271	E779	G128	I228	K420
D330	D433	D558	D695	D838	E272	E780	G129	I229	K421
D331	D434	D559	D696	D839	E274	E781	G318	I241	K429
D332	D437	D560	D698	D840	E275	E782	G319	I248	K430
D333	D439	D561	D699	D841	E278	E783	G361	I249	K431
D334	D440	D562	D70	D848	E279	E784	G368	I251	K439
D337	D441	D563	D71	D849	E310	E785	G369	I255	K450
D339	D442	D564	D720	D860	E311	E786	G370	I300	K451
D34	D443	D568	D721	D861	E318	E788	G371	I301	K458

K460	P008	P111	P253	P521	P742	Q048	Q162	Q245	Q335
K461	P009	P112	P258	P522	P743	Q049	Q163	Q246	Q336
K469	P010	P113	P260	P523	P744	Q050	Q164	Q248	Q338
K550	P011	P114	P261	P524	P745	Q051	Q165	Q249	Q339
K740	P012	P115	P268	P525	P748	Q052	Q169	Q250	Q340
K741	P013	P119	P269	P526	P749	Q053	Q170	Q251	Q341
K742	P014	P120	P270	P528	P760	Q054	Q171	Q252	Q348
K743	P015	P121	P271	P529	P768	Q055	Q172	Q253	Q349
K745	P016	P122	P278	P540	P769	Q056	Q173	Q254	Q351
K768	P017	P123	P279	P541	P77	Q057	Q174	Q255	Q353
K828	P018	P124	P280	P542	P780	Q058	Q175	Q256	Q355
K838	P019	P128	P281	P543	P781	Q059	Q178	Q257	Q356
M000	P020	P129	P285	P544	P782	Q060	Q179	Q258	Q357
M001	P021	P130	P288	P545	P783	Q061	Q180	Q259	Q359
M002	P022	P131	P289	P546	P788	Q062	Q181	Q260	Q360
M008	P023	P132	P290	P548	P789	Q063	Q182	Q261	Q361
M009	P024	P133	P291	P549	P830	Q064	Q183	Q262	Q369
M329	P025	P134	P292	P550	P831	Q068	Q184	Q263	Q370
M359	P026	P138	P294	P551	P832	Q069	Q185	Q264	Q371
M600	P027	P139	P298	P558	P833	Q070	Q186	Q265	Q372
M898	P028	P140	P299	P559	P910	Q078	Q187	Q266	Q373
N040	P029	P141	P350	P560	P911	Q079	Q188	Q268	Q374
N041	P030	P142	P351	P569	P912	Q100	Q189	Q269	Q375
N042	P031	P143	P352	P570	P914	Q101	Q200	Q270	Q378
N043	P032	P148	P353	P578	P915	Q102	Q201	Q271	Q379
N044	P033	P149	P358	P579	P918	Q103	Q202	Q272	Q380
N045	P034	P150	P359	P580	P919	Q104	Q203	Q273	Q381
N046	P035	P151	P360	P581	P940	Q105	Q204	Q274	Q382
N047	P036	P152	P361	P582	P941	Q106	Q205	Q278	Q383
N048	P038	P153	P362	P583	P942	Q107	Q206	Q279	Q384
N049	P039	P154	P363	P584	P948	Q110	Q208	Q280	Q385
N050	P040	P155	P364	P585	P949	Q111	Q210	Q281	Q386
N051	P041	P156	P365	P588	P95	Q112	Q211	Q282	Q387
N052	P042	P158	P368	P589	P960	Q113	Q212	Q283	Q388
N053	P043	P159	P369	P591	P961	Q120	Q213	Q288	Q390
N054	P044	P200	P370	P60	P962	Q121	Q214	Q289	Q391
N055	P045	P201	P371	P612	P963	Q122	Q218	Q300	Q392
N056	P046	P209	P372	P613	P965	Q123	Q219	Q301	Q393
N057	P048	P219	P373	P614	P968	Q124	Q220	Q302	Q394
N058	P049	P228	P374	P619	P969	Q128	Q221	Q303	Q395
N059	P050	P229	P375	P700	Q000	Q129	Q222	Q308	Q396
N070	P051	P230	P378	P701	Q001	Q130	Q223	Q309	Q398
N071	P052	P231	P379	P702	Q002	Q131	Q224	Q310	Q399
N072	P059	P232	P38	P703	Q010	Q132	Q225	Q311	Q400
N073	P070	P233	P392	P704	Q011	Q133	Q226	Q312	Q401
N074	P071	P234	P393	P708	Q012	Q134	Q228	Q313	Q402
N075	P072	P235	P394	P709	Q018	Q135	Q229	Q314	Q403
N076	P073	P236	P398	P711	Q019	Q138	Q230	Q318	Q408
N077	P080	P238	P399	P712	Q02	Q139	Q231	Q319	Q409
N078	P081	P239	P500	P713	Q030	Q140	Q232	Q320	Q410
N079	P082	P240	P501	P714	Q031	Q141	Q233	Q321	Q411
P000	P100	P241	P502	P718	Q038	Q142	Q234	Q322	Q412
P001	P101	P242	P503	P719	Q039	Q143	Q238	Q323	Q418
P002	P102	P243	P504	P720	Q040	Q148	Q239	Q324	Q419
P003	P103	P248	P505	P721	Q041	Q150	Q240	Q330	Q420
P004	P104	P249	P508	P722	Q042	Q158	Q241	Q331	Q421
P005	P108	P250	P509	P728	Q043	Q159	Q242	Q332	Q422
P006	P109	P251	P519	P729	Q045	Q160	Q243	Q333	Q423
P007	P110	P252	P520	P741	Q046	Q161	Q244	Q334	Q428

Q429	Q542	Q649	Q730	Q804	Q910	Q998	V196	V882	V946
Q430	Q543	Q652	Q731	Q808	Q911	Q999	V198	V883	V947
Q431	Q544	Q658	Q738	Q809	Q912	R75	V199	V884	V948
Q432	Q548	Q659	Q740	Q810	Q913	R780	V201	V885	V949
Q433	Q549	Q660	Q741	Q811	Q914	R781	V205	V886	V950
Q434	Q550	Q661	Q742	Q812	Q915	R782	V215	V887	V951
Q435	Q551	Q662	Q743	Q818	Q916	R783	V225	V888	V952
Q436	Q552	Q663	Q748	Q819	Q917	R784	V255	V889	V953
Q437	Q553	Q664	Q749	Q820	Q920	R785	V271	V890	V954
Q438	Q554	Q665	Q750	Q821	Q921	R786	V299	V891	V958
Q439	Q555	Q666	Q751	Q822	Q922	R787	V304	V892	V959
Q440	Q556	Q667	Q752	Q823	Q923	R788	V399	V899	V960
Q441	Q558	Q668	Q753	Q824	Q924	R789	V456	V900	V961
Q442	Q559	Q669	Q754	Q825	Q925	R830	V471	V901	V962
Q443	Q560	Q670	Q755	Q828	Q926	R831	V499	V902	V968
Q444	Q561	Q671	Q758	Q829	Q927	R832	V599	V903	V969
Q445	Q562	Q672	Q759	Q830	Q928	R833	V699	V904	V970
Q446	Q563	Q673	Q760	Q831	Q929	R834	V799	V905	V971
Q447	Q564	Q674	Q761	Q832	Q930	R835	V800	V906	V972
Q450	Q600	Q675	Q762	Q833	Q931	R836	V803	V907	V973
Q451	Q601	Q676	Q763	Q838	Q932	R837	V807	V908	V978
Q452	Q602	Q677	Q764	Q839	Q933	R838	V809	V909	V98
Q453	Q603	Q678	Q765	Q840	Q934	R839	V810	V910	V99
Q458	Q604	Q680	Q766	Q841	Q935	R840	V811	V911	W19
Q459	Q605	Q681	Q767	Q842	Q936	R841	V812	V912	W20
Q500	Q606	Q682	Q769	Q843	Q937	R842	V813	V913	W21
Q501	Q610	Q683	Q770	Q844	Q938	R843	V814	V914	W22
Q502	Q611	Q684	Q771	Q845	Q939	R844	V815	V915	W23
Q503	Q612	Q685	Q772	Q846	Q951	R845	V816	V916	W24
Q504	Q613	Q688	Q773	Q848	Q952	R846	V817	V917	W25
Q505	Q614	Q690	Q774	Q849	Q954	R847	V818	V918	W26
Q506	Q615	Q691	Q775	Q850	Q955	R848	V819	V919	W27
Q510	Q618	Q692	Q776	Q851	Q958	R849	V820	V920	W28
Q511	Q619	Q699	Q777	Q858	Q959	R850	V821	V921	W29
Q512	Q620	Q700	Q778	Q859	Q960	R851	V822	V922	W30
Q513	Q621	Q701	Q779	Q860	Q961	R852	V823	V923	W31
Q514	Q622	Q702	Q780	Q861	Q962	R853	V824	V924	W32
Q515	Q623	Q703	Q781	Q862	Q963	R854	V825	V925	W33
Q516	Q624	Q704	Q782	Q868	Q964	R855	V826	V926	W34
Q517	Q625	Q709	Q783	Q870	Q968	R856	V827	V927	W35
Q518	Q626	Q710	Q784	Q871	Q969	R857	V828	V928	W36
Q519	Q627	Q711	Q785	Q872	Q970	R858	V829	V929	W37
Q520	Q628	Q712	Q786	Q873	Q971	R859	V839	V930	W38
Q521	Q630	Q713	Q788	Q874	Q972	R99	V849	V931	W39
Q522	Q631	Q714	Q789	Q875	Q973	V060	V859	V932	W40
Q523	Q632	Q715	Q790	Q878	Q978	V061	V869	V933	W41
Q524	Q633	Q718	Q791	Q890	Q979	V069	V870	V934	W42
Q525	Q638	Q719	Q792	Q891	Q980	V090	V871	V935	W43
Q526	Q639	Q720	Q793	Q892	Q981	V091	V872	V936	W44
Q527	Q640	Q721	Q794	Q893	Q982	V092	V873	V937	W45
Q528	Q641	Q722	Q795	Q894	Q984	V093	V874	V938	W49
Q529	Q642	Q723	Q796	Q897	Q985	V099	V875	V939	W50
Q530	Q643	Q724	Q798	Q898	Q987	V190	V876	V940	W51
Q531	Q644	Q725	Q799	Q899	Q988	V191	V877	V941	W52
Q532	Q645	Q726	Q800	Q900	Q989	V192	V878	V942	W53
Q539	Q646	Q727	Q801	Q901	Q990	V193	V879	V943	W58
Q540	Q647	Q728	Q802	Q902	Q991	V194	V880	V944	W59
Q541	Q648	Q729	Q803	Q909	Q992	V195	V881	V945	W60

W64	W92	X26	X37	X48	X99	Y04	Y17	Y32	Y362
W74	W93	X27	X38	X49	X93	Y05	Y18	Y33	Y364
W83	W99	X28	X39	X53	X94	Y08	Y19	Y34	Y365
W84	X09	X29	X40	X54	X95	Y09	Y22	Y350	Y366
W85	X19	X30	X41	X57	X96	Y10	Y23	Y351	Y367
W86	X20	X31	X42	X58	X97	Y11	Y24	Y353	Y368
W87	X21	X32	X43	X59	X98	Y12	Y25	Y354	Y369
W88	X22	X33	X44	X85	Y00	Y13	Y26	Y356	
W89	X23	X34	X45	X88	Y01	Y14	Y27	Y357	
W90	X24	X35	X46	X89	Y02	Y15	Y28	Y360	
W91	X25	X36	X47	X90	Y03	Y16	Y29	Y361	

Table 2. Sex/Cause and Plurality/Cause Consistency Edits for ICD-10 Codes Valid for Initiating Cause of Fetal Death

ICD-10 code	Sex/plurality limitation	0-Conditional 1-Absolute <u>2-Not Applicable</u>			Edit code ¹
		Sex	Plurality		
B26.0	Male	1	2		10
C51.0	Female	1	2		11
C51.1	Female	1	2		11
C51.2	Female	1	2		11
C51.8	Female	1	2		11
C51.9	Female	1	2		11
C52	Female	1	2		11
C53.0	Female	1	2		11
C53.1	Female	1	2		11
C53.8	Female	1	2		11
C53.9	Female	1	2		11
C54.0	Female	1	2		11
C54.1	Female	1	2		11
C54.2	Female	1	2		11
C54.3	Female	1	2		11
C54.8	Female	1	2		11
C54.9	Female	1	2		11
C55	Female	1	2		11
C56	Female	1	2		11
C57.0	Female	1	2		11
C57.1	Female	1	2		11
C57.2	Female	1	2		11
C57.3	Female	1	2		11

0-Conditional
 1-Absolute
2-Not Applicable

ICD-10 code	Sex/plurality limitation	Sex	Plurality	Edit code ¹
C57.4	Female	1	2	11
C57.7	Female	1	2	11
C57.8	Female	1	2	11
C57.9	Female	1	2	11
C60.0	Male	1	2	10
C60.1	Male	1	2	10
C60.2	Male	1	2	10
C60.8	Male	1	2	10
C60.9	Male	1	2	10
C61	Male	1	2	10
C62.0	Male	1	2	10
C62.1	Male	1	2	10
C62.9	Male	1	2	10
C63.0	Male	1	2	10
C63.1	Male	1	2	10
C63.2	Male	1	2	10
C63.7	Male	1	2	10
C63.8	Male	1	2	10
C63.9	Male	1	2	10
D06.0	Female	1	2	11
D06.1	Female	1	2	11
D06.7	Female	1	2	11
D06.9	Female	1	2	11
D07.0	Female	1	2	11
D07.1	Female	1	2	11

0-Conditional
 1-Absolute
2-Not Applicable

ICD-10 code	Sex/plurality limitation	Sex	Plurality	Edit code ¹
D07.2	Female	1	2	11
D07.3	Female	1	2	11
D07.4	Male	1	2	10
D07.5	Male	1	2	10
D07.6	Male	1	2	10
D17.6	Male	1	2	10
D25.0	Female	1	2	11
D25.1	Female	1	2	11
D25.2	Female	1	2	11
D25.9	Female	1	2	11
D26.0	Female	1	2	11
D26.1	Female	1	2	11
D26.7	Female	1	2	11
D26.9	Female	1	2	11
D27	Female	1	2	11
D28.0	Female	1	2	11
D28.1	Female	1	2	11
D28.2	Female	1	2	11
D28.7	Female	1	2	11
D28.9	Female	1	2	11
D29.0	Male	1	2	10
D29.1	Male	1	2	10
D29.2	Male	1	2	10
D29.3	Male	1	2	10
D29.4	Male	1	2	10

0-Conditional
 1-Absolute
2-Not Applicable

ICD-10 code	Sex/plurality limitation	Sex	Plurality	Edit code ¹
D29.7	Male	1	2	10
D29.9	Male	1	2	10
D39.0	Female	1	2	11
D39.1	Female	1	2	11
D39.7	Female	1	2	11
D39.9	Female	1	2	11
D40.0	Male	1	2	10
D40.1	Male	1	2	10
D40.7	Male	1	2	10
D40.9	Male	1	2	10
P01.5	Plural	2	1	24
P54.6	Female	1	2	11
Q50.0	Female	1	2	11
Q50.1	Female	1	2	11
Q50.2	Female	1	2	11
Q50.3	Female	1	2	11
Q50.4	Female	1	2	11
Q50.5	Female	1	2	11
Q50.6	Female	1	2	11
Q51.0	Female	1	2	11
Q51.1	Female	1	2	11
Q51.2	Female	1	2	11
Q51.3	Female	1	2	11
Q51.4	Female	1	2	11
Q51.5	Female	1	2	11

0-Conditional
 1-Absolute
2-Not Applicable

ICD-10 code	Sex/plurality limitation	Sex	Plurality	Edit code ¹
Q51.6	Female	1	2	11
Q51.7	Female	1	2	11
Q51.8	Female	1	2	11
Q51.9	Female	1	2	11
Q52.0	Female	1	2	11
Q52.1	Female	1	2	11
Q52.2	Female	1	2	11
Q52.3	Female	1	2	11
Q52.4	Female	1	2	11
Q52.5	Female	1	2	11
Q52.6	Female	1	2	11
Q52.7	Female	1	2	11
Q52.8	Female	1	2	11
Q52.9	Female	1	2	11
Q53.0	Male	1	2	10
Q53.1	Male	1	2	10
Q53.2	Male	1	2	10
Q53.9	Male	1	2	10
Q54.0	Male	1	2	10
Q54.1	Male	1	2	10
Q54.2	Male	1	2	10
Q54.3	Male	1	2	10
Q54.4	Male	1	2	10
Q54.8	Male	1	2	10
Q54.9	Male	1	2	10

0-Conditional
 1-Absolute
2-Not Applicable

ICD-10 code	Sex/plurality limitation	Sex	Plurality	Edit code ¹
Q55.0	Male	1	2	10
Q55.1	Male	1	2	10
Q55.2	Male	1	2	10
Q55.3	Male	1	2	10
Q55.4	Male	1	2	10
Q55.5	Male	1	2	10
Q55.6	Male	1	2	10
Q55.8	Male	1	2	10
Q55.9	Male	1	2	10
Q89.4	Plural	2	1	24
Q96.0	Female	1	2	11
Q96.1	Female	1	2	11
Q96.2	Female	1	2	11
Q96.3	Female	1	2	11
Q96.4	Female	1	2	11
Q96.8	Female	1	2	11
Q96.9	Female	1	2	11
Q97.0	Female	1	2	11
Q97.1	Female	1	2	11
Q97.2	Female	1	2	11
Q97.3	Female	1	2	11
Q97.8	Female	1	2	11
Q97.9	Female	1	2	11
Q98.0	Male	1	2	10
Q98.1	Male	1	2	10

0-Conditional
 1-Absolute
2-Not Applicable

ICD-10 code	Sex/plurality limitation	Sex	Plurality	Edit code ¹
Q98.2	Male	1	2	10
Q98.4	Male	1	2	10
Q98.5	Male	1	2	10
Q98.6	Male	1	2	10
Q98.7	Male	1	2	10
Q98.8	Male	1	2	10
Q98.9	Male	1	2	10

¹ Edit codes may be useful for programming the sex/plurality limitations as follows:

Edit code	Limited to
10	Male
11	Female
24	Plural

(Tables 1 and 2 are taken from Tables L and M in Instruction manual, part 11)

Table 3. Terms Indicating Induced Abortions

1. Consensual Abortion
2. Convenience
3. Dilation and curettage (D & C)
4. Demand Abortion
5. Dilation and curettage for termination of pregnancy psychiatric indications (D & C for T. O. P.)
6. Dilation and evacuation (D & E)
7. Dilatation and suction curettage (D & SC)
8. Early uterine evacuation
9. Elective Abortion (E. A.)
10. Endometrial aspiration
11. Extra-amniotic injection
12. Hypersalinezation
13. Hysterotomy
14. Hysterectomy for termination of pregnancy (Hysterectomy)
15. Iatrogenic interruptions of pregnancy (Iatrogenic)
16. Inconvenience
17. Indicated Abortion Social Economic Reason
18. Induced Abortion
19. Induced by instrumentation prior to admission
20. Induced Preg. termination
21. Induced Termination of Pregnancy (ITOP)
22. Intentional termination of pregnancy
23. Interrupted first trimester
24. Interrupted pregnancy
25. Intra-amniotic injection
26. Intra-amniotic instillation
27. Intra-uterine prostaglandin instillation
28. Intra-uterine saline instillation
29. Laminaria
30. Legal Abortion
31. Legally induced abortion
32. Medically Induced Abortion
33. Medical Termination of Pregnancy
34. Menstrual Aspiration
35. Menstrual Extraction
36. Menstrual Induction
37. Menstrual Regulation
38. Oxytocin induction
39. Pitocin induction
40. Prophylactic Abortion
41. Prostaglandin Injection
42. Prostaglandin injection
43. Prostaglandin amniocentesis
44. Requested Abortion
45. Saline Induction (Saline) (salting out procedure) (salinezation)
46. Saline amniocentesis

- 47. Saline amnio-infusion
- 48. Saline amniotic fluid exchange
- 49. Septic Abortion
- 50. Septic criminal abortion
- 51. Sharp curettage
- 52. Sociologic termination
- 53. Suction Abortion
- 54. Suction Curettage (S. & C.)
- 55. Suction D & C
- 56. Sutting out procedure
- 57. Surgical Abortion (S. A.)
- 58. Surgical curettage
- 59. Surgical excision of pregnancy
- 60. Surgical Interruption of Pregnancy
- 61. Termination of Pregnancy
- 62. Therapeutic Abortion (T. A., ther ab, Tab)
- 63. Therapeutic Interruption (T. I.)
- 64. Undesired pregnancy
- 65. Vacuum Aspiration
- 66. Vacuum extraction
- 67. Vacuum induction
- 68. Vaginal suppository prostaglandin
- 69. Voluntary Abortion (V. A. or V. I. A.)
- 70. Voluntary Interruption of Pregnancy
- 71. Voluntary termination pregnancy (VTP)

(Table 3 is taken from Appendix H in Instruction manual, part 3B)