2004 Fetal Death Data Set

User's Guide

NOTE: THE RECORD LAYOUT OF THIS FILE HAS CHANGED SUBSTANTIALLY FROM 2002. USERS SHOULD REVIEW THE NEW LAYOUT CAREFULLY.

This file documentation was prepared in the Division of Vital Statistics by Martha Munson and Joyce Martin of the Reproductive Statistics Branch (RSB), and by Steven Steimel of the Systems, Programming, and Statistical Resources Branch (SPSRB). Thomas Dunn of SPSRB was responsible for coordinating the documentation. The Registration Methods Section and the Data Acquisition and Evaluation Branch provided consultation to State Vital Statistics offices regarding collection of birth and death certificate data.

Questions on the documentation or substantive questions concerning the data should be directed to the Reproductive Statistics Branch, Division of Vital Statistics, NCHS, 3311 Toledo Road, Hyattsville, MD 20782-2003 (301-458-4111).

Department of Health and Human Services
Centers for Disease Control and Prevention
National Center for Health Statistics
Division of Vital Statistics

2004 Fetal Death Data Set

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Introduction

Information on the US fetal death data tape file was abstracted from the Report of Fetal Death forms received in all the States and the District of Columbia, with a record on the data file for each report of a fetal death received. The data is provided to the National Center for Health Statistics (NCHS) through the Vital Statistics Cooperative Program by the registration offices of all States, the District of Columbia, and New York City. Fetal deaths for Puerto Rico and Guam are included a separate data set in the public-use file.

US Fetal death data are limited to deaths occurring within the United States to U.S. residents and nonresidents. Fetal deaths occurring to U.S. citizens outside the United States are not included in this data file. Fetal death data for Puerto Rico, and Guam are limited to deaths occurring within the respective territories.

In NCHS tabulations by place of residence, fetal deaths to nonresidents of the United States are excluded. The foreign resident records can be identified by code 4 in position 138 of the data file. In addition, the majority of fetal death tables published by NCHS include only those fetal deaths with stated or presumed gestation of 20 weeks or more (see the Technical Appendix). Those records identified with a code 2 in position 9 are included in these tabulations.

The geographic detail is restricted to counties and cities of 250,000 or more population based on the 2000 Census; metropolitan areas of 250,000 or more population based on the 2000 Census, are identified.

SYMBOLS USED IN TABLES

Symbol Explanation

--- Data not available
... Category not applicable
- Quantity zero
0.0 Quantity more than 0 but less than 0.05
* Figure does not meet standards of reliability or precision

2004 Fetal Death
Machine / File / Data Characteristics

All Files:

Machine used:	IBM/3081/K
Language used:	C++ / SAS
File organization:	Multiple files
Record format:	Blocked, Fixed Format
Record mode:	IBM/EBCDIC 8-Bit Code
Code scheme:	Numeric/Alphabetic/Blank
Last block:	May be a short block
Record length:	3350
Block size:	26,800

U.S. Set record count: 53,285

All fetal deaths:	United States
Record count:	53,285
By occurrence:	53,285
By residence:	53,174
To foreign residence:	111
Counts of 20 weeks and over:	
Record count:	25,706
By occurrence:	25,706
By residence:	25,655
To foreign residence:	51

PR, VI, & GU Set record count: 594

All fetal deaths:	Puerto Rico	Virgin Islands	Guam
Record count:	537	19	38
By occurrence:	537	19	38
By residence:	536	19	38
To foreign residence:	1	0	0
Counts of 20 weeks and over:			
Record count:	536	18	34
By occurrence:	536	18	34
By residence:	535	18	34
To foreign residence:	1	0	0

List of Data Elements and Locations

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Position	Len	Field	Description	Reporting Flag Position	Vers*	Values	Definition
1	6	FILLER	**Filler**			Blank	
7	1	VERSION	**Version**		R,U	A	State used the 2003 version of the US Standard Report of Fetal Death
						S	State used the 1989 version of the US Standard Report of Fetal Death
8	1	RECWT	**Record Weight**		R,U	1	
9	1	TABFLG	**Tabulation Flag**		R,U	1	Under 20 Weeks (exclude)
						2	20 Weeks or more (include)
10-14	5	FILLER	**Filler**			Blank	
15-18	4	DOD_YY	**Delivery Year**		R,U	2004	Year of delivery
19-20	2	DOD_MM	**Delivery Month**		R,U	01	January
						02	February
						03	March
						04	April
						05	May
						06	June
						07	July
						08	August
						09	September
						10	October
						11	November
						12	December
21	1	IMP_DODMM	**Delivery Month Imputed**		R,U	Blank	Not imputed
						1	Imputed
22-28	7	FILLER	**Filler**				Blank
29	1	DOD_WK	**Weekday**		R,U	1	Sunday
						2	Monday
						3	Tuesday
						4	Wednesday
						5	Thursday
						6	Friday

* For the Version column (Ver) the following codes apply:

R 2003 Version of US Standard Report of Fetal Death

U 1989 Version of US Standard Report of Fetal Death

Position	Len	Field	Description	Reporting Flag Position	Vers*	Values	Definition
						7	Saturday
30-31	2	OSTATE	**Occurrence Postal State** United States		R,U		
						AK	Alaska
						AL	Alabama
						AR	Arkansas
						AZ	Arizona
						CA	California
						CO	Colorado
						CT	Connecticut
						DE	Delaware
						DC	District of Columbia
						FL	Florida
						GA	Georgia
						HI	Hawaii
						ID	Idaho
						IL	Illinois
						IN	Indiana
						IA	Iowa
						KS	Kansas
						KY	Kentucky
						LA	Louisiana
						MA	Massachusetts
						MD	Maryland
						ME	Maine
						MI	Michigan
						MN	Minnesota
						MO	Missouri
						MS	Mississippi
						MT	Montana
						NC	North Carolina
						ND	North Dakota
						NE	Nebraska
						NH	New Hampshire
						NJ	New Jersey
						NM	New Mexico
						NV	Nevada
						NY	New York
						OH	Ohio
						OK	Oklahoma
						OR	Oregon

* For the Version column (Ver) the following codes apply:

R 2003 Version of US Standard Report of Fetal Death

U 1989 Version of US Standard Report of Fetal Death

Position	Len	Field	Description	Reporting Flag Position	Vers*	Values	Definition
						PA	Pennsylvania
						RI	Rhode Island
						SC	South Carolina
						SD	South Dakota
						TN	Tennessee
						TX	Texas
						UT	Utah
						VA	Virginia
						VT	Vermont
						WA	Washington
						WI	Wisconsin
						WV	West Virginia
						WY	Wyoming
			Possessions				
						GU	Guam
						PR	Puerto Rico
32-33	2	XOSTATE	**Expanded Occurrence Postal State**		R,U		
			United States			AK	Alaska
						AL	Alabama
						AR	Arkansas
						AZ	Arizona
						CA	California
						CO	Colorado
						CT	Connecticut
						DE	Delaware
						DC	District of Columbia
						FL	Florida
						GA	Georgia
						HI	Hawaii
						ID	Idaho
						IL	Illinois
						IN	Indiana
						IA	Iowa
						KS	Kansas
						KY	Kentucky
						LA	Louisiana
						MA	Massachusetts
						MD	Maryland

* For the Version column (Ver) the following codes apply:

R 2003 Version of US Standard Report of Fetal Death

U 1989 Version of US Standard Report of Fetal Death

Position	Len	Field	Description	Reporting Flag Position	Vers*	Values	Definition
						ME	Maine
						MI	Michigan
						MN	Minnesota
						MO	Missouri
						MS	Mississippi
						MT	Montana
						NC	North Carolina
						ND	North Dakota
						NE	Nebraska
						NH	New Hampshire
						NJ	New Jersey
						NM	New Mexico
						NV	Nevada
						NY	New York
						OH	Ohio
						OK	Oklahoma
						OR	Oregon
						PA	Pennsylvania
						RI	Rhode Island
						SC	South Carolina
						SD	South Dakota
						TN	Tennessee
						TX	Texas
						UT	Utah
						VA	Virginia
						VT	Vermont
						WA	Washington
						WI	Wisconsin
						WV	West Virginia
						WY	Wyoming
						YC	New York City
			Possessions				
						GU	Guam
						PR	Puerto Rico
34-36	3	FILLER	**Filler**				Blank
37-39	3	OCNTYFIPS	**Occurrence FIPS County**		R,U	000-nnn	County of Occurrence

* For the Version column (Ver) the following codes apply:

R 2003 Version of US Standard Report of Fetal Death

U 1989 Version of US Standard Report of Fetal Death

Position	Len	Field	Description	Reporting Flag Position	Vers*	Values	Definition
40	1	OCNTYPOP	**Occurrence County Pop**		R,U	0	County of 1,000,000 or more
						1	County of 500,000 to 1,000,000
						2	County of 250,000 to 500,000
						9	County less than 250,000
42	1	UBFACIL	**Delivery Place**		R,U	1	Hospital
						2	Freestanding Birthing Center
						3	Clinic / Doctor's Office
						4	Residence
						5	Other
						9	Unknown
43-58	16	FILLER	**Filler**			Blank	
59	1	BFACIL3	**Place Recode**		R,U	1	In Hospital
						2	Not in Hospital
60	5	FILLER	**Filler**			Blank	
65-86	22	FILLER	**Filler**			Blank	
87	1	MAGE_IMPFLG	**Mother's Age Imputed**		R,U	Blank	Age not imputed
						1	Age imputed
88	1	MAGE_REPFLG	**Reported Age of Mother Flag**		R,U	Blank	Reported age not used
						1	Reported age used
89-90	2	MAGER41	**Mother's Age Recode 41**		R,U	12	12 years and under
						13	13 years
						14	14 years
						15	15 years
						16	16years
						17	17 years
						18	18 years
						19	19 years
						20	20 years
						21	21years

* For the Version column (Ver) the following codes apply:

R 2003 Version of US Standard Report of Fetal Death

U 1989 Version of US Standard Report of Fetal Death

Position	Len	Field	Description	Reporting Flag Position	Vers*	Values	Definition
						22	22 years
						23	23 years
						24	24 years
						25	25years
						26	26 years
						27	27 years
						28	28 years
						29	29 years
						30	30 years
						31	31 years
						32	32years
						33	33 years
						34	34 years
						35	35 years
						36	36 years
						37	37 years
						38	38 years
						39	39 years
						40	40 years
						41	41 years
						42	42 years
						43	43 years
						44	44 years
						45	45 years
						46	46 years
						47	47 years
						48	48 years
						49	49 years
						50	50 years and over
91-92	2	MAGER14	**Mother's Age Recode 14**		R,U	01	Under 15 Years
						03	15 years
						04	16 years
						05	17 years
						06	18 years
						07	19 years
						08	20-24 years
						09	25-29 years
						10	30-34 years
						11	35-39 years
						12	40-44 years

* For the Version column (Ver) the following codes apply:

R 2003 Version of US Standard Report of Fetal Death

U 1989 Version of US Standard Report of Fetal Death

Position	Len	Field	Description	Reporting Flag Position	Vers*	Values	Definition
						13	45-49 years
						14	50-54 years
93	1	MAGER9	**Mother's Age Recode 9**		R,U	1	Under 15 years
						2	15-19 years
						3	20-24 years
						4	25-29 years
						5	30-34 years
						6	35-39 years
						7	40-44 years
						8	45-49 years
						9	50-54 years
94-97	2	FILLER	**Filler**			Blank	
98-99	2	MBSTATE	**Mother's Birth State**		R,U		
			United States			AK	Alaska
						AL	Alabama
						AR	Arkansas
						AZ	Arizona
						CA	California
						CO	Colorado
						CT	Connecticut
						DE	Delaware
						DC	District of Columbia
						FL	Florida
						GA	Georgia
						HI	Hawaii
						ID	Idaho
						IL	Illinois
						IN	Indiana
						IA	Iowa
						KS	Kansas
						KY	Kentucky
						LA	Louisiana
						MA	Massachusetts
						MD	Maryland
						ME	Maine
						MI	Michigan

* For the Version column (Ver) the following codes apply:

R 2003 Version of US Standard Report of Fetal Death

U 1989 Version of US Standard Report of Fetal Death

Position	Len	Field	Description	Reporting Flag Position	Vers*	Values	Definition
						MN	Minnesota
						MO	Missouri
						MS	Mississippi
						MT	Montana
						NC	North Carolina
						ND	North Dakota
						NE	Nebraska
						NH	New Hampshire
						NJ	New Jersey
						NM	New Mexico
						NV	Nevada
						NY	New York
						OH	Ohio
						OK	Oklahoma
						OR	Oregon
						PA	Pennsylvania
						RI	Rhode Island
						SC	South Carolina
						SD	South Dakota
						TN	Tennessee
						TX	Texas
						UT	Utah
						VA	Virginia
						VT	Vermont
						WA	Washington
						WI	Wisconsin
						WV	West Virginia
						WY	Wyoming
			Possessions				
						GU	Guam
						PR	Puerto Rico
			Canadian Provinces			AB	Alberta
						BC	British Columbia
						MB	Manitoba
						NB	New Brunswick
						NF	Newfoundland
						NT	Northwest Territories

* For the Version column (Ver) the following codes apply:

R 2003 Version of US Standard Report of Fetal Death

U 1989 Version of US Standard Report of Fetal Death

Position	Len	Field	Description	Reporting Flag Position	Vers*	Values	Definition
						NS	Nova Scotia
						NU	Nunavut
						ON	Ontario
						PE	Prince Edward Island
						QC	Quebec
						SK	Saskatchewan
						YT	Yukon Territory
			Foreign			CC	Canada
						CU	Cuba
						MX	Mexico
						YY	Rest of the World
						ZZ	Not Classifiable
100	1	MBSTATE_REC	**Mother's Birth State Recode**		R,U	1	Native born (50 US States)
						2	Foreign born (includes possessions)
						3	Unknown or Not Stated
101-106	6	FILLER	**Filler**			Blank	
107-108	2	XMRSTATE	**Expanded of Residence of Mother**		R,U		
			United States			AK	Alaska
						AL	Alabama
						AR	Arkansas
						AZ	Arizona
						CA	California
						CO	Colorado
						CT	Connecticut
						DE	Delaware
						DC	District of Columbia
						FL	Florida
						GA	Georgia
						HI	Hawaii
						ID	Idaho
						IL	Illinois
						IN	Indiana
						IA	Iowa
						KS	Kansas
						KY	Kentucky
						LA	Louisiana
						MA	Massachusetts

* For the Version column (Ver) the following codes apply:

R 2003 Version of US Standard Report of Fetal Death

U 1989 Version of US Standard Report of Fetal Death

Position	Len	Field	Description	Reporting Flag Position	Vers*	Values	Definition
						MD	Maryland
						ME	Maine
						MI	Michigan
						MN	Minnesota
						MO	Missouri
						MS	Mississippi
						MT	Montana
						NC	North Carolina
						ND	North Dakota
						NE	Nebraska
						NH	New Hampshire
						NJ	New Jersey
						NM	New Mexico
						NV	Nevada
						NY	New York
						OH	Ohio
						OK	Oklahoma
						OR	Oregon
						PA	Pennsylvania
						RI	Rhode Island
						SC	South Carolina
						SD	South Dakota
						TN	Tennessee
						TX	Texas
						UT	Utah
						VA	Virginia
						VT	Vermont
						WA	Washington
						WI	Wisconsin
						WV	West Virginia
						WY	Wyoming
						YC	New York City
			Possessions				
						GU	Guam
						PR	Puerto Rico
			Foreign			CC	Canada
						CU	Cuba
						MX	Mexico

* For the Version column (Ver) the following codes apply:

R 2003 Version of US Standard Report of Fetal Death

U 1989 Version of US Standard Report of Fetal Death

Position	Len	Field	Description	Reporting Flag Position	Vers*	Values	Definition
						XX	Not Applicable
						ZZ	Not Classifiable
109-110	2	MRSTATEPSTL	**Mother's Residence State**			R,U	
			United States			AK	Alaska
						AL	Alabama
						AR	Arkansas
						AZ	Arizona
						CA	California
						CO	Colorado
						CT	Connecticut
						DE	Delaware
						DC	District of Columbia
						FL	Florida
						GA	Georgia
						HI	Hawaii
						ID	Idaho
						IL	Illinois
						IN	Indiana
						IA	Iowa
						KS	Kansas
						KY	Kentucky
						LA	Louisiana
						MA	Massachusetts
						MD	Maryland
						ME	Maine
						MI	Michigan
						MN	Minnesota
						MO	Missouri
						MS	Mississippi
						MT	Montana
						NC	North Carolina
						ND	North Dakota
						NE	Nebraska
						NH	New Hampshire
						NJ	New Jersey
						NM	New Mexico
						NV	Nevada
						NY	New York
						OH	Ohio
						OK	Oklahoma

* For the Version column (Ver) the following codes apply:

R 2003 Version of US Standard Report of Fetal Death

U 1989 Version of US Standard Report of Fetal Death

Position	Len	Field	Description	Reporting Flag Position	Vers*	Values	Definition
						OR	Oregon
						PA	Pennsylvania
						RI	Rhode Island
						SC	South Carolina
						SD	South Dakota
						TN	Tennessee
						TX	Texas
						UT	Utah
						VA	Virginia
						VT	Vermont
						WA	Washington
						WI	Wisconsin
						WV	West Virginia
						WY	Wyoming
			Possessions				
						GU	Guam
						PR	Puerto Rico
			Foreign			CC	Canada
						CU	Cuba
						MX	Mexico
						XX	Not Applicable
						ZZ	Not Classifiable
111-113	3	FILLER	**Filler**			Blank	
114-116	3	MRCNTYFIPS	**Mother's FIPS County**		R,U	001-999	See Geographic Tables
						000	Foreign
117-119	3	FILLER	**Filler**			Blank	
120-124	5	MRCITYFIPS	**Mother's Residence City**		R,U	00001-99999	See Geographic Table
						00000	Foreign
125-126	2	CMSA	**Metro Statistical Areas**		R,U		
			United States			00	Not a CMSA
						07	Boston, Worchester, Lawrence, MA-NH-ME-CT, CMSA
						14	Chicago-Gary-Kenosha, IL-IN-WI, CMSA

* For the Version column (Ver) the following codes apply:

R 2003 Version of US Standard Report of Fetal Death

U 1989 Version of US Standard Report of Fetal Death

Position	Len	Field	Description	Reporting Flag Position	Vers*	Values	Definition
						21	Cincinnati-Hamilton, OH-KY-IN, CMSA
						28	Cleveland-Akron, OH, CMSA
						31	Dallas-Fort Worth, TX, CMSA
						34	Denver-Bolder-Greeley, CO, CMSA
						35	Detroit-Ann Arbor-Flint, MI, CMSA
						42	Houston-Galveston-Brazoria, TX, CMSA
						49	Los Angeles-Riverside-Orange County, CA, CMSA
						56	Miami-Fort Lauderdale, FL, CMSA
						63	Milwaukee-Racine, WI, CMSA
						70	New York-Northern New Jersey-Long Island, NY-NJ-CT-PA, CMSA
						77	Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, CMSA
						79	Portland-Salem, OR-WA, CMSA
						82	Sacramento-Yolo, CA, CMSA
						84	San Francisco-Oakland-San Jose, CA, CMSA
						91	Seattle-Tacoma-Bremerton, WA, CMSA
						97	Washington-Baltimore, DC-MD-VA-WV, CMSA
			Possessions			00	Not a CMSA
						87	San Juan-Caguas-Arecibo, PR, CMSA
127-130	4	MSA	**FIPS Statistical Areas**		R,U	0000	Nonmetropolitan counties or Foreign residence
						0040-9360, 9999 Code Range	
131	1	MSA_POP	**Population of Statistical Area**		R,U	1	Area of 250,000 or more
						9	Nonmetropolitan areas
						Z	Foreign resident
132	1	RCNTY_POP	**Population of Residence County**		R,U	0	County of 1,000,000 or more
						1	County of 500,000 to 1,000,000
						2	County of 250,000 to 500,000
						9	County less than 250,000
						Z	Foreign resident
133	1	RCITY_POP	**Population of Residence City**		R,U	0	City of 1,000,000 or more
						1	City of 500,000 to 1,000,000
						2	City of 250,000 to 500,000
						9	All other areas in the US
						Z	Foreign resident

* For the Version column (Ver) the following codes apply:

R 2003 Version of US Standard Report of Fetal Death

U 1989 Version of US Standard Report of Fetal Death

Position	Len	Field	Description	Reporting Flag Position	Vers*	Values	Definition
134	1	FILLER	**Filler**				Blank
135	1	METRORES	**Metropolitan Residence County**		R,U	1	Metropolitan County
						2	Nonmetropolitan County
						Z	Foreign resident
136	1	FILLER	**Filler**			Blank	
137	1	RECTYPE	**Record Type**		R,U	1	RESIDENT: State and county of occurrence and residence are the same.
						2	NONRESIDENT: State and county of occurrence and residence are different.
138	1	RESTATUS	**Residence Status**		R,U		
			United States			1	RESIDENT: State and county of occurrence and residence are the same.
						2	INTRASTATE NONRESIDENT: State of occurrence and residence are the same but county is different.
						3	INTERSTATE NONRESIDENT: State of occurrence and residence are different but both are one of the 50 US states or District of Columbia.
						4	FOREIGN RESIDENT: The state of residence is not one of the 50 US states or District of Columbia.
			Possessions			1	RESIDENT: State and county of occurrence and residence are the same. (Unique to Guam, all US residents are considered residents of Guam and thus are assigned 1.)
						2	INTRATERRITORY NONRESIDENT: Territory of occurrence and residence are the same but county is different.
						3	INTERTERRITORY RESIDENT: Territory of occurrence and residence are different but both are US Territories.
						4	FOREIGN RESIDENT: The residence is not a US Territory.
139-140	2	MBRACE	**Mother's Bridged Race**		Ru		
			"u" : 1989 Version of US Standard Birth Certificate, but this element conforms to the 2003 standards				
						01	White
						02	Black
						03	American Indian
						04	Asian Indian

* For the Version column (Ver) the following codes apply:

R 2003 Version of US Standard Report of Fetal Death

U 1989 Version of US Standard Report of Fetal Death

Position	Len	Field	Description	Reporting Flag Position	Vers*	Values	Definition
						05	Chinese
						06	Filipino
						07	Japanese
						08	Korean
						09	Vietnamese
						10	Other Asian
						11	Hawaiian
						12	Guamanian
						13	Samoan
						14	Other Pacific Islander
						21	Bridged White
						22	Bridged Black
						23	Bridged American Indian or Alaskan Native
						24	Bridged Asian or Pacific Islander
141-142	2	MRACE	**Mother's Race**		U		
			United States	783		01	White
						02	Black
						03	American Indian or Alaskan Natives
						04	Chinese
						05	Japanese
						06	Hawaiian (includes part Hawaiian)
						07	Filipino
						18	Asian Indian
						28	Korean
						38	Samoan
						48	Vietnamese
						58	Guamanian
						68	Other Asian or Pacific Islander in areas reporting codes 18-58.
						78	Combined other Asian or Pacific Islander, includes 18-68 for areas that do not report them separately.
			Puerto Rico			01	White
						02	Black
						00	Other races
			Guam			01	White
						02	Black

* For the Version column (Ver) the following codes apply:

R 2003 Version of US Standard Report of Fetal Death

U 1989 Version of US Standard Report of Fetal Death

Position	Len	Field	Description	Reporting Flag Position	Vers*	Values	Definition
						03	American Indian or Alaskan Natives
						04	Chinese
						05	Japanese
						06	Hawaiian (includes part Hawaiian)
						07	Filipino
						08	Other Asian or Pacific Islander
						58	Guamanian
			All other Territories			01	White
						02	Black
						03	American Indian or Alaskan Natives
						04	Chinese
						05	Japanese
						06	Hawaiian (includes part Hawaiian)
						07	Filipino
						08	Other Asian or Pacific Islander
143	1	MRACEREC	**Mother's Race Recode**	783	R,U		
			United States and non-Puerto Rican Territories			1	White
						2	Black
						3	American Indian or Alaskan Native
						4	Asian or Pacific Islander
			Puerto Rico			1	White
						2	Black
						0	Other (not classified as White or Black)
144	1	MRACEIMP	**Mother's Race Imputed**		R,U	Blank	Mother's race not imputed
						1	Unknown race imputed
						2	All other races, formerly coded 09, imputed.
145-147	3	MHISP	**Mother's Hispanic Origin (Revised)**				
				569	R	100-199	Non Hispanic
						200-209	Spaniard
						210-219	Mexican
						220	Central or South American
						221-230	Central American
						231-249	South American

* For the Version column (Ver) the following codes apply:

R 2003 Version of US Standard Report of Fetal Death

U 1989 Version of US Standard Report of Fetal Death

Position	Len	Field	Description	Reporting Flag Position	Vers*	Values	Definition
						250-259	Latin American
						260-269	Puerto Rican
						270-274	Cuban
						275-279	Dominican
						280-299	Other Spanish/Hispanic
						996-999	Unknown or not stated
148	1	UMHISP	**Mother's Hispanic Origin**				
				781	R,U	0	Non-Hispanic
						1	Mexican
						2	Puerto Rican
						3	Cuban
						4	Central or South American
						5	Other and Unknown Hispanic
						9	Origin unknown or not stated
149	1	MRACEHISP	**Mother's Race/Hispanic Origin**				
				781	R,U	1	Mexican
						2	Puerto Rican
						3	Cuban
						4	Central or South American
						5	Other and Unknown Hispanic
						6	Non-Hispanic White
						7	Non-Hispanic Black
						8	Non-Hispanic Other Races
						9	Origin unknown or not stated
150-152	3	FILLER	**Filler**			Blank	
153	1	MAR	**Mother's Marital Status**	780	R,U		
			United States & all non-Puerto Rican Territories			1	Yes
						2	No
						9	Unknown or not Stated
			Puerto Rico			1	Yes
						2	Unmarried parents living together
						3	Unmarried parents not living together
						9	Unknown or not stated
154	1	MAR_IMP	**Mother's Marital Status Imputed**		R,U	Blank	Marital Status not imputed
						1	Marital Status imputed

* For the Version column (Ver) the following codes apply:

R 2003 Version of US Standard Report of Fetal Death

U 1989 Version of US Standard Report of Fetal Death

Position	Len	Field	Description	Reporting Flag Position	Vers*	Values	Definition
155	1	MEDUC	**Mother's Educ –Revised**	571	R	1	8th grade or less
						2	9th through 12th grade with no diploma
						3	High school graduate or GED completed
						4	Some college credit, but not a degree.
						5	Associate degree (AA,AS)
						6	Bachelor's degree (BA, AB, BS)
						7	Master's degree (MA, MS, MEng, MEd, MSW, MBA)
						8	Doctorate (PhD, EdD) or Professional Degree (MD, DDS, DVM, LLB, JD)
						9	Unknown
156-157	2	UMEDUC	**Mother's Educ –Unrevised**	647	U	00	No formal education
						01-08	Years of elementary school
						09	1 year of high school
						10	2 years of high school
						11	3 years of high school
						12	4 years of high school
						13	1 year of college
						14	2 years of college
						15	3 years of college
						16	4 years of college
						17	5 or more years of college
						99	Not stated
158	1	MEDUC_REC	**Mother's Education Recode**	647	U	1	0 – 8 years
						2	9 – 11 years
						3	12 years
						4	13 – 15 years
						5	16 years and over
						6	Not stated
159-174	16	FILLER	**Filler**			Blank	
175	1	FAGERPT_FLG	**Father's Reported Age Used**		R,U	Blank	Father's reported age not used
						1	Father's reported age used
176-185	10	FILLER	**Filler**				Blank

* For the Version column (Ver) the following codes apply:

R 2003 Version of US Standard Report of Fetal Death

U 1989 Version of US Standard Report of Fetal Death

Position	Len	Field	Description	Reporting Flag Position	Vers*	Values	Definition
186-187	2	FAGEREC11	**Father's Age Recode 11**	786	R,U	01	Under 15 years
						02	15-19 years
						03	20-24 years
						04	25-29 years
						05	30-34 years
						06	35-39 years
						07	40-44 years
						08	45-49 years
						09	50-54 years
						10	55-98 years
						11	Not stated
188-189	2	FILLER	**Filler**			Blank	
190	1	FRACEIMP	**Father's Race Imputed**		U	(Unknown race of father is not imputed. However, the all other races code is changed to Unknown.)	
						Blank	Race is not changed
						3	All other races, formerly code 09, Is changed to code 99
191	1	FRACEREC	**Father's Race Recode**	784	U		
			United States and non-Puerto Rican Territories			1	White
						2	Black
						3	American Indian or Alaskan Native
						4	Asian or Pacific Islander
						9	Unknown or not stated
			Puerto Rico			1	White
						2	Black
						9	Unknown or not stated
						0	Other (not classified as White or Black)
192-194	3	FILLER	**Filler**		U	Blank	
195	1	UFHISP	**Father's Hispanic Origin-Unrevised**	782	U	0	Non-Hispanic
						1	Mexican
						2	Puerto Rican
						3	Cuban

* For the Version column (Ver) the following codes apply:

R 2003 Version of US Standard Report of Fetal Death

U 1989 Version of US Standard Report of Fetal Death

Position	Len	Field	Description	Reporting Flag Position	Vers*	Values	Definition
						4	Central or South American
						5	Other and Unknown Hispanic
						9	Origin unknown or not stated
196	1	FRACEHISP	**Father's Race/Hisp Origin**	782	U	1	Mexican
						2	Puerto Rican
						3	Cuban
						4	Central or South American
						5	Other and Unknown Hispanic
						6	Non-Hispanic White
						7	Non-Hispanic Black
						8	Non-Hispanic Other Races
						9	Origin unknown or not stated
197-8	2	FEDUC	**Father's Education**	785	U	00	No formal education
						01-08	Years of elementary school
						09	1 year of high school
						10	2 years of high school.
						11	3 years of high school
						12	4 years of high school
						13	1 year of college
						14	2 years of college
						15	3 years of college
						16	4 years of college
						17	5 of more years of college
						99	Not stated
199-200	2	UFRACE	**Father's Race (Unrevised)** United States	784	U		
						01	White
						02	Black
						03	American Indian & Alaskan Natives
						04	Chinese
						05	Japanese
						06	Hawaiian (includes part Hawaiian)
						07	Filipino
						18	Asian Indian
						28	Korean
						38	Samoan
						48	Vietnamese
						58	Guamanian

* For the Version column (Ver) the following codes apply:

R 2003 Version of US Standard Report of Fetal Death

U 1989 Version of US Standard Report of Fetal Death

Position	Len	Field	Description	Reporting Flag Position	Vers*	Values	Definition
						68	Other Asian or Pacific Islander in areas reporting codes 18-58.
						78	Combined other Asian or Pacific Islander, includes 18-68 for areas that do not report them separately.
						99	Unknown or not stated
			Puerto Rico			01	White
						03	Black
						00	Other races not classified white or black
						99	Unknown or not stated
			Guam			01	White
						02	Black
						03	American Indian & Alaskan Natives
						04	Chinese
						05	Japanese
						06	Hawaiian (includes part Hawaiian)
						07	Filipino
						08	Other Asian or Pacific Islander
						58	Guamanian
						99	Unknown or not stated
201-203	3	FILLER	**Filler**			Blank	
204-205	2	PRIORLIVE	**Prior Births Now Living**		R,U	00-30	Number of children still living from previous live births.
						99	Unknown or not stated
206-207	2	PRIORDEAD	**Prior Births Now Dead**		R,U	00-30	Number of children dead from previous live births.
						99	Unknown or not stated
208-209	2	PRIORTERM	**Prior Other Terminations**		R,U	00-30	Number other terminations
						99	Unknown or not stated
210-211	2	LBO	**'Live Birth' Order**		R,U	00-31	Sum of all previous live births
						99	Unknown or not stated

* For the Version column (Ver) the following codes apply:

R 2003 Version of US Standard Report of Fetal Death

U 1989 Version of US Standard Report of Fetal Death

Position	Len	Field	Description	Reporting Flag Position	Vers*	Values	Definition
212	1	LBO_REC	**'Live Birth' Order Recode**		R,U	0-7 8 9	Number of live birth order. 8 or more live births Unknown or not stated
213-214	2	FILLER	**Filler**			Blank	
215-216	2	TBO	**Total 'Birth' Order**		R,U	01-40 99	Sum of all previous pregnancies plus this fetal death Unknown or not stated
217	1	TBO_REC	**Total 'Birth' Order Recode**		R,U	1-7 8 9	Number total pregnancies. 8 or more pregnancies Unknown or not stated
218-219	2	FILLER	**Filler**				Blank
220-221	2	DLLB_MM	**Date of Last Live Birth Month**	787	R,U	01 02 03 04 05 06 07 08 09 10 11 12 88 99	January February March April May June July August September October November December Not applicable Unknown or not stated
222-225	4	DLLB_YY	**Date of Last Live Birth Year**	788	R,U	nnnn 8888 9999	Year of last live birth Not applicable Unknown or not stated
226-244	19	FILLER	**Filler**			Blank	
245-246	2	PRECARE	**Month Prenatal Care Began (Revised)**				

* For the Version column (Ver) the following codes apply:

R 2003 Version of US Standard Report of Fetal Death

U 1989 Version of US Standard Report of Fetal Death

Position	Len	Field	Description	Reporting Flag Position	Vers*	Values	Definition
				668	R	00	No prenatal care
						01-10	Month prenatal care began
						99	Unknown or not stated
247	1	PRECARE_REC	**Month Prenatal Care Began Recode (Revised)**				
				668	R	1	1st to 3rd month
						2	4th to 6th month
						3	7th to final month
						4	No prenatal care
						5	Unknown or not stated
248-255	8	FILLER	**Filler**			Blank	
256-257	2	MPCB	**Month Prenatal Care Began (Unrevised)**				
				669	U	00	No prenatal care
						01-10	Month prenatal care began
						99	Unknown or not stated
258	1	MPCB_REC6	**Month Prenatal Care Began Recode 6 (Unrevised)**				
				669	U	1	1st to 2nd month
						2	3rd month
						3	4th to 6th month
						4	7th to final month
						5	No prenatal care
						6	Unknown or not stated
259	1	MPCB_REC5	**Month Prenatal Care Began Recode 5 (Unrevised)**				
				669	U	1	1st trimester (1st to 3rd month)
						2	2nd trimester (4th to 6th month)
						3	3rd trimester (7th to final month)
						4	No prenatal care
						5	Unknown or not stated
260-269	10	FILLER	**Filler**			Blank	
270-271	2	UPREVIS	**Number of Prenatal Visits**		R.U	00-49	Number of prenatal visits
				792		99	Unknown or not stated
272-273	2	PREVIS_REC	**Number of Prenatal Visits Recode**		R,U	01	No visits
				792		02	1 to 2 visits
						03	3 to 4 visits

* For the Version column (Ver) the following codes apply:

R 2003 Version of US Standard Report of Fetal Death

U 1989 Version of US Standard Report of Fetal Death

Position	Len	Field	Description	Reporting Flag Position	Vers*	Values	Definition
						04	5 to 6 visits
						05	7 to 8 visits
						06	9 to 10 visits
						07	11 to 12 visits
						08	13 to 14 visits
						09	15 to 16 visits
						10	17 to 18 visits
						11	19 or more visits
						12	Unknown or not stated
274-275	2	FILLER	**Filler**			Blank	
276-277	2	WTGAIN	**Weight Gain**	648	R,U	00-97	Weight gain in pounds
						98	98 pounds and over
						99	Unknown or not stated
278	1	WTGAIN_REC	**Weight Gain Recode**	648	R,U	1	Less than 10 pounds
						2	10 to 14 pounds
						3	15 to 19 pounds
						4	20 to 24 pounds
						5	25 to 29 pounds
						6	30 to 34 pounds
						7	35 or more pounds
						8	Unknown or not stated
279-281	3	FILLER	**Filler**			Blank	
282-283	2	CIG_0	**Cigarettes Before Pregnancy**	672	R	00-97	Number of cigarettes daily
						98	98 or more cigarettes daily
						99	Unknown or not stated
284-285	2	CIG_1	**Cigarettes 1st Trimester**	673	R	00-97	Number of cigarettes daily
						98	98 or more cigarettes daily
						99	Unknown or not stated
286-287	2	CIG_2	**Cigarettes 2nd Trimester**	674	R	00-97	Number of cigarettes daily
						98	98 or more cigarettes daily
						99	Unknown or not stated
288-289	2	CIG_3	**Cigarettes 3rd Trimester**	675	R	00-97	Number of cigarettes daily
						98	98 or more cigarettes daily

* For the Version column (Ver) the following codes apply:

R 2003 Version of US Standard Report of Fetal Death

U 1989 Version of US Standard Report of Fetal Death

Position	Len	Field	Description	Reporting Flag Position	Vers*	Values	Definition
						99	Unknown or not stated
290	1	TOBUSE	**Tobacco Use**	667	U	1	Yes
						2	No
						9	Unknown or not stated
291-292	2	CIGS	**Cigarettes per Day**	794	U	00-97	Number of cigarettes daily
						98	98 or more cigarettes daily
						99	Unknown or not stated
293	1	UCIG_REC6	**Cigarette Recode (Unrevised)**	794	U	0	Non-smoker
						1	1 to 5 cigarettes daily
						2	6 to 10 cigarettes daily
						3	11 to 20 cigarettes daily
						4	21 to 40 cigarettes daily
						5	41 or more cigarettes daily
						6	Unknown or not stated
294	1	CIG_REC	**Cigarette Recode (Revised)**	575	R	Y	Yes
						N	No
						U	Unknown or not stated
295	1	ALCOHOL	**Alcohol Use**	649	U	1	Yes
						2	No
						9	Unknown or not stated
296-297	2	DRINKS	**Drinks per Week**	796	U	00-97	Number of drinks weekly
						98	98 or more drinks weekly
						99	Unknown or not stated
298	1	DRINKS_REC	**Drinks Recode**	796	U	0	Non drinker
						1	1 drink per week
						2	2 drinks per week
						3	3-4 drinks per week
						4	5 or more drinks per week
						5	Unknown or not stated
299-327	29	FILLER	**Filler**			Blank	
328-344	17	**Risk Factors (Unrevised)**			U		

* For the Version column (Ver) the following codes apply:

R 2003 Version of US Standard Report of Fetal Death

U 1989 Version of US Standard Report of Fetal Death

Position	Len	Field	Description	Reporting Flag Position	Vers*	Values	Definition
		The checkbox items indented below follow this structure: The version is based on the 1989 Standard unless otherwise noted.				1 2 8 9	Yes No Not on report Unknown
328	1	URF_ANEMIA	Anemia	681			
329	1	URF_CARDC	Cardiac	682			
330	1	URF_LUNG	Acute or Chronic Lung Disease	683			
331	1	URF_DIAB	Diabetes	684	R,U		
332	1	URF_GEN	Genital Herpes	685			
333	1	URF_HYDR	Hydramnios / Oligohydramnios	686			
334	1	URF_HEMO	Hemoglobinopathy	687			
335	1	URF_CHYPER	Chronic Hypertension	688	R,U		
336	1	URF_PHYPER	Prepregnacy Associated Hypertension	689	R,U		
337	1	URF_ECLAM	Eclampsia	690	R,U		
338	1	URF_INCERV	Incompetent Cervix	691			
339	1	URF_PRE4000	Previous Infant 4000+ Grams	692			
340	1	URF_PRETERM	Previous Preterm Small for Gestation	693			
341	1	URF_RENAL	Renal Disease	694			
342	1	URF_RH	Rh Sensitization	695			
343	1	URF_UTERINE	Uterine Bleeding	696			
344	1	URF_OTHER	Other medical risk factors	697			
345-354	10	FILLER	**Filler**			Blank	
		Obstetric Procedures					
355-361	7				U		
		The checkbox items indented below follow this structure: The version is based one the 1989 Standard unless otherwise noted.				1 2 9	Yes No Not stated
355	1	UOB_AMINO	Amniocentesis	701			
356	1	UOB_MONITOR	Electronic Fetal Monitoring	702			
357	1	UOB_INDUC	Induction of Labor	703			
358	1	UOB_STIMULA	Stimulation of Labor	704			
359	1	UOB_TOCOL	Tocolysis	705			
360	1	UOB_ULTRA	Ultrasound	706			
361	1	UOB_OTHER	Other Obstetric Procedures	707			

* For the Version column (Ver) the following codes apply:

R 2003 Version of US Standard Report of Fetal Death

U 1989 Version of US Standard Report of Fetal Death

Position	Len	Field	Description	Reporting Flag Position	Vers*	Values	Definition
362-373	12	FILLER	**Filler**			Blank	
374-389	16	**Complications of Labor & Delivery**			U		
		The checkbox items indented below follow this structure:				1	Yes
		The version is based on the 1989 Standard unless otherwise noted.				2	No
						9	Not stated
374	1	ULD_FEBR	Febrile	711			
375	1	ULD_MECON	Meconium	712	R,U		
376	1	ULD_RUPTURE	Premature Rupture of Membrane	713			
377	1	ULD_ABRUPTIO	Abruptio Placenta	714			
378	1	ULD_PREPLACE	Placenta Previa	715			
379	1	ULD_EXCEBLE	Other Excessive Bleeding	716			
380	1	ULD_SEIZURE	Seizures During Labor	717			
381	1	ULD_PRECIP	Precipitous Labor	718	R,U		
382	1	ULD_PROLONG	Prolonged Labor	719			
383	1	ULD_DYSFUN	Dysfunctional Labor	720			
384	1	ULD_BREECH	Breech	721	R,U		
385	1	ULD_CEPHALO	Cephalopelvic Disproportion	722			
386	1	ULD_CORD	Cord Prolapse	723			
387	1	ULD_ANESTHE	Anesthetic Complications	724			
388	1	ULD_DISTRESS	Fetal Distress	725			
389	1	ULD_OTHERLB	Other Complications of L&D	797			
390-395	6	FILLER	**Filler**			Blank	
396-402	6	**Method of Delivery**					
		The checkbox items indented below follow this structure:			R,U	1	Yes
						2	No
						9	Unknown or not stated
396	1	UME_VAG	Vaginal	730			
397	1	UME_VBAC	Vaginal after C-Section	731			
398	1	UME_PRIMC	Primary C-Section	732			
399	1	UME_REPEC	Repeat C-Section	733			
400	1	UME_FORCP	Forceps	734			
401	1	UME_VAC	Vacuum	735			

* For the Version column (Ver) the following codes apply:

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U 1989 Version of US Standard Report of Fetal Death

Position	Len	Field	Description	Reporting Flag Position	Vers*	Values	Definition
402	1	UME_HYSTER	Hysterectomy	797			
403	1	DMETH_REC	**Delivery Method Recode**		R,U	1	Vaginal (excludes vaginal after previous C-section)
						2	Vaginal after previous c-section
						3	Primary C-section
						4	Repeat C-section
						5	Not stated
						6	Vaginal (unknown if previous c-section) (2003 Revision of Report of Fetal Death, only)
						7	C-section (unknown if previous c-section) (2003 Revision of Report of Fetal Death, only)
404-409	6	FILLER	**Filler**			Blank	
410	1	ATTEND	**Attendant**		R,U	1	Doctor of Medicine (MD)
						2	Doctor of Osteopathy (DO)
						3	Certified Nurse Midwife (CNM)
						4	Other Midwife
						5	Other
						9	Unknown or not stated
411-422	12	FILLER	**Filler**			Blank	
423	1	DPLURAL	**Plurality Recode**		R,U	1	Single
						2	Twin
						3	Triplet
						4	Quadruplet
						5	Quintuplet or higher
424	1	FILLER	**Filler**			Blank	
425	1	IMP_PLUR	**Plurality Imputed**		R,U	Blank	Plurality is imputed
						1	Plurality is not imputed
426-435	10	FILLER	**Filler**			Blank	

* For the Version column (Ver) the following codes apply:

R 2003 Version of US Standard Report of Fetal Death

U 1989 Version of US Standard Report of Fetal Death

Position	Len	Field	Description	Reporting Flag Position	Vers*	Values	Definition
Note: The sex variable is correct for fetal deaths of 20 weeks or more, but should not be used for fetal deaths of less than 20 weeks of gestation. Due to a programming error, not stated sex was imputed and not flagged for fetal deaths of less than 20 weeks of gestation in the 2003 and 2004 fetal death files.							
436	1	SEX	**Sex of fetus**		R,U	M	Male
						F	Female
437	1	IMP_SEX	**Imputed Sex**		R,U	Blank	Fetus sex not imputed
						1	Fetus sex is imputed
438-439	2	DLMP_MM	**Last Normal Menses Month**	789	R,U	01	January
						02	February
						03	March
						04	April
						05	May
						06	June
						07	July
						08	August
						09	September
						10	October
						11	November
						12	December
						99	Unknown or not stated
440-441	2	DLMP_DO	**Last Normal Menses- Day**	790	R,U	01-31	As applicable to month of LMP
						99	Unknown, not stated
442-445	4	DLMP_YY	**Year of Last Normal Menses Began**	791	R,U	nnnn	Year of last normal menses
						9999	Unknown or not stated
446-447	2	OBGEST	**Obstetric Clinical Gestation Estimated**	793	R,U	0-98	Reported Obstetric estimate of gestation
						02-47	Accepted range of Clinical estimate of gestation
						99	Unknown or not stated
448-450	3	FILLER	**Filler**			Blank	
451-452	2	COMBGEST	**Gestation – Detail in Weeks**		R,U	02-47	2nd through 47th week of Gestation
						99	Unknown
453-454	2	GESTREC12	**Gestation Recode 12**		R,U	01	Under 16 weeks
						02	16-19 weeks
						03	20-23 weeks
						04	24-27 weeks
						05	28-31 weeks

* For the Version column (Ver) the following codes apply:

R 2003 Version of US Standard Report of Fetal Death

U 1989 Version of US Standard Report of Fetal Death

Position	Len	Field	Description	Reporting Flag Position	Vers*	Values	Definition
						06	32-35 weeks
						07	36 weeks
						08	37-39 weeks
						09	40 weeks
						10	41 weeks
						11	42 weeks and over
						12	Unknown
455	1	GESTREC5	**Gestation Recode 5**		R,U	1	Under 20 weeks
						2	20-23 weeks
						3	24-27 weeks
						4	28 weeks and over
						5	Unknown
456	1	OBGEST_FLG	**Clinical Estimate of Gestation Used Flag**		R,U	Blank	Clinical Estimate is not used
						1	Clinical Estimate is used
457	1	GEST_IMP	**Gestation Imputed Flag**		R,U	Blank	Gestation is not imputed
						1	Gestation is imputed
458-462	4	FILLER	**Filler**			Blank	
463-466	4	DBWT	**Weight of Fetus – Detail in Grams (Edited)**		R,U	0001-8165	Number of grams
						9999	Not stated of fetus weight
467-470	4	FILLER	**Filler**			Blank	
471-472	2	BWTR14	**Weight of Fetus Recode 14**		R,U	01	0249 grams or less
						02	0250 – 0349 grams
						03	0350 – 0499 grams
						04	0500 – 0999 grams
						05	1000 – 1499 grams
						06	1500 – 1999 grams
						07	2000 – 2499 grams
						08	2500 – 2999 grams
						09	3000 – 3499 grams
						10	3500 – 3999 grams

* For the Version column (Ver) the following codes apply:

R 2003 Version of US Standard Report of Fetal Death

U 1989 Version of US Standard Report of Fetal Death

Position	Len	Field	Description	Reporting Flag Position	Vers*	Values	Definition
						11	4000 – 4499 grams
						12	4500 – 4999 grams
						13	5000 – 8165 grams
						14	Unknown or Not Stated
473	1	BWTR4	**Weight of Fetus Recode 4**		R,U	1	1499 grams or less
						1	1500 – 2499 grams
						2	2500 - 8165 grams
						3	Unknown or not stated
474-503	30	FILLER	**Filler**			Blank	
504-525	22	**Congenital Anomalies of the Fetus**			U		
		The checkbox items indented below follow this structure:				1	Anomaly reported
		The version is based on the 1989 Standard unless otherwise noted.				2	Anomaly not reported
						9	Anomaly not classifiable
504	1	UCA_ANEN	Anencephalus	752	R,U		
505	1	UCA_SPINA	Spina Bifida / Meningocele	753	R,U		
506	1	UCA_HYDRO	Hydrocephalus	754			
507	1	UCA_MICRO	Microcephalus	755			
508	1	UCA_NERV	Other Central Nervous System Anomalies	756			
509	1	UCA_HEART	Heart Malformations	757			
510	1	UCA_CIRC	Other Circulatory / Respiration Anomalies	758			
511	1	UCA_RECTAL	Rectal Atresia / Stenosis	759			
512	1	UCA_TRACH	Tracheo-Esophageal Fistula	760			
513	1	UCA_OMPHA	Omphalocele / Gastroschisis	761	R,U		
514	1	UCA_GASTRO	Other Gastrointestinal Anomalies	762			
515	1	UCA_GENITAL	Malformed Genitalia	763			
516	1	UCA_RENAL	Renal Agenesis	764			
517	1	UCA_UROGEN	Other Urogenital Anomalies	765			
518	1	UCA_CLEFTLP	Cleft Lip / Palate	766	R,U		

* For the Version column (Ver) the following codes apply:

R 2003 Version of US Standard Report of Fetal Death

U 1989 Version of US Standard Report of Fetal Death

Position	Len	Field	Description	Reporting Flag Position	Vers*	Values	Definition
519	1	UCA_ADACTY	Polydactyly / Syndactyly / Adactyly	767			
520	1	UCA_CLUBFT	Club Foot	768			
521	1	UCA_HERNIA	Diaphragmatic Hernia	769			
522	1	UCA_MUSCU	Other Musculoskeletal Anomalies	770			
523	1	UCA_DOWNS	Downs Syndrome ```	771	R,U		
524	1	UCA_CHROM	Other Chromosomal Anomalies	772			
525	1	UCA_OTHER	Other Congenital Anomalies	773			
526-568	43	FILLER	**Filler**			Blank	
		Flag File for Reporting Flags					
		The reporting flags indented below follow this coding structure:				0	Not reporting
						1	Reporting
569	1	F_MORIGIN	Origin of Mother		R, U		
570	1	FILLER	**Filler**			Blank	
571	1	F_MEDUC	Education of Mother (revised)		R		
572-574	3	FILLER	**Filler**			Blank	
575	1	F_TOBACO	Tobacco use (revised)		R		
576-646	71	FILLER	**Filler**			Blank	
647	1	F_MED	Mother's Education (unrevised)		U		
648	1	F_WTGAIN	Weight gain		R,U		
649	1	F_ALCOL	Alcohol Use (unrevised)		U		
650-666	17	FILLER	**Filler**			Blank	
667	1	F_TOBAC	Tobacco Use (Unrevised)		U		
668	1	F_MPCB	Month Prenatal Care Began (revised)		R		
669	1	F_MPCB_U	Month Prenatal Care Began (Unrevised)		U		
670-671	2	FILLER	**Filler**			Blank	
672	1	F_CIG-0	Cigarettes before pregnancy (revised)		R		
673	1	F_CIG-1	Cigarettes 1st trimester (revised)		R		
674	1	F_CIG-2	Cigarettes 2nd trimester (revised)		R		
675	1	F_CIG-3	Cigarettes 3rd trimester (revised)		R		
676-680	5	FILLER	**Filler**			Blank	
681	1	F_URF_ANEMIA	Anemia Flag		U		
682	1	F_URF_CARDIAC	Cardiac Flag		U		
683	1	F_URF_LUNG	Lungs Flag		U		
684	1	F_URF_DIABETES	Diabetes Flag		R,U		
685	1	F_URF_HERPES	Herpes Flag		U		
686	1	F_URF_HYDRA	Hydra Flag		U		
687	1	F_URF_HEMO	Hemo Flag		U		
688	1	F_URF_CHYPER	Chron Hyper Flag		R,U		
689	1	F_URF_PHYPER	Prep Hyper Flag		R,U		

* For the Version column (Ver) the following codes apply:

R 2003 Version of US Standard Report of Fetal Death

U 1989 Version of US Standard Report of Fetal Death

Position	Len	Field	Description	Reporting Flag Position	Vers*	Values	Definition
690	1	F_URF_ECLAMP	Eclampsia Flag		R,U		
691	1	F_URF_INCERVIX	Incervix Flag		U		
692	1	F_URF_PRE4000	Prev Birth 4000+ Flag		U		
693	1	F_URF_PRETERM	Prev Birth Small Flag		U		
694	1	F_URF_RENAL	Renal Flag		U		
695	1	F_URF_RH	Rh Flag		U		
696	1	F_URF_UTERINE	Uterine Flag		U		
697	1	F_URF_OTHERMR	Other MR Flag		U		
698-700	3	FILLER	**Filler**			Blank	
701	1	F_UOB_AMNIO	Amnio Flag		U		
702	1	F_UOB_MONITOR	Monitor Flag		U		
703	1	F_UOB_INDUCT	Induction Flag		U		
704	1	F_UOB_STIMUL	Stimulation Flag		U		
705	1	F_UOB_TOCOL	Tocolysis Flag		U		
706	1	F_UOB_ULTRAS	Ultrasound Flag 706		U		
707	1	F_UOB_OTHEROB	Other OB Flag 707		U		
708-10	3	FILLER	**Filler**			Blank	
711	1	F_ULD_FEBRILE	Febrile Flag		U		
712	1	F_ULD_MECONIUM	Meconium Flag		R,U		
713	1	F_ULD_RUPTURE	Rupture Flag		U		
714	1	F_ULD_ABRUPTIO	Abruption Flag		U		
715	1	F_ULD_PREPLACE	Preplace Flag		U		
716	1	F_ULD_EXCEBLD	Excebld Flag		U		
717	1	F_ULD_SEIZURE	Seizure Flag		U		
718	1	F_ULD_PRECIP	Precip Flag		R,U		
719	1	F_ULD_PROLONG	Prolong Flag		U		
720	1	F_ULD_DYSFUNC	Dysfunc Flag		U		
721	1	F_ULD_BREECH	Breech Flag		R,U		
722	1	F_ULD_CEPHALO	Cephalo Flag		U		
723	1	F_ULD_CORD	Cord Flag		U		
724	1	F_ULD_ANESTHE	Anesthesia Flag		U		
725	1	F_ULD_DISTRESS	Distress Flag		U		
726	1	F_ULD_OTHERLD	Other LD Flag		U		
727	3	FILLER	**Filler**			Blank	
730	1	F_U_VAGINAL	Vaginal Flag		U		
731	1	F_U_VBAC	VBAC Flag		U		
732	1	F_U_PRIMAC	Primary C Flag		U		
733	1	F_U_REPEAC	Repeat C Flag		U		
734	1	F_U_FORCEP	Forceps Flag		U		
735	1	F_U_VACUUM	Vacuum Flag		U		
736-751	16	FILLER	**Filler**			Blank	

* For the Version column (Ver) the following codes apply:

R 2003 Version of US Standard Report of Fetal Death

U 1989 Version of US Standard Report of Fetal Death

Position	Len	Field	Description	Reporting Flag Position	Vers*	Values	Definition
752	1	F_UCA_ANEN	Anen Flag		R,U		
753	1	F_UCA_SPINA	Spina Bifita Flag		R,U		
754	1	F_UCA_HYDRO	Hydro Flag		U		
755	1	F_UCA_MICROCE	Microce Flag		U		
756	1	F_UCA_NERVOUS	Nervous Flag		U		
757	1	F_UCA_HEART	Heart Flag		U		
758	1	F_UCA_CIRCUL	Circul/Respir Flag		U		
759	1	F_UCA_RECTAL	Rectal Flag		U		
760	1	F_UCA_TRACHEO	Tracheo Flag		U		
761	1	F_UCA_OMPHALO	Omphalo Flag		R,U		
762	1	F_UCA_GASTRO	Gastrointestinal Flag		U		
763	1	F_UCA_GENITAL	Malformed Genital Flag		U		
764	1	F_UCA_RENALAG	Renal Agenesis Flag		U		
765	1	F_UCA_UROGEN	Urogenital Flag		U		
766	1	F_UCA_CLEFTLP	Cleft Lip Flag		R,U		
767	1	F_UCA_ADACTYL	Adactyly Flag		U		
768	1	F_UCA_CLUB	Clubfoot Flag		U		
769	1	F_UCA_HERNIA	Hernia Flag		U		
770	1	F_UCA_MUSCULO	Muscloskeletal Flag		U		
771	1	F_UCA_DOWNS	Downs Syndrome Flag		R,U		
772	1	F_UCA_CHROMO	Other Chromosomal Flag		U		
773	1	F_UCA_OTHRCON	Other CA Flag		U		
774-779	6	FILLER	**Filler**			Blank	
780	1	F_MS_u	Mother's Marital Status		R,U		
781	1	F_MHISP_u	Mother's Hispanic Origin		R,U		
782	1	F_FHISP_u	Father's Hispanic Origin (Unrevised)		U		
783	1	F_MRACE_u	Mother's Race (Unrevised)		U		
784	1	F_FRACE_u	Father's Race (Unrevised)		U		
785	1	F_FEDUC_u	Father's Education (Unrevised)		U		
786	1	F_FAGE_u	Father's Age		R,U		
787-791	5	FILLER	**Filler**			Blank	
792	1	F_TNPV_u	Total Number of Prenatal Visits		R,U		
793	1	F_CLINEST_u	Clinical Estimate of Gestation		R,U		
794	1	F_CIG/DAY_u	Cigarettes per Day (Unrevised)		U		
795	1	FILLER	**Filler**			Blank	
796	1	F_DRINK/WK_u	Drinks per Week		U		
797	1	F_HYSTER_u	Hysterectomy		R,U		
798-832	36	FILLER	**Filler**			Blank	

* For the Version column (Ver) the following codes apply:

R 2003 Version of US Standard Report of Fetal Death

U 1989 Version of US Standard Report of Fetal Death

Position	Len	Field	Description	Reporting Flag Position	Vers*	Values	Definition
833-847	15	**Mother's Race Checkbox**	The checkbox items indented below follow this structure: "u" : 1989 Version of US Standard Birth Certificate,, but this element conforms to the 2003 standards		R,u	Y N	Yes, box for race is checked No, box for race is not checked
833	1	MRACE1	White				
834	1	MRACE2	Black or African American				
835	1	MRACE3	American Indian or Alaska Native				
836	1	MRACE4	Asian Indian				
837	1	MRACE5	Chinese				
838	1	MRACE6	Filipino				
839	1	MRACE7	Japanese				
840	1	MRACE8	Korean				
841	1	MRACE9	Vietnamese				
842	1	MRACE10	Other Asian				
843	1	MRACE11	Native Hawaiian				
844	1	MRACE12	Guamanian or Chamorro				
845	1	MRACE13	Samoan				
846	1	MRACE14	Other Pacific Islander				
847	1	MRACE15	Other				
848-1087	140	FILLER	**Filler**			Blank	
1088-1109	24	**Mother's Race Edited**	"u" : 1989 Version of US Standard Birth Certificate, but this element conforms to the 2003 standards ** Also includes unrevised states that are reporting multiple race		R,u **	100-999 ,A00-R99 (A complete list of race codes is available at http://www.cdc.gov/nchs/data/dvs/RaceCodeList.pdf)	Mother's Race Edited Code
1088	3	MRACE1E					
1091	3	MRACE2E					
1094	3	MRACE3E					
1097	3	MRACE4E					
1100	3	MRACE5E					
1103	3	MRACE6E					
1106	3	MRACE7E					
1109	3	MRACE8E					
1112-3349	2238	FILLER	**Filler**			Blank	

* For the Version column (Ver) the following codes apply:

R 2003 Version of US Standard Report of Fetal Death

U 1989 Version of US Standard Report of Fetal Death

Position	Len	Field	Description	Reporting Flag Position	Vers*	Values	Definition
3350		**END OF RECORD**					

* For the Version column (Ver) the following codes apply:
R 2003 Version of US Standard Report of Fetal Death
U 1989 Version of US Standard Report of Fetal Death

Listings of Counties Identified in the Fetal Death Data Set
Vital Statistics Geographic Code Outline Effective With 2000 Data

State	County	State and County Name
01		Alabama
	073	Jefferson
	089	Madison
	097	Mobile
02		Alaska
		Anchorage, coext. with Anchorage city
04		Arizona
	013	Maricopa
	019	Pima
05		Arkansas
	119	Pulaski
06		California
	001	Alameda
	013	Contra Costa
	019	Fresno
	029	Kern
	037	Los Angeles
	053	Monterey
	059	Orange
	065	Riverside
	067	Sacramento
	071	San Bernardino
	073	San Diego
	075	San Francisco, coext. with San Francisco city
	077	San Joaquin
	081	San Mateo
	083	Santa Barbara
	085	Santa Clara
	087	Santa Cruz
	095	Solano
	097	Sonoma
	099	Stanislaus
	107	Tulare
	111	Ventura

State	County	State and County Name
08		Colorado
	001	Adams
	005	Arapahoe
	013	Boulder
	031	Denver, coext. with Denver city
	041	El Paso
	059	Jefferson
	069	Larimer
09		Connecticut
	001	Fairfield
	003	Hartford
	009	New Haven
	011	New London
10		Delaware
	003	New Castle
11		District of Columbia
	001	District of Columbia
12		Florida
	009	Brevard
	011	Broward
	021	Collier
	031	Duval
	033	Escambia
	057	Hillsborough
	071	Lee
	081	Manatee
	083	Marion
	086	Miami-Dade
	095	Orange
	099	Palm Beach
	101	Pasco
	103	Pinellas
	105	Polk
	115	Sarasota
	117	Seminole
	127	Volusia

State	County	State and County Name
13		Georgia
	067	Cobb
	089	De Kalb
	121	Fulton
	135	Gwinnett
15		Hawaii
	003	Honolulu
16		Idaho
	001	Ada
17		Illinois
	031	Cook
	043	Du Page
	089	Kane
	097	Lake
	111	McHenry
	119	Madison
	163	St. Clair
	197	Will
	201	Winnebago
18		Indiana
	003	Allen
	089	Lake
	097	Marion
	141	St. Joseph
19		Iowa
	153	Polk
20		Kansas
	091	Johnson
	173	Sedgwick
21		Kentucky
	067	Fayette, coext. with Lexington-Fayette
	111	Jefferson

State	County	State and County Name
22		Louisiana
	017	Caddo
	033	East Baton Rouge
	051	Jefferson
	071	Orleans, coext. with New Orleans city
23		Maine
	005	Cumberland
24		Maryland
	003	Anne Arundel
	005	Baltimore
	031	Montgomery
	033	Prince George's
	510	Baltimore city
25		Massachusetts
	005	Bristol
	009	Essex
	013	Hampden
	017	Middlesex
	021	Norfolk
	023	Plymouth
	027	Worcester
26		Michigan
	049	Genesee
	065	Ingham
	081	Kent
	099	Macomb
	125	Oakland
	161	Washtenaw
	163	Wayne
27		Minnesota
	003	Anoka
	037	Dakota
	053	Hennepin
	123	Ramsey
28		Mississippi
	049	Hinds

State	County	State and County Name
29		Missouri
	095	Jackson
	183	St. Charles
	189	St. Louis
	510	St. Louis city
30		Montana
31		Nebraska
	055	Douglas
	109	Lancaster
32		Nevada
	003	Clark
	031	Washoe
33		New Hampshire
	011	Hillsborough
	015	Rockingham
34		New Jersey
	001	Atlantic
	003	Bergen
	005	Burlington
	007	Camden
	013	Essex
	015	Gloucester
	017	Hudson
	021	Mercer
	023	Middlesex
	025	Monmouth
	027	Morris
	029	Ocean
	031	Passaic
	035	Somerset
	039	Union
35		New Mexico
	001	Bernalillo

State	County	State and County Name
36		New York
	001	Albany
	027	Dutchess
	029	Erie
	055	Monroe
	059	Nassau
	085	Staten Island borough, Richmond county
	081	Queens borough, Queens county
	061	Manhattan borough, New York county
	047	Brooklyn borough, Kings county
	005	Bronx borough, Bronx county
	067	Onondaga
	071	Orange
	087	Rockland
	103	Suffolk
	119	Westchester
37		North Carolina
	051	Cumberland
	067	Forsyth
	081	Guilford
	119	Mecklenburg
	183	Wake
38		North Dakota
39		Ohio
	017	Butler
	035	Cuyahoga
	049	Franklin
	061	Hamilton
	093	Lorain
	095	Lucas
	099	Mahoning
	113	Montgomery
	151	Stark
	153	Summit
40		Oklahoma
	109	Oklahoma
	143	Tulsa

State	County	State and County Name
41		Oregon
	005	Clackamas
	039	Lane
	047	Marion
	051	Multnomah
	067	Washington
42		Pennsylvania
	003	Allegheny
	011	Berks
	017	Bucks
	029	Chester
	043	Dauphin
	045	Delaware
	049	Erie
	071	Lancaster
	077	Lehigh
	079	Luzerne
	091	Montgomery
	095	Northampton
	101	Philadelphia, coext. with Philadelphia city
	129	Westmoreland
	133	York
44		Rhode Island
	007	Providence
45		South Carolina
	019	Charleston
	045	Greenville
	079	Richland
	083	Spartanburg
46		South Dakota
47		Tennessee
	037	Davidson
	065	Hamilton
	093	Knox
	157	Shelby

State	County	State and County Name
48		Texas
	029	Bexar
	061	Cameron
	085	Collin
	113	Dallas
	121	Denton
	141	El Paso
	157	Fort Bend
	167	Galveston
	201	Harris
	215	Hidalgo
	245	Jefferson
	339	Montgomery
	355	Nueces
	439	Tarrant
	453	Travis
49		Utah
	035	Salt Lake
	049	Utah
51		Virginia
	041	Chesterfield
	059	Fairfax
	087	Henrico
	153	Prince William
	810	Virginia Beach city
53		Washington
	033	King
	053	Pierce
	061	Snohomish
	063	Spokane
55		Wisconsin
	025	Dane
	079	Milwaukee
	133	Waukesha

State	County	State and County Name
72		Puerto Rico
	127	San Juan
78		Virgin Islands
66	010	Guam
00	000	Canada
00	000	Cuba
00	000	Mexico
00	000	Remainder of World

Listing of Cities/Places Identified in the Fetal Death Data Set
Vital Statistics Geographic Code Outline Effective With 2000 Data

State	FIPS Codes City/Place	State and City/Place Name
AK		Alaska
	03000	Anchorage
AZ		Arizona
	46000	Mesa
	55000	Phoenix
	77000	Tucson
AR		Arkansas
CA		California
	02000	Anaheim
	27000	Fresno
	43000	Long Beach
	44000	Los Angeles
	53000	Oakland
	62000	Riverside
	64000	Sacramento
	66000	San Diego
	67000	San Francisco
	68000	San Jose
	69000	Santa Ana
CO		Colorado
	04000	Aurora
	16000	Colorado Springs
	20000	Denver
CT		Connecticut
DE		Delaware
DC		District of Columbia
	50000	Washington
FL		Florida
	35000	Jacksonville
	45000	Miami
	71000	Tampa
GA		Georgia
	04000	Atlanta

State	City/Place	State and City/Place Name
HI		Hawaii
	17000	Honolulu
ID		Idaho
IL		Illinois
	14000	Chicago
IN		Indiana
	36003	Indianapolis
KS		Kansas
	79000	Wichita
KY		Kentucky
	46027	Lexington-Fayette
	48000	Louisville
LA		Louisiana
	55000	New Orleans
MD		Maryland
	04000	Baltimore
MA		Massachusetts
	07000	Boston
MI		Michigan
	22000	Detroit
MN		Minnesota
	43000	Minneapolis
	58000	St. Paul
MO		Missouri
	38000	Kansas City
	65000	St. Louis
NB		Nebraska
	37000	Omaha
NV		Nevada
	40000	Las Vegas

State	City/Place	State and City/Place Name
NJ		New Jersey
	51000	Newark
NM		New Mexico
	02000	Albuquerque
NY		New York
	51000	Brooklyn borough, Kings county
	51000	Bronx borough, Bronx county
	11000	Buffalo
	51000	Manhattan borough, New York county
	51000	Queens borough, Queens county
	51000	Staten Island borough, Richmond county
NC		North Carolina
	12000	Charlotte
	55000	Raleigh
OH		Ohio
	15000	Cincinnati
	16000	Cleveland
	18000	Columbus
	77000	Toledo
OK		Oklahoma
	55000	Oklahoma City
	75000	Tulsa, part
	75000	Tulsa, part
OR		Oregon
	59000	Portland
PA		Pennsylvania
	60000	Philadelphia
	61000	Pittsburgh
TN		Tennessee
	48000	Memphis
	52006	Nashville-Davidson

State	City/Place	State and City/Place Name
TX		Texas
	04000	Arlington
	05000	Austin
	17000	Corpus Christ
	19000	Dallas
	24000	El Paso
	27000	Fort Worth
	35000	Houston
	65000	San Antonio
VA		Virginia
	82000	Virginia Beach
WA		Washington
	63000	Seattle
WI		Wisconsin
	53000	Milwaukee
WY		Wyoming
PR	00000	Puerto Rico
VI	00000	Virgin Islands
GU	00000	Guam
00	00000	Canada
00	00000	Cuba
00	00000	Mexico
00	00000	Remainder of the World

FETAL DEATH DOCUMENTATION TABLE 1. FETAL DEATHS BY PERIOD OF GESTATION AND STATE OF OCCURRENCE: UNITED STATES AND EACH STATE, 2004
(FETAL DEATHS BY PLACE OF OCCURRENCE INCLUDE FETAL DEATHS THAT OCCUR TO NONRESIDENTS OF THE UNITED STATES)

STATE OF OCCURRENCE	ALL FETAL DEATHS				Fetal Deaths with Stated or Presumed Gestation of 20 weeks or more			
	Total	Under 20 Weeks	20 Weeks And Over	Not Stated	Total	20-27 Weeks	28 Weeks And Over	Not Stated
United States	53,285	24,903	25,309	3,073	25,706	12,722	12,587	397
Alabama	546	17	528	1	528	268	260	-
Alaska	53	1	50	2	51	13	37	1
Arizona	703	146	548	9	551	260	288	3
Arkansas	284	3	281	-	281	124	157	-
California	3,000	69	2,608	323	2,823	1,147	1,461	215
Colorado	410	7	403	-	403	170	233	-
Connecticut	260	3	256	1	257	138	118	1
Delaware	59	4	55	-	55	27	28	-
District of Columbia	109	6	102	1	102	58	44	-
Florida	1,735	50	1,660	25	1,664	902	758	4
Georgia	1,351	159	1,170	22	1,189	688	482	19
Hawaii	934	731	102	101	102	57	45	-
Idaho	115	2	112	1	113	43	69	1
Illinois	1,118	22	1,091	5	1,093	540	551	2
Indiana	542	8	522	12	526	219	303	4
Iowa	219	10	208	1	208	104	104	-
Kansas	193	1	189	3	191	68	121	2
Kentucky	347	2	344	1	345	142	202	1
Louisiana	544	61	446	37	456	231	215	10
Maine	70	2	68	-	68	38	30	-
Maryland	589	21	567	1	568	330	237	1
Massachusetts	433	9	423	1	423	182	241	-
Michigan	764	23	737	4	741	386	351	4
Minnesota	364	5	355	4	358	162	193	3
Mississippi	423	14	403	6	407	201	202	4
Missouri	485	10	471	4	475	225	246	4
Montana	42	-	42	-	42	19	23	-
Nebraska	172	2	170	-	170	77	93	-
Nevada	284	24	259	1	260	139	120	1
New Hampshire	66	1	65	-	65	30	35	-
New Jersey	743	27	714	2	714	384	330	-
New Mexico	78	-	78	-	78	28	50	-
New York	7,396	5,442	781	1,173	790	437	344	9
New York City	11,552	10,179	1,315	58	1,329	853	462	14
North Carolina	829	19	795	15	799	371	424	4
North Dakota	48	1	46	1	47	22	24	1
Ohio	1,005	20	975	10	976	486	489	1
Oklahoma	322	10	213	99	247	105	108	34
Oregon	220	8	211	1	211	81	130	-
Pennsylvania	1,404	410	909	85	913	502	407	4
Rhode Island	1,182	1,070	74	38	75	39	35	1
South Carolina	490	24	465	1	466	249	216	1
South Dakota	41	-	41	-	41	13	28	-
Tennessee	420	5	408	7	415	96	312	7
Texas	2,328	167	2,070	91	2,091	1,017	1,053	21
Utah	305	16	284	5	287	142	142	3
Vermont	28	-	28	-	28	14	14	-
Virginia	7,684	6,079	699	906	708	422	277	9
Washington	436	4	424	8	428	229	195	4
West Virginia	151	4	146	1	147	72	74	1
Wisconsin	362	5	351	6	354	154	197	3
Wyoming	47	-	47	-	47	18	29	-

- Quantity zero.

FETAL DEATH DOCUMENTATION TABLE 1. FETAL DEATHS BY PERIOD OF GESTATION AND STATE OF OCCURRENCE: UNITED STATES TERRITORIES, 2004
(FETAL DEATHS BY PLACE OF OCCURRENCE INCLUDE FETAL DEATHS THAT OCCUR TO NONRESIDENTS OF THE UNITED STATES)

TERRITORY OF OCCURRENCE	ALL FETAL DEATHS				Fetal Deaths with Stated or Presumed Gestation of 20 weeks or more			
	Total	Under 20 Weeks	20 Weeks And Over	Not Stated	Total	20-27 Weeks	28 Weeks And Over	Not Stated
Puerto Rico	537	1	533	3	536	330	203	3
Guam	38	4	33	1	34	18	15	1

- Quantity zero.

Fetal deaths Documentation Table 2. Fetal deaths by race of mother: United States (Fetal deaths include only those with stated or presumed period of gestation of 20 weeks or more; see Technical Appendix.) and each state, 2004

	Number				
State	All races	White	Black	American Indian or Alaska Native[1]	Asian or Pacific Islander
United States.....	25,655	17,164	7,135	258	1,098
Alabama.....	536	252	280	-	4
Alaska.....	53	38	3	8	4
Arizona.....	548	469	30	34	15
Arkansas.....	281	197	82	1	1
California.....	2,819	2,145	344	22	308
Colorado.....	388	345	34	4	5
Connecticut.....	254	189	57	-	8
Delaware.....	49	23	25	-	1
District of Columbia.....	59	11	48	-	-
Florida.....	1,649	953	658	7	31
Georgia.....	1,175	527	626	-	22
Hawaii.....	97	20	2	1	74
Idaho.....	129	123	-	4	2
Illinois.....	1,117	708	355	2	52
Indiana.....	523	414	97	3	9
Iowa.....	215	191	16	-	8
Kansas.....	193	162	24	2	5
Kentucky.....	361	304	50	1	6
Louisiana.....	459	187	268	-	4
Maine.....	67	62	3	2	-
Maryland.....	592	245	323	1	23
Massachusetts.....	420	287	105	-	28
Michigan.....	745	480	231	9	25
Minnesota.....	363	276	57	9	21
Mississippi.....	401	137	259	2	3
Missouri.....	463	318	135	1	9
Montana.....	42	32	-	10	-
Nebraska.....	163	137	21	2	3
Nevada.....	256	183	40	4	29
New Hampshire.....	67	59	3	-	5
New Jersey.....	751	452	232	1	66
New Mexico.....	87	76	2	9	-
New York.....	2,109	1,289	722	5	93
North Carolina.....	798	466	299	17	16
North Dakota.....	37	26	-	10	1
Ohio.....	970	728	226	4	12
Oklahoma.....	255	179	40	32	4
Oregon.....	195	169	10	4	12
Pennsylvania.....	903	610	269	1	23
Rhode Island.....	67	55	9	-	3
South Carolina.....	479	210	265	-	4
South Dakota.....	37	22	2	12	1
Tennessee.....	384	255	122	1	6
Texas.....	2,070	1,581	419	13	57
Utah.....	279	266	1	3	9
Vermont.....	29	28	1	-	-
Virginia.....	725	458	241	3	23
Washington.....	433	355	25	6	47
West Virginia.....	146	138	8	-	-
Wisconsin.....	359	272	64	7	16
Wyoming.....	58	55	2	1	-

- Quantity zero
[1] Includes fetal deaths to Aleuts and Eskimos
NOTES: Race and Hispanic origin are reported separately on birth certificates. Race categories are consistent with the 1977 office of Management and Budget (OMB) standards. Data for states which report multiple-race for mothers were bridged to the single-race categories of the 1977 OMB standards for camparability with other states; see "Technical Appendix". In this table all women (including Hisoapanic women)are classified only according to their race; see "Technical Appendix".

Fetal deaths Documentation Table 3. Fetal deaths by Hispanic origin of mother and by race for mothers of non-Hispanic origin: United States and 49 reporting states, 2004
[By place of residence]

State	All origins	Origin of mother									
		Hispanic						Non-Hispanic			
		Total	Mexican	Puerto Rican	Cuban	Central and South American	Other and unknown Hispanic	Total[1]	White	Black	Not stated
United States	25,400	5,135	3,425	384	82	658	586	19,043	11,316	6,530	1,222
Alabama	536	24	23	-	-	1	-	508	226	278	4
Alaska	53	3	1	1	-	-	1	43	30	3	7
Arizona	548	234	224	2	-	6	2	292	223	28	22
Arkansas	281	19	19	-	-	-	-	262	178	82	-
California	2,819	1,399	1,207	9	6	119	58	1,388	738	330	32
Colorado	388	134	114	-	1	8	11	249	206	34	5
Connecticut	254	52	3	30	-	14	5	190	130	52	12
Delaware	49	11	1	9	-	1	-	38	15	22	-
District of Columbia	59	3	3	-	-	-	-	54	8	46	2
Florida	1,649	319	87	66	55	88	23	1,206	576	593	124
Georgia	1,175	104	78	1	-	13	12	892	334	542	179
Hawaii	97	9	3	2	-	-	4	59	13	2	29
Idaho	129	27	25	-	-	-	2	101	98	-	1
Illinois	1,117	223	182	8	1	8	24	849	480	318	45
Indiana	523	38	12	-	-	1	25	470	363	96	15
Iowa	215	15	8	-	-	-	7	199	176	15	1
Kansas	193	30	25	-	-	1	4	154	129	18	9
Kentucky	361	11	6	-	-	4	1	349	292	50	1
Louisiana	459	6	4	-	-	-	2	452	181	268	1
Maine	67	-	-	-	-	-	-	51	48	2	16
Maryland	592	48	13	3	1	14	17	537	202	312	7
Massachusetts	420	62	2	29	1	24	6	266	183	60	92
Michigan	745	46	35	-	1	-	10	572	359	183	127
Minnesota	363	19	11	-	-	3	5	336	254	53	8
Mississippi	401	10	5	1	1	-	3	388	124	259	3
Missouri	463	20	18	-	-	-	2	436	294	133	7
Montana	42	-	-	-	-	-	-	42	32	-	-
Nebraska	163	25	20	1	-	2	2	126	101	20	12
Nevada	256	82	70	-	1	4	7	172	99	40	2
New Hampshire	67	2	-	1	-	-	1	59	52	3	6
New Jersey	751	172	29	43	7	87	6	572	294	212	7
New Mexico	87	40	22	-	-	1	17	46	35	2	1
New York	2,109	455	66	109	-	139	141	1,506	780	632	148
North Carolina	798	114	79	7	-	20	8	678	355	291	6
North Dakota	37	-	-	-	-	-	-	34	23	-	3
Ohio	970	37	20	8	-	6	3	930	693	221	3
Oregon	195	36	26	-	-	3	7	159	134	10	-
Pennsylvania	903	72	6	44	3	6	13	805	539	244	26
Rhode Island	67	-	-	-	-	-	-	4	4	-	63
South Carolina	479	20	16	2	-	-	2	456	190	262	3
South Dakota	37	-	-	-	-	-	-	37	22	2	-
Tennessee	384	25	15	-	2	4	4	352	226	120	7
Texas	2,070	936	798	4	1	52	81	1,110	643	400	24
Utah	279	56	41	-	1	4	10	222	210	-	1
Vermont	29	-	-	-	-	-	-	27	26	1	2
Virginia	725	69	11	2	-	17	39	577	353	204	79
Washington	433	76	62	-	-	4	10	289	241	14	68
West Virginia	146	1	-	1	-	-	-	143	136	7	2
Wisconsin	359	41	32	1	-	3	5	310	225	64	8
Wyoming	58	10	3	-	-	1	6	46	43	2	2

- Quantity zero
[1] Includes races other then white and black
NOTES: Race and Hispanic origin are reported separately on birth certificates. Race categories are consistent with the 1977 office of Management and Budget (OMB) standards. Data for states which report multiple-race for mothers were bridged to the single-race categories of the 1977 OMB standards for camparability with other states; see "Technical Appendix". In this table all women (including Hisoapanic women)are classified only according to their race; see "Technical Appendix".
"Note: Excludes Oklahoma which did not report Hispanic origin of mother for all of 2004."

FETAL DEATH DOCUMENTATION TABLE 4
FETAL DEATHS BY AGE OF MOTHER, RACE AND HISPANIC ORIGIN OF MOTHER, AND SEX: UNITED STATES, 2004

(FETAL DEATHS INCLUDE ONLY THOSE WITH STATED OR PRESUMED PERIOD OF GESTATION OF 20 WEEKS OR MORE. NOT STATED SEX IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION: SEE TECHNICAL APPENDIX.)

RACE AND SEX /1	TOTAL	AGE OF MOTHER								
		Under 15 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years	40-44 years	45-49 years	50-54 years
All races	25,400	75	3,098	6,161	5,984	5,486	3,431	1,078	81	6
Male	13,549	40	1,714	3,266	3,169	2,927	1,816	566	49	2
Female	11,851	35	1,384	2,895	2,815	2,559	1,615	512	32	4
Non-Hispanic white /2	11,316	12	1,054	2,461	2,817	2,667	1,719	547	38	1
Male	6,043	9	586	1,309	1,462	1,468	892	294	22	1
Female	5,273	3	468	1,152	1,355	1,199	827	253	16	-
Non-Hispanic black /2	6,530	32	1,060	1,888	1,462	1,157	697	212	19	3
Male	3,511	14	608	991	778	609	389	109	13	-
Female	3,019	18	452	897	684	548	308	103	6	3
Hispanic /2	5,135	21	747	1,360	1,185	978	633	196	14	1
Male	2,702	13	388	718	640	498	332	106	7	-
Female	2,433	8	359	642	545	480	301	90	7	1

- Quantity zero.
1 Includes races other than white and black and origin not stated.
2 Excludes data for Oklahoma, which did not require reporting of Hispanic origin. Race and Hispanic origin are reported separately on fetal death reports. Race categories are consistent with the 1977 Office of Management and Budget standards. Data for fetal deaths are according to mother's Hispanic origin and reported race; see 'Technical Appendix.'

FETAL DEATH DOCUMENTATION TABLE 5
FETAL DEATHS BY BIRTHWEIGHT AND SEX: UNITED STATES, 2004

(FETAL DEATHS INCLUDE ONLY THOSE WITH STATED OR PRESUMED PERIOD OF GESTATION OF 20 WEEKS OR MORE. NOT STATED SEX IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION: SEE TECHNICAL APPENDIX.)

SEX	TOTAL	BIRTHWEIGHT												
		Under 350 grams	350-499 grams	500-999 grams	1,000-1,499 grams	1,500-1,999 grams	2,000-2,499 grams	2,500-2,999 grams	3,000-3,499 grams	3,500-3,999 grams	4,000-4,499 grams	4,500-4,999 grams	5,000 grams or more	Not stated
Total	25,655	3,812	4,033	4,845	2,044	1,933	1,964	1,765	1,486	702	270	110	85	2,606
Male	13,694	1,981	2,175	2,622	1,109	1,031	1,041	898	754	396	155	73	60	1,399
Female	11,961	1,831	1,858	2,223	935	902	923	867	732	306	115	37	25	1,207

- Quantity zero.

Fetal deaths Documentation Table 6. Fetal deaths by period of gestation and sex: United States, 2004
(Fetal deaths with stated or presumed gestation of 20 weeks or more)

Weeks of Gestation[1]	Total	Male	Female
Total.....	25655	13694	11961
..... 20 weeks	2167	1284	883
..... 21 weeks	2448	1334	1114
..... 22 weeks	2333	1289	1044
..... 23 weeks	1715	911	804
..... 24 weeks	1287	621	666
..... 25 weeks	1027	547	480
..... 26 weeks	907	472	435
..... 27 weeks	812	435	377
..... 28 weeks	805	421	384
..... 29 weeks	768	409	359
..... 30 weeks	737	399	338
..... 31 weeks	779	408	371
..... 32 weeks	815	437	378
..... 33 weeks	808	428	380
..... 34 weeks	914	499	415
..... 35 weeks	971	523	448
..... 36 weeks	1102	599	503
..... 37 weeks	1112	581	531
..... 38 weeks	1156	584	572
..... 39 weeks	1028	513	515
..... 40 weeks	713	342	371
.....41 weeks or more	856	429	427
Not stated.....	395	229	166

- Quantity zero
[1] Expressed in completed weeks

Fetal Death Documentation Table 7. Fetal deaths by smoking status of mother and average number of cigerattes smoked by mother per day by age: Total of 42 reporting states and the District of Columbia, 2004
(Fetal deaths include only those with stated or presumed period of gestation of 20 weeks or more; see Technical Appendix.)

Smoking status, average number of cigarettes per day	All fetal deaths	Age of mother								
		Under 15 years	15-19 Years			20-24 years	25-29 years	30-34 years	35-39 years	40-54 years
			Total	15-17 years	18-19 years					
All races										
Total.....	20,537	63	2,583	908	1,675	5,052	4,819	4,373	2,728	919
Smoker.....	2,688	1	364	109	255	909	622	424	264	104
1-5 cigarettes.....	775	1	129	38	91	283	167	108	61	26
6-10 cigarettes.....	781	-	112	40	72	262	189	115	79	24
11-15 cigarettes.....	86	-	7	1	6	29	20	16	9	5
16-20 cigarettes.....	371	-	26	5	21	118	93	70	47	17
21-30 cigarettes.....	37	-	5	3	2	11	12	5	3	1
31-40 cigarettes.....	21	-	-	-	-	7	4	4	2	4
41+ cigarettes.....	10	-	-	-	-	2	4	2	1	1
Not stated.....	607	-	85	22	63	197	133	104	62	26
Non-smoker.....	15,471	54	1,927	696	1,231	3,625	3,671	3,404	2,093	697
Not stated.....	2,378	8	292	103	189	518	526	545	371	118

- Quantity zero.

Note: Excludes data for California and Hawaii which do not report tobacco use. Also excludes data for Idaho, Kentucky, Michigan Oklahoma, Utah, and Washington which implemented the 2003 Revision to the U.S. Standard Report of Fetal Death. This change resulted in a lack of comparability between data based on the 2003 Revision and data based on the 1989 Revision to the U.S. Standard Report of Fetal Death; see "Technical Appendix."

FETAL DEATH DOCUMENTATION TABLE 8

FETAL DEATHS BY DRINKING STATUS OF MOTHER AND BY MOTHERS AVERAGE NUMBER OF DRINKS PER WEEK, BY AGE OF MOTHER:
TOTAL OF 41 REPORTING STATES AND THE DISTRICT OF COLUMBIA, 2004
(FETAL DEATHS INCLUDE ONLY THOSE WITH STATED OR PRESUMED PERIOD OF GESTATION OF 20 WEEKS OR MORE: SEE TECHNICAL APPENDIX.)
(FOR A LISTING OF REPORTING AREAS: SEE TECHNICAL APPENDIX.)

DRINKING STATUS, AVERAGE NUMBER OF DRINKS PER WEEK	AGE OF MOTHER									
	ALL AGES	UNDER 15 years	Total 15-19	15-17 Years	18-19 Years	20-24 Years	25-29 Years	30-34 Years	35-39 Years	40-54 Years
All RACES.....	20500	63	2578	907	1671	5050	4806	4362	2724	917
DRINKER.....	340	1	38	11	27	94	55	59	58	35
I DRINK OR LESS.....	74	1	6	2	4	21	14	11	9	12
2 DRINKS.....	44	54	7	2	5	15	7	7	6	2
3-4 DRINKS.....	18	8	2	1	2	5	2	7	1	1
5 DRINKS OR MORE....	55	-	1	6	16	12	10	9	16	7
NOT STATED.....	149	-	22	810	1491	41	22	25	26	13
NON-DRINKER.....	18384	-	2301	86	153	4526	4361	3917	2425	800
NOT STATED.....	1776	-	239	86	153	430	390	386	241	82

- Quantity zero.

NOTE: Excludes data for California, Hawaii, Idaho, Kentucky, Michigan, Oklahoma, South Dakota, Utah and Washington.

FETAL DEATH DOCUMENTATION TABLE 9

FETAL DEATHS BY WEIGHT GAIN OF MOTHER DURING PREGNANCY, BY STATE:
TOTAL OF 47 REPORTING STATES AND THE DISTRICT OF COLUMBIA, 2004
[FETAL DEATHS INCLUDE ONLY THOSE WITH STATED OR PRESUMED PERIOD OF GESTATION OF 20 WEEKS OR MORE:
SEE TECHNICAL APPENDIX.] fOR A LISTING OF REPORTING AREAS: SEE TECHNICAL APPENDIX.

STATE	Total	Weight gain during pregnancy							
		Less than 10 pounds	10-14 pounds	15-19 pounds	20-24 pounds	25-29 pounds	30-34 pounds	35 pounds or more	Not Stated
United States	22,484	4,106	2,600	2,039	2,101	1,352	1,210	1,972	7,104
Alabama	536	120	78	47	64	33	27	47	120
Alaska	53	3	5	4	6	2	11	2	20
Arizona	548	103	76	45	57	37	31	51	148
Arkansas	281	35	34	23	28	15	20	30	96
Colorado	388	56	39	32	40	27	31	30	133
Connecticut	254	42	26	36	28	15	9	28	70
Delaware	49	10	8	3	7	4	1	7	9
District of Columbia	59	1	2	2	3	-	1	-	50
Florida	1,649	247	180	166	179	96	93	166	522
Georgia	1,175	166	92	70	65	33	36	59	654
Idaho	129	26	14	13	7	13	12	27	17
Illinois	1,117	152	165	69	94	64	58	104	411
Indiana	523	94	76	56	52	40	45	63	97
Iowa	215	59	32	27	18	22	12	21	24
Kansas	193	61	22	16	22	20	16	28	8
Kentucky	361	69	35	48	37	29	26	45	72
Louisiana	459	144	70	35	49	27	32	29	73
Maine	67	11	7	6	4	3	4	2	30
Maryland	592	108	69	65	52	34	29	43	192
Massachusetts	420	50	56	43	51	30	29	30	131
Michigan	745	187	71	76	77	60	46	90	138
Minnesota	363	52	48	40	28	34	27	32	102
Mississippi	401	71	50	42	32	27	20	32	127
Missouri	463	81	57	51	51	33	39	73	78
Montana	42	7	6	4	6	1	4	7	7
Nebraska	163	39	22	20	17	19	10	19	17
Nevada	256	24	19	10	17	9	8	16	153
New Hampshire	67	12	8	8	10	6	4	9	10
New Jersey	751	143	106	77	81	51	44	75	174
New Mexico	87	13	8	7	7	3	6	8	35
New York	2,109	232	194	170	157	85	76	132	1,063
North Carolina	798	163	107	89	102	57	68	92	120
North Dakota	37	11	5	1	2	4	1	-	13
Ohio	970	181	111	100	99	67	43	75	294
Oregon	195	22	34	22	19	12	9	17	60
Pennsylvania	903	114	70	63	54	38	36	52	476
Rhode Island	67	2	1	-	1	3	1	1	58
South Carolina	479	140	80	45	51	24	31	34	74
South Dakota	37	7	6	4	2	5	3	9	1
Tennessee	384	31	36	31	35	27	18	46	160
Texas	2,070	432	285	197	204	116	85	145	606
Utah	279	58	42	34	42	21	12	46	24
Vermont	29	2	2	1	2	2	3	3	14
Virginia	725	297	60	43	42	23	25	31	204
Washington	433	115	31	27	41	30	26	47	116
West Virginia	146	32	8	14	18	15	14	5	40
Wisconsin	359	65	45	52	28	32	25	59	53
Wyoming	58	16	2	5	13	4	3	5	10

- Quantity zero
NOTE: Excludes data for California, Oklahoma and Hawaii, which did not report weight gain during pregnancy

FETAL DEATH DOCUMENTATION TABLE 10

FETAL DEATHS WITH SELECTED OBSTETRIC PROCEDURES BY AGE OF MOTHER:
TOTAL OF 43 REPORTING STATES AND THE DISTRICT OF COLUMBIA, 2004
(FETAL DEATHS INCLUDE ONLY THOSE WITH STATED OR PRESUMED PERIOD OF GESTATION OF 20 WEEKS OR MORE: SEE TECHNICAL APPENDIX.)
(FOR A LISTING OF REPORTING AREAS: SEE TECHNICAL APPENDIX.)

OBSTETRIC PROCEDURE	OBSTETRIC PROCEDURES REPORTED AGE OF MOTHER								OBSTERIC PROCEDURE	
	ALL FETAL DEATHS(1)	ALL AGES	UNDER 20 years	20-24 years	25-29 years	30-34 years	35-39 years	40-54 years	NOT REPORTED	NOT STATED(2)
AMINOCENTESIS.....	23356	1439	102	226	258	337	385	131	20797	1120
ELECTRONIC FETAL MONITORING	23356	5917	775	1530	1398	1234	733	247	16319	1120
INDUCTION OF LABOR.....	23356	7974	969	1988	1887	1674	1053	403	14262	1120
STIMULATION OF LABOR.....	23356	1823	266	424	439	400	226	68	20413	1120
TOCOLYSIS.....	23356	743	80	184	184	176	91	28	21493	1120
ULTRASOUND.....	23356	13193	1600	3209	3111	2897	1801	575	9043	1120

1 Total number of fetal deaths to residents of reporting areas.
2 No response reported for the obstetric procedure item.

NOTE: Excludes data for Hawaii, Idaho, Kentucky, Michigan, Oklahoma, Utah, and Washington.

FETAL DEATH DOCUMENTATION TABLE 11

FETAL DEATHS BY METHOD OF DELIVERY BY AGE OF MOTHER: TOTAL OF 49 REPORTING STATES AND THE DISTRICT OF COLUMBIA, 2004

(FETAL DEATHS INCLUDE ONLY THOSE WITH STATED OR PRESUMED PERIOD OF GESTATION OF 20 WEEKS OR MORE: SEE TECHNICAL APPENDIX. FOR A LISTING OF REPORTING AREAS SEE TECHNICAL APPENDIX.)

AGE OF MOTHER	ALL FETAL DEATHS	METHOD OF DELIVERY											
		VAGINAL							CESAREAN			HYSTER-OTOMY OR HYSTER-ECTOMY/3	NOT STATED
		TOTAL	VAGINAL BIRTH AFTER CESAREAN			OTHER VAGINAL			TOTAL	PRIMARY	REPEAT		
			ALL/1	FORCEPS /2	VACUUM /2	ALL	FORCEPS /2	VACUUM /2					
ALL AGES.....	25,558	20,630	739	8	4	19,891	247	200	3,207	1,975	1,232	70	280
UNDER 15 YEARS.....	74	68	-	-	-	68	-	1	2	2	-	-	-
15-19 YEARS.....	3,130	2,702	21	-	-	2,681	15	23	250	218	32	6	22
20-24 YEARS.....	6,203	5,172	134	-	1	5,038	62	48	661	442	219	11	57
25-29 YEARS.....	6,030	4,790	180	3	-	4,610	47	46	822	500	322	21	72
30-34 YEARS.....	5,498	4,318	197	3	1	4,121	55	46	794	446	348	11	65
35-39 YEARS.....	3,451	2,668	158	2	1	2,510	42	28	511	265	246	14	46
40-44 YEARS.....	1,084	841	47	-	-	794	24	8	154	90	64	5	16
45-54 YEARS.....	88	71	2	-	1	69	2	-	13	12	1	2	2

- Quantity zero.
1 Includes fetal deaths that were not delivered by forceps or vacuum extraction.
2 Excludes data for Oklahoma which does not report forceps and vacuum.
3 Excludes data for Alaska, California, Connecticut, Oklahoma, New York, Oregon, and Wyoming which do not report hysterotomy or hysterectomy.

NOTE: Excludes data for Hawaii which does not report method of delivery; see "Technical Appendix."

Fetal Death Documentation Table 12. Fetal deaths with selected medical risk factors by age of mother:
Total of 49 reporting states and the District of Columbia, 2004
(Fetal deaths include only those with stated or presumed period of gestation of 20 weeks or more; see Technical Appendix.)

Medical risk factor	All fetal deaths/1	Medical Risk Factor Reported								Medical risk factor not reported	Not stated/2
		Age of Mother									
		All ages	Under 20 years	20-24 years	25-29 years	30-34 years	35-39 years	40-44 years	45-54 years		
All races											
Anemia/3	23,356	601	100	152	133	118	69	28	1	20,847	1,908
Cardiac disease/3	23,356	211	19	27	25	28	27	8	77	21,244	1,901
Acute or chronic lung disease/3	23,356	323	36	68	52	51	30	9	77	21,132	1,901
Diabetes	25,558	1,124	59	166	258	308	233	90	10	22,230	2,204
Genital herpes/3,4	21,286	179	17	47	41	38	31	4	1	19,473	1,634
Hydramnios/oligohydramnios/3	23,356	937	108	237	198	224	133	35	2	20,511	1,908
Hemoglobinopathy/3	23,356	156	10	21	14	24	9	1	77	21,299	1,901
Hypertension, chronic	25,558	834	24	129	171	230	186	85	9	22,520	2,204
Hypertension, pregnancy-associated	25,558	1,162	135	280	258	243	180	63	3	22,192	2,204
Eclampsia/5	23,996	233	22	41	32	33	19	8	78	21,859	1,904
Incompetent cervix/3	23,356	820	80	172	228	216	98	25	1	20,628	1,908
Previous infant 4000+ grams/3	23,356	222	5	17	40	39	32	12	77	21,233	1,901
Previous preterm/small for gestation/3	23,356	793	41	145	223	211	142	27	4	20,655	1,908
Renal disease/3	23,356	221	9	39	25	32	29	10	77	21,234	1,901
RH sensitization/3	23,356	201	8	32	26	31	20	7	77	21,254	1,901
Uterine bleeding/3,4	21,286	598	81	163	139	113	75	24	3	19,054	1,634

- Quantity zero
1/ Total number of fetal deaths to residents of areas reporting specified medical risk factors.
2/ No response reported for the medical risk factor item.
3/ Excludes data for Idaho, Kentucky, Michigan, Oklahoma, Utah, and Washington which implemented the 2003 Revision to the U.S. Standard of Fetal Death. This change has resulted in a lack of comparability between data based on the 2003 Rivision and data based on the 1989 Revision to the U.S. Standard Report of Fetal Death: see "Technical Appendix".
4/ Texas does not report this risk factor.
5/ Excludes data for Idaho, Michigan, Oklahoma and Washington.

NOTE: Excludes data for Hawaii, which does not report medical risk factors.

FETAL DEATH DOCUMENTATION TABLE 13
FETAL DEATHS WITH SELECTED COMPLICATIONS OF LABOR AND/OR DELIVERY BY AGE OF MOTHER:
TOTAL OF 43 REPORTING STATES AND THE DISTRICT OF COLUMBIA, 2004
(FETAL DEATHS INCLUDE ONLY THOSE WITH STATED OR PRESUMED PERIOD OF GESTATION OF 20 WEEKS OR MORE; SEE TECHNICAL APPENDIX.
FOR A LISTING OF REPORTING AREAS SEE TECHNICAL APPENDIX.)

COMPLICATION	ALL FETAL DEATHS/1	COMPLICATION REPORTED								COMPLICATION NOT REPORTED	NOT STATED/2
		AGE OF MOTHER									
		ALL AGES	UNDER 20 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-54 YEARS		
FEBRILE.....	23,356	1,197	141	282	263	300	154	52	5	20,473	1,686
MECONIUM MODERATE/HEAVY.....	23,356	1,076	126	285	255	215	153	36	6	20,594	1,686
PREMATURE RUPTURE OF MEMBRANE..	23,356	1,789	212	409	439	378	272	73	6	19,881	1,686
ABRUPTIO PLACENTA.....	23,356	1,870	242	540	475	361	181	66	5	19,800	1,686
PLACENTA PREVIA.....	23,356	165	16	34	32	41	31	11	-	21,505	1,686
OTHER EXCESSIVE BLEEDING.....	23,356	435	48	109	119	77	63	16	3	21,235	1,686
SEIZURES DURING LABOR.....	23,356	28	5	9	6	4	4	-	-	21,642	1,686
PRECIPITOUS LABOR.....	23,356	329	38	87	80	67	44	13	-	21,341	1,686
PROLONGED LABOR.....	23,356	136	14	33	39	26	21	3	-	21,534	1,686
DYSFUNCTIONAL LABOR.....	23,356	120	16	25	26	35	16	1	1	21,550	1,686
BREECH/MALPRESENTATION.....	23,356	2,809	404	666	637	591	388	116	7	18,861	1,686
CEPHALOPELVIC DISPROPORTION/3..	21,286	55	6	11	13	12	10	3	-	19,587	1,644
CORD PROLAPSE.....	23,356	345	56	86	75	70	52	5	1	21,325	1,686
ANESTHETIC COMPLICATIONS/3.....	21,286	25	1	12	4	6	1	1	-	19,617	1,644
FETAL DISTRESS/3.....	21,286	406	39	115	114	85	40	12	1	19,236	1,644

- Quantity zero.
1 Total number of fetal deaths to residents of areas reporting specified complication.
2 No response reported for the specified complication.
3 Texas does not report this risk factor.

NOTE: Excludes data for Hawaii, Idaho, Kentucky,Michigan, Oklahoma, Utah, and Washington which do not report complications of labor/delivery. see "Technical Notes."

FETAL DEATH DOCUMENTATION TABLE 14

FETAL DEATHS WITH SELECTED CONGENITAL ANOMALIES BY PERIOD OF GESTATION: TOTAL OF 47 REPORTING STATES AND THE DISTRICT OF COLUMBIA, 2004

(FETAL DEATHS INCLUDE ONLY THOSE WITH STATED OR PRESUMED PERIOD OF GESTATION OF 20 WEEKS OR MORE; SEE TECHNICAL APPENDIX. FOR A LISTING OF REPORTING AREAS SEE TECHNICAL APPENDIX.)

CONGENITAL ANOMALY	ALL FETAL DEATHS/1	CONGENITAL ANOMALY REPORTED						CONGENITAL ANOMALY NOT REPORTED	NOT STATED/2
		Period of gestation							
		TOTAL/2	20-27 WEEKS	28-31 WEEKS	32-36 WEEKS	37-39 WEEKS	40 WEEKS OR MORE		
ANENCEPHALUS	23,362	247	134	25	41	29	18	21,117	1,995
SPINA BIFIDA/MENINGOCELE	23,362	104	68	8	17	7	4	21,263	1,995
HYDROCEPHALUS/3	21,160	174	109	18	29	13	5	19,327	1,659
MICROCEPHALUS/3	21,160	29	17	5	3	4	-	19,472	1,659
OTHER CENTRAL NERVOUS SYSTEM ANOMALIES/3	21,160	235	154	27	26	20	8	19,264	1,659
HEART MALFORMATIONS/3	21,160	418	208	53	94	43	20	19,081	1,659
OTHER CIRCULATORY/RESPIRATORY ANOMALIES/3	21,160	175	105	18	32	15	5	19,324	1,659
RECTAL ATRESIA/STENOSIS/3	21,160	20	7	2	9	-	2	19,481	1,659
TRACHEO-ESOPHAGEAL FISTULA/ESOPHAGEAL ATRESIA/3	21,160	45	16	10	14	4	1	19,454	1,659
OMPHALOCELE/GASTROSCHISIS	23,362	195	89	32	55	15	4	21,172	1,995
OTHER GASTROINTESTINAL ANOMALIES/3	21,160	101	60	14	17	5	5	19,398	1,659
MALFORMED GENITALIA/3	21,160	87	39	15	25	5	3	19,414	1,659
RENAL AGENESIS/3	21,160	102	69	8	11	8	6	19,399	1,659
OTHER UROGENITAL ANOMALIES/3	21,160	137	78	13	31	10	5	19,363	1,659
CLEFT LIP/PALATE	23,362	183	84	33	33	23	10	21,179	1,995
POLYDACTYLY/SYNDACTYLY/ADACTYLY/3	21,160	92	53	12	18	7	2	19,409	1,659
CLUB FOOT/3	21,160	193	110	20	43	16	4	19,308	1,659
DIAPHRAGMATIC HERNIA/3	21,160	39	17	2	10	6	4	19,461	1,659
OTHER MUSCULOSKELETAL/INTEGUMENTAL ANOMALIES/3	21,160	252	135	39	40	27	11	19,248	1,659
DOWN'S SYNDROME	23,362	256	143	23	48	28	14	21,109	1,995
OTHER CHROMOSOMAL ANOMALIES/3	21,160	574	321	62	107	54	30	18,926	1,659

- Quantity zero.
1 Total number of fetal deaths to residents of reporting areas.
2 No response reported.
3 Excludes data for Idaho, Kentucky, Michigan, Oklahoma, Utah and Washington which implemented the 2003 Revision to the U.S. Standard Report of Fetal Death. This change has resulted in a lack of comparability between data based on the 2003 Revision and data based on the 1989 Revision to the U.S. Standard Report of Fetal Death: see "Technical Appendix."

NOTE: Excludes data for Hawaii, New Mexico, and New York which do not report congenital anomalies.

Fetal Death Documentation Table 15 (Revised States). Number of fetal deaths by education of mother:
Total of reporting areas; Idaho, Michigan, Utah, and Washington, 2004

	All fetal deaths	8th grade or less	9th - 12th grade no diploma	12th grade grad or GED	Some college no degree	Assoc. degree	Bachelor degree	Master degree	PhD or Prof.	Unknown
Total	1,586	63	238	318	245	93	213	51	22	343

- Quantity zero

Fetal Death Documentation Table 16 (Revised states). Smoking status of mother before and during pregnancy by age of mother:
Total of reporting areas: Idaho, Utah, and Washington, 2004

Average number of cigarettes smoked per day	All fetal deaths	Smoking status reported							Not Stated
		All ages	Under 20 years	20-24 years	25-29 years	30-34 years	35-39 years	40-54 years	
Three months before pregnancy									
Total	841	725	59	185	201	157	97	26	116
Smoker	99	96	13	32	25	16	6	4	3
1-5	25	24	3	7	7	4	2	1	1
6-10	43	42	7	14	11	6	2	2	1
11-15	5	4	1	2	-	-	1	-	1
16-20	22	22	-	8	7	5	1	1	-
21-30	3	3	1	1	-	1	-	-	-
31-40	1	1	1	-	-	-	-	-	-
Greater than 41	-	-	-	-	-	-	-	-	-
Non-smoker	629	627	46	152	175	141	91	22	2
Not stated	113	2	-	1	1	-	-	-	111
First three months of pregnancy									
Total	841	725	59	185	201	157	97	26	116
Smoker	82	82	11	27	20	16	5	3	-
1-5	28	28	3	10	5	7	2	1	-
6-10	34	34	6	10	9	7	1	1	-
11-15	3	3	-	2	-	-	1	-	-
16-20	14	14	-	5	6	1	1	1	-
21-30	3	3	2	-	-	1	-	-	-
31-40	-	-	-	-	-	-	-	-	-
Greater than 41	-	-	-	-	-	-	-	-	-
Non-smoker	643	643	48	158	181	141	92	23	-
Not stated	116	-	-	-	-	-	-	-	116
Second three months of pregnancy									
Total	841	725	59	185	201	157	97	26	116
Smoker	55	55	5	20	15	9	3	3	-
1-5	22	22	3	8	4	5	1	1	-
6-10	22	22	2	8	7	3	1	1	-
11-15	1	1	-	1	-	-	-	-	-
16-20	10	10	-	3	4	1	1	1	-
21-30	-	-	-	-	-	-	-	-	-
31-40	-	-	-	-	-	-	-	-	-
Greater than 41	-	-	-	-	-	-	-	-	-
Non-smoker	663	663	51	164	184	147	94	23	-
Not stated	123	7	3	1	2	1	-	-	116
Third trimester of pregnancy									
Total	841	725	59	185	201	157	97	26	116
Smoker	41	41	2	12	14	8	3	2	-
1-5	17	17	2	4	4	5	1	1	-
6-10	17	17	-	5	7	2	2	1	-
11-15	2	2	-	1	1	-	-	-	-
16-20	5	5	-	2	2	1	-	-	-
21-30	-	-	-	-	-	-	-	-	-
31-40	-	-	-	-	-	-	-	-	-
Greater than 41	-	-	-	-	-	-	-	-	-
Non-smoker	668	668	54	168	183	146	93	24	-
Not stated	132	16	3	5	4	3	1	-	116

- Quantity zero

Fetal Death Documentation Table 17.(Revised states). Number of fetal deaths with selected maternal risk factors in this pregnancy by age of mother: Total of reporting areas, Idaho, Michigan, Utah and Washington, 2004

Risk factor	All fetal deaths[1]	Risk Factor reported	Under 20 Years	20-24 Years	25-29 Years	30-34 Years	35-39 Years	40-54 Years	Not stated[2]
Diabetes									
Pregnancy (Diagnosis prior to this pregnancy)	1586	34	4	4	11	9	4	2	133
Gestational (Diagnosis in this pregnancy)	1586	49	-	6	18	9	10	6	133
Hypertension									
Pregnancy (Chronic)	1586	46	1	5	8	18	10	4	133
Gestational (PIH, preeclampsia)	1586	64	5	17	20	18	2	2	133
Eclampsia[3]	279	-	-	-	-	-	-	-	5
Previous preterm birth	1586	105	3	19	35	33	12	3	133
Other previous poor pregnancy outcome (includes perinatal death, small-for-gestational age intrauterine growth restricted birth)	1586	112	4	19	28	31	21	9	133
Pregnancy resulted from infertility treatment	1586	-	-	-	-	-	-	-	133
Mother had a previous cesarian delivery	1586	127	2	19	35	36	28	7	133

- Quality zero
1 total number of fetal deaths to residents of reporting area.
2 No response reported.
3 Idaho, Michigan, and Washington do not report eclampsia.

Fetal Death Documentation Table 18. (Revised states). Number of fetal deaths with selected infections during pregnancy by age of mother: Total of reporting areas, Idaho, Michigan, Utah and Washington, 2004

Infections	All fetal deaths[1]	Infection reported	All ages	Under 20 Years	20-24 Years	25-29 Years	30-34 Years	35-39 Years	40-54 Years	Not stated[2]
Gonorrhea	1586	7	2	2	1	2	-	-		147
Syphilis	1586	2	1	1	-	-	-	-		147
Chlamydia	1586	18	8	6	3	1	-	-		147
Listeria	1586	1	-	-	-	1	-	-		147
Group B Streptococcus	1586	38	4	15	5	8	4	2		147
Cytomegalovirus	1586	1	-	-	-	-	1	-		147
Parvovirus	1586	6	1	3	-	2	-	-		147
Toxoplasmosis	1586	1	-	1	-	-	-	-		147

- Quality zero
1 total number of fetal deaths to residents of reporting areas.
2 No response reported.

Fetal Death Documentation Table 19.(Revised states). Number of fetal deaths according to method of delivery and age of mother: Total of reporting areas, Idaho, Michigan, Utah and Washington, 2004

Methods of delivery	Total fetal deaths[1]	Total reported All ages	Under 20 Years	20-24 Years	25-29 Years	30-34 Years	35-39 Years	40-54 Years	Not stated[2]
Attempted forceps / unsuccesful	1586	9	2	2	2	3	-	-	224
Attempted vacuum extraction / unsuccesful	1586	12	2	4	3	3	-	-	233
Fetal presentation at birth									
Cephalic	1586	855	82	198	241	198	109	27	130
Breech	1586	431	59	103	110	92	54	13	130
Other	1586	170	17	41	43	36	22	11	130
Final route and method of delivery									
Vaginal/Spontaneous	1586	1245	145	296	329	280	154	41	130
Vaginal/Forcepts	1586	8	1	2	3	2	-	-	130
Vaginal/Vacuum	1586	16	1	1	7	4	2	1	130
Cesarean	1586	187	14	40	55	41	28	9	130
Cesarian delivery/trial of labor attempted	187	39	3	6	8	12	9	1	4
Hysterotomy/Hysterectomy	1586	29	5	4	7	3	7	3	373

- Quality zero
1 total number of fetal deaths to residents of reporting area.
2 No response reported.

Fetal Death Documentation Table 20. (Revised states). Number of fetal deaths by maternal morbidity by age of mother: Total of reporting areas, Idaho, Michigan, Utah and Washington, 2004

Maternal morbidity	All fetal deaths[1]	Item reported All ages	Under 20 Years	20-24 Years	25-29 Years	30-34 Years	35-39 Years	40-54 Years	Not stated[2]
Maternal transfusion	1586	51	9	9	15	8	7	3	155
Third or forth degree perineal laceration	1586	6	-	3	3	-	-	-	155
Ruptured uterus	1586	5	-	-	1	1	3	-	155
Unplanned hysterectomy	1586	5	1	-	-	1	2	1	155
Admission to intensive care unit	1586	22	4	6	4	3	4	1	155
Unplanned operating room procedure following delivery	1586	36	4	6	9	13	4	-	155

- Quantity zero
1 Total number of fetal deaths to residents of areas reporting maternal morbidity items.
2 No response reported for specified morbidity item.

Fetal Death Documentation Table 21 (Revised states). Number of congenital anomalities of the fetus by age of mother: Total of reporting areas, Idaho, Michigan, Utah and Washington, 2004

Congenital anomaly	All fetal deaths[1]	Congenital Anomaly reported, All ages	Under 20 Years	20-24 Years	25-29 Years	30-34 Years	35-39 Years	40-54 Years	Not stated[2]
Anencephaly	1586	26	2	6	9	5	3	1	159
Menigomyelocele/spina bifida	1586	10	-	4	2	3	-	1	159
Cyanotic congenital heart desease	1586	9	1	1	1	4	1	1	159
Congenital diaphragmic hemia	1586	7	-	4	2	-	1	-	159
Omphalocele	1586	6	-	2	1	-	1	2	159
Gastroschisis	1586	8	1	2	2	2	1	-	159
Limb reduction defect	1586	12	-	2	3	3	2	2	159
Clrft lip(with or without cleft palate)	1586	14	2	2	4	4	1	1	159
Cleft palate, alone	1586	1	-	-	-	1	-	-	159
Down syndrome	1586	38	4	5	5	13	8	3	159
Suspected chromosomal disorder	1586	74	8	12	26	10	13	5	159
Hypospadias	1586	4	1	-	2	-	1	-	159

- Quantity zero
1 Total number of fetal deaths to residents of areas reporting specified congenital anomalities of the fetus.
2 No response reported for specified congenital anomaly.

FETAL DEATH DOCUMENTATION TABLE 22

FETAL DEATHS BY PLURALITY, BY STATE:
TOTAL OF 50 REPORTING STATES AND THE DISTRICT OF COLUMBIA, 2004
[FETAL DEATHS INCLUDE ONLY THOSE WITH STATED OR PRESUMED PERIOD OF GESTATION OF 20 WEEKS OR MORE: SEE TECHNICAL APPENDIX.]

STATE	Total	PLURALITY		
		Singleton	Twin	Triplet or higher
United States	25,655	23,388	2,046	221
Alabama	536	474	55	7
Alaska	53	51	2	-
Arizona	548	512	28	8
Arkansas	281	252	29	-
California	2,819	2,554	240	25
Colorado	388	366	21	1
Connecticut	254	231	22	1
Delaware	49	49	-	-
District of Columbia	59	54	3	2
Florida	1,649	1,507	130	12
Georgia	1,175	1,076	90	9
Hawaii	97	86	11	-
Idaho	129	113	15	1
Illinois	1,117	1,015	95	7
Indiana	523	481	39	3
Iowa	215	201	13	1
Kansas	193	172	21	-
Kentucky	361	320	37	4
Louisiana	459	425	31	3
Maine	67	62	5	-
Maryland	592	528	62	2
Massachusetts	420	359	57	4
Michigan	745	702	39	4
Minnesota	363	338	25	-
Mississippi	401	388	13	-
Missouri	463	413	46	4
Montana	42	39	3	-
Nebraska	163	148	8	7
Nevada	256	235	18	3
New Hampshire	67	53	12	2
New Jersey	751	677	56	18
New Mexico	87	81	4	2
New York	2,109	1,891	186	32
North Carolina	798	725	68	5
North Dakota	37	36	1	-
Ohio	970	872	88	10
Oklahoma	255	229	24	2
Oregon	195	179	13	3
Pennsylvania	903	828	65	10
Rhode Island	67	60	7	-
South Carolina	479	442	30	7
South Dakota	37	35	2	-
Tennessee	384	365	19	-
Texas	2,070	1,898	161	11
Utah	279	252	22	5
Vermont	29	26	3	-
Virginia	725	660	63	2
Washington	433	403	30	-
West Virginia	146	136	9	1
Wisconsin	359	334	22	3
Wyoming	58	55	3	-

- Quantity zero

FETAL DEATH DOCUMENTATION TABLE 23. (REVISED STATES).
FETAL DEATHS BY PLACE OF DELIVERY, BY AGE OF MOTHER:
TOTAL OF REPORTING AREAS, IDAHO, MICHIGAN, UTAH, AND WASHINGTON, 2004
[FETAL DEATHS INCLUDE ONLY THOSE WITH STATED OR PRESUMED PERIOD OF GESTATION OF 20 WEEKS OR MORE:
SEE TECHNICAL APPENDIX.]

PLACE OF DELIVERY	Total	AGE OF MOTHER								
		Under 15 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years	40-44 years	45-49 years	50-54 years
Total	1,586	5	164	361	420	366	212	56	1	1
Hospital	1,516	4	152	351	408	347	202	51	1	-
Free standing birthing center	3	-	-	1	1	-	-	1	-	-
Home (total)	24	-	7	4	5	6	1	1	-	-
Planned	9	-	2	2	2	1	1	1	-	-
Unplanned	12	-	4	2	3	3	-	-	-	-
Unknown if planned	3	-	1	-	-	2	-	-	-	-
Clinic/Doctor's office	1	-	-	-	-	1	-	-	-	-
Other	3	-	1	2	-	-	-	-	-	-
Unknown	39	1	4	3	6	12	9	3	-	1

- Quantity zero

FETAL DEATH DOCUMENTATION TABLE 24

FETAL DEATHS BY MARITAL STATUS, BY STATE:
TOTAL OF 45 REPORTING STATES AND THE DISTRICT OF COLUMBIA, 2004
[FETAL DEATHS INCLUDE ONLY THOSE WITH STATED OR PRESUMED PERIOD OF GESTATION OF 20 WEEKS OR MORE: SEE TECHNICAL APPENDIX.]

STATE	Total	MARITAL STATUS	
		Married	Not Married
United States	17,656	9,000	7,947
Alabama	536	244	286
Alaska	53	34	19
Arizona	548	287	252
Arkansas	281	143	133
Colorado	388	236	143
Connecticut	254	146	102
Delaware	49	21	28
District of Columbia	59	19	37
Florida	1,649	759	806
Georgia	1,175	541	628
Hawaii	97	61	29
Idaho	129	90	37
Illinois	1,117	579	463
Indiana	523	259	253
Iowa	215	127	87
Kansas	193	112	79
Kentucky	361	225	135
Louisiana	459	180	265
Maine	67	28	34
Maryland	592	296	287
Massachusetts	420	230	165
Minnesota	363	227	124
Mississippi	401	115	286
Missouri	463	239	221
Montana	42	24	18
Nebraska	163	95	64
New Hampshire	67	45	22
New Jersey	751	382	331
New Mexico	87	37	44
North Carolina	798	394	395
North Dakota	37	18	18
Ohio	970	487	381
Oklahoma	255	121	103
Oregon	195	122	72
Pennsylvania	903	453	404
Rhode Island	67	10	6
South Carolina	479	212	265
South Dakota	37	24	13
Tennessee	384	175	193
Utah	279	222	53
Vermont	29	16	11
Virginia	725	404	261
Washington	433	259	139
West Virginia	146	79	64
Wisconsin	359	188	169
Wyoming	58	35	22

- Quantity zero
NOTE: Excludes data for California, Michigan, Nevada, New York, and Texas, which did not report mother's marital status.

FETAL DEATH DOCUMENTATION TABLE 25. (REVISED STATES).
FETAL DEATHS BY MONTH PRENATAL CARE BEGAN, BY AGE OF MOTHER:
TOTAL OF REPORTING AREAS, IDAHO, MICHIGAN, UTAH, AND WASHINGTON, 2004
[FETAL DEATHS INCLUDE ONLY THOSE WITH STATED OR PRESUMED PERIOD OF GESTATION OF 20 WEEKS OR MORE:
SEE TECHNICAL APPENDIX.]

		AGE OF MOTHER								
MONTH PRENATAL CARE BEGAN	Total	Under 15 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years	40-44 years	45-49 years	50-54 years
Total	1,586	5	164	361	420	366	212	56	1	1
First	133	-	15	27	35	34	19	3	-	-
Second	392	-	34	80	111	102	52	13	-	-
Third	410	-	36	88	115	98	56	17	-	-
Fourth	143	1	24	39	44	19	12	4	-	-
Fifth	61	1	6	22	13	8	8	3	-	-
Six	29	-	2	9	10	6	1	1	-	-
Seventh	17	-	2	4	2	4	3	1	1	-
Eighth	8	-	3	2	-	1	2	-	-	-
Tenth	5	-	1	1	1	1	1	-	-	-
None	53	1	11	15	10	8	7	1	-	-
Not stated	335	2	30	74	79	85	51	13	-	1

- Quantity zero

FETAL DEATH DOCUMENTATION TABLE 26. (REVISED STATES).
FETAL DEATHS BY NUMBER OF PRENATAL VISITS, BY AGE OF MOTHER:
TOTAL OF REPORTING AREAS, IDAHO, MICHIGAN, UTAH, AND WASHINGTON, 2004
[FETAL DEATHS INCLUDE ONLY THOSE WITH STATED OR PRESUMED PERIOD OF GESTATION OF 20 WEEKS OR MORE:
SEE TECHNICAL APPENDIX.]

NUMBER OF PRENATAL VISITS	Total	AGE OF MOTHER								
		Under 15 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years	40-44 years	45-49 years	50-54 years
Total	1,586	5	164	361	420	366	212	56	1	1
None	53	1	11	15	10	8	7	1	-	-
1 - 2	68	-	12	23	12	10	7	4	-	-
3 - 4	276	2	36	59	67	57	42	12	1	-
5 - 6	281	-	29	75	72	67	32	6	-	-
7 - 8	176	-	13	37	53	39	23	11	-	-
9 - 10	165	-	14	37	46	39	24	5	-	-
11 - 12	121	-	10	27	41	28	11	4	-	-
13 - 18	98	-	2	18	29	30	14	5	-	-
19 - 49	18	-	-	3	10	3	2	-	-	-
50 - 98	3	-	2	1	-	-	-	-	-	-
Not stated	327	2	35	66	80	85	50	8	-	1

- Quantity zero

FETAL DEATH DOCUMENTATION TABLE 27. (REVISED STATES).
FETAL DEATHS BY PARTICIPATION IN WIC DURING PREGNANCY, BY AGE OF MOTHER:
TOTAL OF REPORTING AREAS, IDAHO, MICHIGAN, UTAH, AND WASHINGTON, 2004
[FETAL DEATHS INCLUDE ONLY THOSE WITH STATED OR PRESUMED PERIOD OF GESTATION OF 20 WEEKS OR MORE:
SEE TECHNICAL APPENDIX.]

		AGE OF MOTHER								
PARTICIPATION IN WIC	Total	Under 15 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years	40-44 years	45-49 years	50-54 years
Total	1,586	5	164	361	420	366	212	56	1	1
Yes	309	1	65	96	81	41	17	8	-	-
No	1,017	3	67	209	273	267	162	35	1	-
Not stated	260	1	32	56	66	58	33	13	-	1

- Quantity zero

Technical Appendix—Fetal Death 2004

The U.S. Standard Report of Fetal Death closely resembles the U.S. Certificate of Live Birth in both format and content. The majority of items on the Fetal Death Report are the same as those on the birth certificate. For fetal death information not found in the following discussion on the fetal death data file, please see *The Technical Appendix from the Vital Statistics of the United States, 2004 Volume 1—Natality.*

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Introduction

This appendix, published by the Centers for Disease Control and Prevention's National Center for Health Statistics (NCHS), focuses on information for the 2004 fetal death data file. Reference is made to the birth file's "2004 Technical Appendix" for historical context, a more lengthy discussion of some variables, and the quality and completeness of the vital registry data (1). The majority of items on the Fetal Death Report are the same as those on the birth certificate. The Natality Technical Appendix supplements the "Technical Notes" section of "Births: Final data for 2004" (2) and is recommended for use with the public-use file for 2004 births, available on CD-ROM from NCHS, and the tabulated data of "Vital Statistics of the United States, 2004 Volume I, Natality" (3).

Fetal death definition

The *1992 Revision of the Model State Vital Statistics Act and Regulations* recommends the following definition of fetal death. This definition is based on that promulgated by the World Health Organization in 1950.

> "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 (4).

The term "fetal death" is defined on an all-inclusive basis to avoid confusion arising from the use of such terms as stillbirth, spontaneous abortion, and miscarriage. This definition has been adopted by NCHS as the nationally recommended standard. All 57 registration areas except Puerto Rico and Wisconsin have definitions similar to the standard definition (5,6). Puerto Rico and Wisconsin have no formal definition. Fetal deaths do not include induced terminations of pregnancy.

As another step toward increasing comparability of data on fetal deaths for different countries, WHO recommends that for statistical purposes fetal deaths be classified as early, intermediate, and late. These groups are defined as follows:

Less than 20 completed weeks of gestation
(early fetal deaths).....Group I
20 completed weeks of gestation but less than 28
(intermediate fetal deaths).....Group II
28 completed weeks of gestation and over

(late fetal deaths).....Group III
Gestation period not classifiable in groups I, II, and III.....Group IV

Group IV consists of fetal deaths with gestation not stated but presumed to be 20 weeks or more.

Until 1939, the nationally recommended procedure for registration of a fetal death required the filing of a live-birth certificate and a death certificate. In 1939, a separate Standard Certificate of Stillbirth (fetal death) was created to replace the former procedure. This certificate was revised in 1949, 1956, 1968, 1978, 1989 (Figure 1), and, most recently, in 2003 (Figure 2). You may also see the 2003 U.S. Standard Report of Fetal Death at the Revision website, http://www.cdc.gov/nchs/vital_certs_rev.htm and at: http://www.cdc.gov/nchs/data/dvs/FDEATH11-03finalACC.pdf.

The 1977 revision of the *Model State Vital Statistics Act and Model State Vital Statistics Regulations* (7) recommended that spontaneous fetal deaths at a gestation of 20 weeks or more or a weight of 350 grams or more be reported. The Model Law also recommended that the form for reporting fetal deaths be changed from a certificate to a legally required statistical report. The 1992 revision of the *Model State Vital Statistics Act and Regulations* (4) changed the recommended reporting requirement to all spontaneous fetal deaths weighing 350 grams or more, or if weight is unknown, fetal deaths of 20 completed weeks of gestation.

Beginning with fetal deaths reported in 1970, procedures were implemented that attempted to separate reports of spontaneous fetal deaths from those of induced terminations of pregnancy. These procedures were implemented because the health implications of spontaneous fetal deaths are different from those of induced terminations of pregnancy. These procedures are still used (8).

Reporting requirements and completeness

All states have adopted laws requiring the reporting of fetal deaths. Responsibility for completing the report rests with either the hospital or funeral director, depending on state requirements. Registration area requirements for reporting fetal deaths vary (6). Most of the areas require reporting of fetal death at gestations of 20 weeks or more. Table A shows the minimum period of gestation required by each state to report a fetal death in 2004. Substantial evidence indicates some fetal deaths for which reporting is required are not reported (9–12).

Under-reporting of fetal deaths is most likely to occur in the earlier part of the required reporting period for each state (10). Thus, for states requiring reporting of all periods of gestation, fetal deaths occurring under 20 weeks of gestation are less completely reported; for states requiring reporting of fetal deaths of 20 weeks or more, fetal deaths occurring at 20–23 weeks are less completely reported. Thus, reporting of fetal deaths at 20–23 weeks of gestation may be more complete for those states that report fetal deaths at all periods of gestation than for others.

To maximize the comparability of data by year and by state, most of the tables on fetal deaths published by NCHS are based on fetal deaths occurring at gestations of 20 weeks or more. These tabulations also include fetal deaths for which gestation is not stated for those states requiring reporting at 20 weeks of gestation or more only. Beginning with 1969 events, fetal

deaths of not stated gestation were excluded for states requiring reporting of all products of conception except for those with a stated birthweight of 500 grams or more. In 2004 this rule was applied to the following states: Hawaii, New York (including New York City), Rhode Island, and Virginia.

Item completeness

Interpretation of fetal death data must include evaluation of the item completeness of reporting. The percent "not stated" is one measure of the quality of the data. Completeness of reporting varies among items and states. See Table B for the percent of fetal death records on which specified items were not stated.

Sources of data

Fetal-death statistics

Fetal-death statistical files for every year are based on all reports of fetal death received by the National Center for Health Statistics (NCHS). The fetal-death reporting system of the United States encompasses the 50 states, the District of Columbia, New York City (which is independent of New York State for the purpose of fetal death registration), Puerto Rico, the Virgin Islands, Guam, American Samoa, and the Commonwealth of the Northern Mariana Islands. In statistical tabulations, United States refers only to the aggregate of the 50 states (including New York City) and the District of Columbia. Data for the territories are presented separately from data for the United States.

Procedures used by NCHS to collect fetal death statistics have changed over the years. Before 1971 tabulations of fetal deaths were based solely on information obtained by NCHS from copies of the original certificates. The information from these copies was edited, coded, and tabulated. Between 1971 and 2004, individual states made the transition from paper to electronic systems, and by 2004, 46 states, New York City, the District of Columbia, Puerto Rico, American Samoa, the Virgin Islands, and the Northern Mariana Islands provided NCHS, via the Vital Statistics Cooperative Program, electronic data files of fetal-death data coded according to NCHS specifications. The remaining four states—Arizona, California, Illinois, and Ohio—and Guam submitted photocopies of original reports of fetal deaths and the data were coded by NCHS.

Standard report of fetal death

For many years, the U.S. Standard Report of Fetal Death, issued by the Public Health Service, has been used as the principal means to attain uniformity in the contents of documents used to collect information on these events (13,14). It has been modified in each state to the extent required by the particular needs of the state or by special provisions of the state vital statistics law. However, the reports or certificates of most states conform closely in content and arrangement to the standard.

Statistics on fetal deaths were first published for the birth-registration area in 1918 and

then every year beginning with 1922. The first issue of the U.S. Standard Certificate of Fetal Death appeared in 1939. Since then, it has been revised periodically by the national vital statistics agency through consultation with state health officers and registrars; Federal agencies concerned with vital statistics; national, state, and county medical societies; and others working in such fields as public health, social welfare, demography, and insurance. This revision procedure has ensured careful evaluation of each item in terms of its current and future usefulness for legal, medical and health, demographic, and research purposes. New items have been added when necessary, and old items have been modified to ensure better reporting; or in some cases, items have been dropped when their usefulness appeared to be limited.

The 1989 version of the U.S. Standard Report of Fetal Death is currently in use by the majority of reporting areas: see Figure 1 (15). New items were added to the U.S. Standard Report of Fetal Death for 1989, including Hispanic origin of the mother and father, medical and other risk factors of pregnancy, obstetric procedures, and method of delivery (16).

2003 revision. In 2003, a revised U.S. Standard Report of Fetal Death (Figure 2) was adopted, with initial implementation on January 1, 2003 in the state of Washington. One additional state, Michigan, revised in 2003 but after January 1. Two states, Idaho and Utah, implemented the revised standard report January 1, 2004. Two additional states, Kentucky and Oklahoma, implemented the revised standard report in 2004, but after January 1. Full implementation in all states will be phased in over several years. A key aspect of the 2003 Revision of the United States Standard Report of Fetal Death has been the re-engineering of the data collection and transmission system. The intent of the re-engineering is to improve data quality, to speed data collection and transmission, and to enhance standardization of vital statistics reporting of the 2003 Revision. This effort is described on the Internet at: http://www.cdc.gov/nchs/data/dvs/FDEATH11-03finalACC.pdf (17). Data to complete the report will be obtained from two sources: the Patient's Worksheet and the Facility Worksheet. In the Patient's Worksheet, data are directly obtained from the patient and include such data as race, Hispanic origin, educational attainment, etc. In the Facility Worksheet, data are obtained directly from medical records of the patient with items such as date of last menstrual period, prenatal care, risk factors, etc. To assist hospital staff in completing the Facility Worksheet, a comprehensive instruction manual was developed: *Guide to Completing the Facility Worksheets for the Certificate of Live Birth and Report of Fetal Death (2003 Revision)* (18).

The 2004 Fetal Death File

The 2004 Fetal Death Data File consists of data items from the 1989 Revision of the U.S. Standard Report of Fetal Death used by 44 states and the District of Columbia. It also includes selected data from six states, Idaho, Kentucky, Michigan, Oklahoma, Utah, and Washington, which implemented the 2003 revision of the U.S. Standard Report of Fetal Death. As noted above, Kentucky and Oklahoma revised after January 1, 2004. Where comparable, data from the revised states are combined with data from the remaining 44 states and the District of Columbia. Data for items which are reported for both the 1989 and the 2003 fetal death reports, but which are not comparable between revisions, such as educational attainment, month prenatal care began and tobacco use, are included in this data set. Noncomparable data for states which revised in

2004, but after January 1, are considered "not reported." However, data for new items exclusive to the 2003 Standard Report of Fetal Death, such as maternal morbidity, are not included in this data set. It should also be noted that cause-of-death data are not currently available in the public use Fetal Death file.

The general rules used to classify fetal deaths by maternal characteristics are set forth in "Vital Statistics Classification and Coding Instructions for Fetal Death Records, 1999–2001," *NCHS Instruction Manual*, Part 3b (19). Comparable information for the 2004 revised data is available from: http://www.cdc.gov/nchs/data/dvs/FinalFetalDeathSpecs2-22-05.pdf.
The instruction materials are for states to use in coding the data items; they do not include NCHS recodes. Therefore, the file layout is a better source of information on the code structure because it provides the exact codes and recodes that are available. Classification of selected key items is discussed in the following pages. Information on the completeness of reporting of fetal death record data is shown in Table B. For information on the data items not discussed in this section, see *The Technical Appendix from the Vital Statistics of the United States, 2004 Volume 1—Natality* (1).

Data items

Period of gestation

The period of gestation is the number of completed weeks elapsed between the first day of the last normal menstrual period (LMP) and the date of delivery. The first day of the LMP is used as the initial date because it can be more accurately determined than the date of conception, which usually occurs 2 weeks after LMP. Data on period of gestation are computed from information on "date of delivery" and "date last normal menses began." If "date last normal menses began" is not on the record or if the calculated gestation falls beyond a duration considered biologically plausible, the "Clinical estimate of gestation" is used (Figure 1 and 2).

To improve data quality, beginning with data for 1989, NCHS instituted a computer edit to check for consistency between gestation and birthweight (19). Briefly, if LMP gestation is inconsistent with birthweight, and the clinical estimate is consistent, the clinical estimate is used; if both are inconsistent with birthweight but are consistent with each other, LMP gestation is used, and birthweight is assigned to unknown. All areas reported LMP in 2004, and all areas except California reported the clinical or obstetric estimate of gestation.
Not stated gestational age—Fetal deaths with gestational age not stated are presumed to be of 20 weeks of gestation or more if the state requires reporting of all fetal deaths at a gestational age of 20 weeks or more or the fetus weighed 500 grams or more in those states requiring reporting of all fetal deaths, regardless of gestational age.

Birthweight

Most of the 57 registration areas do not specify how weight should be given, that is, in pounds and ounces or in grams. In the tabulation and presentation of birthweight data, the metric system (grams) has been used to facilitate comparison with other data published in the United States and internationally. Birthweight specified in pounds and ounces is assigned the equivalent of the gram intervals, as follows:

Less than 350 grams = 0 lb 12 oz or less
350–499 grams = 0 lb 13 oz–1 lb 1 oz
500–999 grams = 1 lb 2 oz–2 lb 3 oz
1,000–1,499 grams = 2 lb 4 oz–3 lb 4 oz
1,500–1,999 grams = 3 lb 5 oz–4 lb 6 oz
2,000–2,499 grams = 4 lb 7 oz–5 lb 8 oz
2,500–2,999 grams = 5 lb 9 oz–6 lb 9 oz
3,000–3,499 grams = 6 lb 10 oz–7 lb 11 oz
3,500–3,999 grams = 7 lb 12 oz–8 lb 13 oz
4,000–4,499 grams = 8 lb 14 oz–9 lb 14 oz
4,500–4,999 grams = 9 lb 15 oz–11 lb 0 oz
5,000 grams or more = 11 lb 1 oz or more

Hispanic origin and race

Race and Hispanic origin are reported independently on the fetal death report. In tabulations of fetal death data by race and Hispanic origin, data for Hispanic persons are not further classified by race because the majority of women of Hispanic origin are reported as white.

In 1997, the Office of Management and Budget (OMB) issued "Revisions to the Standards for the Classification of Federal Data on Race and Ethnicity" (20,21). The 1997 revised standards incorporated two major changes designed to reflect the changing racial and ethnic profile of the United States. First, the revision increased from four to five the minimum set of categories to be used by federal agencies for identification of race. The 1977 standards required federal agencies to report race-specific tabulations using a minimum set of four single-race categories: American Indian or Alaska Native (AIAN), Asian or Pacific Islander (API), black, and white. The revised standards called for reporting of Asians separately from Native Hawaiians or other Pacific Islanders. The revised standards also require federal data collection programs to allow respondents to select *one or more race categories*.

Beginning with the 2003 data year, multiple-race was reported for fetal deaths by the two revised states, Washington as of January 1, and Michigan after January 1. In 2004, six revised states: Idaho, Kentucky, Michigan, Oklahoma, Utah, and Washington, plus Minnesota reported multiple race. However, in 2004, multiple race data are not available for Kentucky and Oklahoma for all of 2004 because they revised after the beginning of the year. In sum, a full year of multiple race data is available for one state (Washington) for 2003, and five states (Idaho, Michigan, Minnesota, Utah, and Washington) for 2004. Data from the vital records of the remaining 43 states and the District of Columbia followed the 1977 OMB standards in which a single race is reported (20,21). In addition, these areas also report the minimum set of four races as stipulated in the 1977 standards, compared with the minimum of five races for the 1997 standards.

To provide uniformity and comparability of the data during the transition period, before multiple-race data are available for all reporting areas, it is necessary to "bridge" the responses of those who reported more than one race to a single-race. Multiple-race is imputed to a single race (one of the following: AIAN, API, black, or white) according to the combination of races,

Hispanic origin, sex, and age indicated on the fetal death report of the mother or father. The bridging procedure imputes multiple-race of mothers as reported on the fetal death report to one of the four minimum races stipulated in the 1977 OMB standards, that is, AIAN, API, black, or white.

Beginning with data for 1989, NCHS is tabulating fetal death, perinatal, and live birth data by race of mother. When the race of the mother is unknown, the mother is assigned the father's race; when information for both parents is missing, the race of the mother is assigned to the specific race of the mother of the preceding record with known race. Information on procedures used in 1988 and prior years is presented elsewhere (22).

Age of mother

Beginning with data for 1989, the U.S. Standard Report of Fetal Death asks for the mother's date of birth. Age of mother is computed from the mother's date of birth and the date of delivery. For those states whose certificates do not contain an item for the mother's date of birth, reported age of the mother (in years) is used. The age of the mother is edited in NCHS for upper and lower limits. When mothers are reported to be under 10 years of age or 55 years of age and over, the age of the mother is considered not stated and is assigned as follows: Age on all fetal-death records with age of mother not stated is assigned according to the age appearing on the record previously processed for a mother of identical race and having the same total-birth order (total of live births and other terminations).

Sex of fetus

Beginning with data for 1989, for all fetal deaths of 20 weeks of gestation or more, not-stated sex of fetus is assigned the sex of the fetus from the previous record. Before 1989, no such assignment was made.

Total-birth order

Total-birth order refers to the sum of live births and other terminations (including spontaneous fetal deaths and induced terminations of pregnancy) a woman has had, including the fetal death being recorded. For example, if a woman has given birth to two live babies and to one born dead, the next fetal death to occur is counted as number four in total-birth order.

Beginning with implementation of the 1989 revision of the U.S. Standard Report of Fetal Death, total-birth order is calculated from three items on pregnancy history: Number of previous live births now living; number of previous live births now dead; and number of other terminations (spontaneous and induced at anytime after conception). For prior years, total-birth order was calculated from four items; see the Technical Appendix from *Vital Statistics of the United States*, 1988.

Although all registration areas use the two standard items pertaining to number of previous live births, registration areas phrase the item pertaining to other terminations of pregnancy differently. Total-birth order for all areas is calculated from the sum of available information. Thus, information on total-birth order may not be completely comparable among the registration areas. In addition, there may be substantial under-reporting of other terminations of pregnancy on the fetal-death report (9–12).

Computation of rates and ratios

Rates and ratios based on live births—Fetal-death and perinatal mortality *ratios*, such as shown in *Fetal and Perinatal Mortality, United States, 2003* (23) and *Health, United States, 2006* (24), are computed on the basis of the number of live births. Fetal-death and perinatal mortality *rates* are computed on the basis of the number of live births and fetal deaths. Counts of live births are published annually in *Births: Final Data* (2).

Perinatal mortality

Perinatal definitions—Beginning with data year 1979, perinatal mortality data have been published for the United States. In ICD–10 (25), WHO recommends that national perinatal statistics should include all fetuses and infants delivered weighing at least 500 grams (or when birthweight is unavailable, the corresponding gestational age (22 weeks) or body length (25 cm crown-heel)), whether alive or dead. It further recommends that countries should present, solely for international comparisons, standard perinatal statistics in which both the numerator and denominator of all rates are restricted to fetuses and infants weighing 1,000 grams or more (or, where birthweight is unavailable, the corresponding gestational age (28 weeks) or body length (35 cm crown-heel)). The international recommendation is intended to capture statistics that are comparable and well-measured whereas countries are encouraged to capture earlier events because of the importance of the earlier events and because it improves the completeness of reporting of later events.

Three definitions of perinatal mortality were developed for use by NCHS: Perinatal Definition I, generally used for international comparisons, which includes fetal deaths of 28 weeks of gestation or more and infant deaths under 7 days; Perinatal Definition II, which includes fetal deaths of 20 weeks of gestation or more and infant deaths under 28 days; and Perinatal Definition III, which includes fetal deaths of 20 weeks of gestation or more and infant deaths under 7 days. Because birthweight and gestational age are not reported on the death certificate in the United States, NCHS was not initially able to produce statistics by birthweight and gestational age. Perinatal statistics can now be produced by birthweight or gestational age by using NCHS' linked birth/infant death data set for the infant death component of the perinatal events.

Variations in fetal death reporting requirements and practices have implications for comparing perinatal rates among states. Because reporting is generally sporadic near the lower limit of the reporting requirement, states that require reporting of all products of pregnancy, regardless of gestation, are likely to have more complete reporting of fetal deaths at 20 weeks or more than those states that do not. The larger number of fetal deaths reported for these "all periods" states may result in higher perinatal mortality rates than those rates reported for states whose reporting is less complete. Accordingly, reporting completeness may account, in part, for differences among the state perinatal rates, particularly differences for Definitions II and III, which use data for fetal deaths at 20–27 weeks (23).

Not stated—Fetal deaths with gestational age not stated are presumed to be of 20 weeks of gestation or more if the state requires reporting of all fetal deaths at a gestational age of 20

weeks or more or the fetus weighed 500 grams or more in those states requiring reporting of all fetal deaths, regardless of gestational age. For Definition I, fetal deaths at a gestation not stated but presumed to have been of 20 weeks or more are allocated to the category 28 weeks or more, according to the proportion of fetal deaths with stated gestational age that falls into that category. For Definitions II and III, fetal deaths at a presumed gestation of 20 weeks or more are included with those at a stated gestation of 20 weeks or more.

The allocation of not-stated gestational age for fetal deaths is made individually for each state, for metropolitan and nonmetropolitan areas, and separately for the entire United States. Accordingly, the sum of perinatal deaths for the areas according to Definition I may not equal the total number of perinatal deaths for the United States.

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SYMBOLS USED IN TABLES

Data not available.....	---
Category not applicable.....	...
Quantity zero.....	–
Quantity more than 0 but less than 0.05.....	0.0
Figure does not meet standards of reliability or precision.....	*

Figure 1

TYPE/PRINT IN PERMANENT BLACK INK FOR INSTRUCTIONS SEE HANDBOOK

U.S. STANDARD

REPORT OF FETAL DEATH

STATE FILE NUMBER

1. FACILITY NAME *(If not institution, give street and number)*

2. CITY, TOWN, OR LOCATION OF DELIVERY | 3. COUNTY OF DELIVERY | 4. DATE OF DELIVERY *(Month, Day, Year)* | 5. SEX OF FETUS

PARENTS

6a. MOTHER'S NAME *(First, Middle, Last)* | 6b. MAIDEN SURNAME | 7. DATE OF BIRTH *(Month, Day, Year)*

8a. RESIDENCE STATE | 8b. COUNTY | 8c. CITY, TOWN, OR LOCATION | 8d. STREET AND NUMBER

8e. INSIDE CITY LIMITS? *(Yes or no)* | 8f. ZIP CODE | 9. FATHER'S NAME *(First, Middle, Last)* | 10. DATE OF BIRTH *(Month, Day, Year)*

	11. OF HISPANIC ORIGIN? (Specify No or Yes—If yes, specify Cuban, Mexican, Puerto Rican, etc.)	12. RACE—American Indian, Black, White, etc. *(Specify below)*	13. EDUCATION *(Specify only highest grade completed)* Elementary/Secondary (0-12)	College (1-4 or 5+)	14. OCCUPATION AND BUSINESS/INDUSTRY *(Worked during last year)* Occupation	Business/Industry
MOTHER	11a. ☐ No ☐ Yes Specify:	12a.	13a.		14a.	14b.
FATHER	11b. ☐ No ☐ Yes Specify:	12b.	13b.		14c.	14d.

15. PREGNANCY HISTORY *(Complete each section)*

LIVE BIRTHS		OTHER TERMINATIONS *(Spontaneous and induced at any time after conception)*
15a. Now Living	15b. Now Dead	15d. *(Do not include this fetus)*
Number ____	Number ____	Number ____
☐ None	☐ None	☐ None
15c. DATE OF LAST LIVE BIRTH *(Month, Year)*		15e. DATE OF LAST OTHER TERMINATION *(Month, Year)*

16. MOTHER MARRIED? (At delivery, conception, or any time between) *(Yes or no)*

17. DATE LAST NORMAL MENSES BEGAN *(Month, Day, Year)*

18. MONTH OF PREGNANCY PRENATAL CARE BEGAN—First, Second, Third, etc. *(Specify)*

19. PRENATAL VISITS—Total Number *(If none, so state)*

20. WEIGHT OF FETUS *(Specify Unit)*

21. CLINICAL ESTIMATE OF GESTATION *(Weeks)*

22a. PLURALITY—Single, Twin, Triplet, etc. *(Specify)*

22b. IF NOT SINGLE BIRTH—Born First, Second, Third, etc. *(Specify)*

MULTIPLE BIRTHS Enter State File Number for Mate(s)

LIVE BIRTH(S)

FETAL DEATH(S)

MEDICAL AND HEALTH INFORMATION

23a. MEDICAL RISK FACTORS FOR THIS PREGNANCY *(Check all that apply)*

- Anemia (Hct. < 30/Hgb. < 10) ... 01 ☐
- Cardiac disease ... 02 ☐
- Acute or chronic lung disease ... 03 ☐
- Diabetes ... 04 ☐
- Genital herpes ... 05 ☐
- Hydramnios/Oligohydramnios ... 06 ☐
- Hemoglobinopathy ... 07 ☐
- Hypertension, chronic ... 08 ☐
- Hypertension, pregnancy-associated ... 09 ☐
- Eclampsia ... 10 ☐
- Incompetent cervix ... 11 ☐
- Previous infant 4000+ grams ... 12 ☐
- Previous preterm or small-for-gestational-age infant ... 13 ☐
- Renal disease ... 14 ☐
- Rh sensitization ... 15 ☐
- Uterine bleeding ... 16 ☐
- None ... 00 ☐
- Other _____ 17 ☐ *(Specify)*

23b. OTHER RISK FACTORS FOR THIS PREGNANCY *(Complete all items)*

- Tobacco use during pregnancy ... Yes ☐ No ☐
  - Average number cigarettes per day ____
- Alcohol use during pregnancy ... Yes ☐ No ☐
  - Average number drinks per week ____
- Weight gained during pregnancy ____ lbs.

24. OBSTETRIC PROCEDURES *(Check all that apply)*

- Amniocentesis ... 01 ☐
- Electronic fetal monitoring ... 02 ☐
- Induction of labor ... 03 ☐
- Stimulation of labor ... 04 ☐
- Tocolysis ... 05 ☐
- Ultrasound ... 06 ☐
- None ... 00 ☐
- Other _____ 07 ☐ *(Specify)*

25. COMPLICATIONS OF LABOR AND/OR DELIVERY *(Check all that apply)*

- Febrile (>100°F. or 38°C.) ... 01 ☐
- Meconium, moderate/heavy ... 02 ☐
- Premature rupture of membrane (>12 hours) ... 03 ☐
- Abruptio placenta ... 04 ☐
- Placenta previa ... 05 ☐
- Other excessive bleeding ... 06 ☐
- Seizures during labor ... 07 ☐
- Precipitous labor (< 3 hours) ... 08 ☐
- Prolonged labor (>20 hours) ... 09 ☐
- Dysfunctional labor ... 10 ☐
- Breech/Malpresentation ... 11 ☐
- Cephalopelvic disproportion ... 12 ☐
- Cord prolapse ... 13 ☐
- Anesthetic complications ... 14 ☐
- Fetal distress ... 15 ☐
- None ... 00 ☐
- Other _____ 16 ☐ *(Specify)*

26. METHOD OF DELIVERY *(Check all that apply)*

- Vaginal ... 01 ☐
- Vaginal birth after previous C-section ... 02 ☐
- Primary C-section ... 03 ☐
- Repeat C-section ... 04 ☐
- Forceps ... 05 ☐
- Vacuum ... 06 ☐
- Hysterotomy/Hysterectomy ... 07 ☐

27. CONGENITAL ANOMALIES OF FETUS *(Check all that apply)*

- Anencephalus ... 01 ☐
- Spina bifida/Meningocele ... 02 ☐
- Hydrocephalus ... 03 ☐
- Microcephalus ... 04 ☐
- Other central nervous system anomalies *(Specify)* _____ 05 ☐
- Heart malformations ... 06 ☐
- Other circulatory/respiratory anomalies *(Specify)* _____ 07 ☐
- Rectal atresia/stenosis ... 08 ☐
- Tracheo esophageal fistula/Esophageal atresia ... 09 ☐
- Omphalocele/Gastroschisis ... 10 ☐
- Other gastrointestinal anomalies *(Specify)* _____ 11 ☐
- Malformed genitalia ... 12 ☐
- Renal agenesis ... 13 ☐
- Other urogenital anomalies *(Specify)* _____ 14 ☐
- Cleft lip/palate ... 15 ☐
- Polydactyly/Syndactyly/Adactyly ... 16 ☐
- Club foot ... 17 ☐
- Diaphragmatic hernia ... 18 ☐
- Other musculoskeletal/integumental anomalies *(Specify)* _____ 19 ☐
- Down's syndrome ... 20 ☐
- Other chromosomal anomalies *(Specify)* _____ 21 ☐
- None ... 00 ☐
- Other _____ 22 ☐ *(Specify)*

TMENT OF HEALTH AND HUMAN SERVICES — PUBLIC HEALTH SERVICE — NATIONAL CENTER FOR HEALTH STATISTICS — 1989 REVISION

DEPAFT

CAUSE OF FETAL DEATH

28.

PART I. Fetal or maternal condition directly causing fetal death.

Enter only one cause per line for a, b, and c.

IMMEDIATE CAUSE

a. _____ Specify Fetal or Maternal

DUE TO (OR AS A CONSEQUENCE OF):

Fetal and/or maternal conditions, if any, giving rise to the immediate cause(s), stating the underlying cause last.

b. _____ Specify Fetal or Maternal

DUE TO (OR AS A CONSEQUENCE OF):

c. _____ Specify Fetal or Maternal

PART II. Other significant conditions of fetus or mother contributing to fetal death but not resulting in the underlying cause given in Part I.

_____

_____

29. FETUS DIED BEFORE LABOR, DURING LABOR OR DELIVERY, UNKNOWN *(Specify)*

30. ATTENDANT'S NAME AND TITLE *(Type/Print)*

Name _____

☐ M.D. ☐ D.O. ☐ C.N.M. ☐ Other Midwife

☐ Other *(Specify)* _____

31. NAME AND TITLE OF PERSON COMPLETING REPORT *(Type/Print)*

Name _____

Title _____

PHS-T-007
REV. 1/89

LOCAL FILE NO.

US STANDARD REPORT OF FETAL DEATH

STATE FILE NUMBER:

MOTHER

1. NAME OF FETUS (optional-at the discretion of the parents)
2. TIME OF DELIVERY (24hr)
3. SEX (M/F/Unk)
4. DATE OF DELIV ERY (Mo/Day/Yr)

5a. CITY, TOWN, OR LOCATION OF DELIVERY

5b. ZIP CODE OF DELIVERY

6. COUNTY OF DELIVERY

7. PLACE WHERE DELIVERY OCCURRED (Check one)

- ☐ Hospital
- ☐ Freestanding birthing center
- ☐ Home Delivery: Planned to deliver at home? ☐ Yes ☐ No
- ☐ Clinic/Doctor's office
- ☐ Other (Specify)_____

8. FACILITY NAME (If not institution, give street and number)

9. FACILITY ID. (NPI)

10a. MOTHER'S CURRENT LEGAL NAME (First, Middle, Last, Suffix)

10b. DATE OF BIRTH (Mo/Day/Yr)

10c. MOTHER'S NAME PRIOR TO FIRST MARRIAGE (First, Middle, Last, Suffix)

10d. BIRTHPLACE (State, Territory, or Foreign Country)

11a. RESIDENCE OF MOTHER-STATE

11b. COUNTY

11c. CITY, TOWN, OR LOCATION

11d. STREET AND NUMBER

11e. APT. NO.

11f. ZIP CODE

11g. INSIDE CITY LIMITS? ☐ Yes ☐ No

FATHER

12a. FATHER'S CURRENT LEGAL NAME (First, Middle, Last, Suffix)

12b. DATE OF BIRTH (Mo/Day/Yr)

12c. BIRTHPLACE (State, Territory, or Foreign Country)

DISPOSITION

13. METHOD OF DISPOSITION:

☐ Burial ☐ Cremation ☐ Hospital Disposition ☐ Donation ☐ Removal from State ☐ Other (Specify)_____

ATTENDANT AND REGISTRATION INFORMATION

14. ATTENDANT'S NAME, TITLE, AND NPI

NAME: _____

NPI:_____

TITLE: ☐ MD ☐ DO ☐ CNM/CM ☐ OTHER MIDWIFE

☐ OTHER (Specify)_____

15. NAME AND TITLE OF PERSON COMPLETING REPORT

Name _____

Title _____

16. DATE REPORT COMPLETED

_____/ _____ / _____
MM DD YYYY

17. DATE RECEIVED BY REGISTRAR

_____/ _____ / _____
MM DD YYYY

CAUSE OF FETAL DEATH

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

- ☐ Rupture of membranes prior to onset of labor
- ☐ Abruptio placenta
- ☐ Placental insufficiency
- ☐ Prolapsed cord
- ☐ Chorioamnionitis
- ☐ Other Specify)_____

Other Obstetrical or Pregnancy Complications (Specify) _____

_____

Fetal Anomaly (Specify) _____

_____

Fetal Injury (Specify) _____

Fetal Infection (Specify) _____

Other Fetal Conditions/Disorders (Specify) _____

_____

☐ 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

- ☐ Rupture of membranes prior to onset of labor
- ☐ Abruptio placenta
- ☐ Placental insufficiency
- ☐ Prolapsed cord
- ☐ Chorioamnionitis
- ☐ Other Specify)_____

Other Obstetrical or Pregnancy Complications (Specify) _____

_____

Fetal Anomaly (Specify) _____

_____

Fetal Injury (Specify) _____

Fetal Infection (Specify) _____

Other Fetal Conditions/Disorders (Specify) _____

_____

☐ Unknown

18c. WEIGHT OF FETUS (grams preferred, specify unit)

_____
☐ grams ☐ lb/oz

18d. OBSTETRIC ESTIMATE OF GESTATION AT DELIVERY

_____ (completed weeks)

18e. ESTIMATED TIME OF FETAL DEATH

- ☐ Dead at time of first assessment, no labor ongoing
- ☐ Dead at time of first assessment, labor ongoing
- ☐ Died during labor, after first assessment
- ☐ Unknown time of fetal death

18f. WAS AN AUTOPSY PERFORMED? ☐ Yes ☐ No ☐ Planned

18g. WAS A HISTOLOGICAL PLACENTAL EXAMINATION PERFORMED? ☐ Yes ☐ No ☐ Planned

18h. WERE AUTOPSY OR HISTOLOGICAL PLACENTAL EXAMINATION RESULTS USED IN DETERMINING THE CAUSE OF FETAL DEATH? ☐ Yes ☐ No

Mother's Name _____

Mother's Medical Record No. _____

MOTHER

19. MOTHER'S EDUCATION (Check the box that best describes the highest degree or level of school completed at the time of delivery)

- ☐ 8th grade or less
- ☐ 9th - 12th grade, no diploma
- ☐ High school graduate or GED completed
- ☐ Some college credit but no degree
- ☐ Associate degree (e.g., AA, AS)
- ☐ Bachelor's degree (e.g., BA, AB, BS)
- ☐ Master's degree (e.g., MA, MS, MEng, MEd, MSW, MBA)
- ☐ Doctorate (e.g., PhD, EdD) or Professional degree (e.g., MD, DDS, DVM, LLB, JD)

20. MOTHER OF HISPANIC ORIGIN? (Check the box that best describes whether the mother is Spanish/Hispanic/Latina. Check the "No" box if mother is not Spanish/Hispanic/Latina)

- ☐ No, not Spanish/Hispanic/Latina
- ☐ Yes, Mexican, Mexican American, Chicana
- ☐ Yes, Puerto Rican
- ☐ Yes, Cuban
- ☐ Yes, other Spanish/Hispanic/Latina

(Specify)_____

21. MOTHER'S RACE (Check one or more races to indicate what the mother considers herself to be)

- ☐ White
- ☐ Black or African American
- ☐ American Indian or Alaska Native (Name of the enrolled or principal tribe)_____
- ☐ Asian Indian
- ☐ Chinese
- ☐ Filipino
- ☐ Japanese
- ☐ Korean
- ☐ Vietnamese
- ☐ Other Asian (Specify)_____
- ☐ Native Hawaiian
- ☐ Guamanian or Chamorro
- ☐ Samoan
- ☐ Other Pacific Islander (Specify)_____
- ☐ Other (Specify)_____

22. MOTHER MARRIED? (At delivery, conception, or anytime between) ☐ Yes ☐ No

23a. DATE OF FIRST PRENATAL CARE VISIT
_____ /_____/ _____ ☐ No Prenatal Care
M M D D YYYY

23b. DATE OF LAST PRENATAL CARE VISIT
_____ /_____/ _____
M M D D YYYY

24. TOTAL NUMBER OF PRENATAL VISITS FOR THIS PREGNANCY
_____ (If none, enter "0".)

25. MOTHER'S HEIGHT
_____ (feet/inches)

26. MOTHER'S PREPREGNANCY WEIGHT
_____ (pounds)

27. MOTHER'S WEIGHT AT DELIVERY
_____ (pounds)

28. DID MOTHER GET WIC FOOD FOR HERSELF DURING THIS PREGNANCY? ☐ Yes ☐ No

29. NUMBER OF PREVIOUS LIVE BIRTHS

29a. Now Living
Number _____
☐ None

29b. Now Dead
Number _____
☐ None

30. NUMBER OF OTHER PREGNANCY OUTCOMES (spontaneous or induced losses or ectopic pregnancies)

30a. Other Outcomes
Number (Do not include this fetus) ____
☐ None

31. CIGARETTE SMOKING BEFORE AND DURING PREGNANCY
For each time period, enter either the number of cigarettes or the number of packs of cigarettes smoked. IF NONE, ENTER "0".

Average number of cigarettes or packs of cigarettes smoked per day.

	# of cigarettes		# of packs
Three Months Before Pregnancy	_____	OR	_____
First Three Months of Pregnancy	_____	OR	_____
Second Three Months of Pregnancy	_____	OR	_____
Third Trimester of Pregnancy	_____	OR	_____

29c. DATE OF LAST LIVE BIRTH
_____/_____
MM Y Y Y Y

30b. DATE OF LAST OTHER PREGNANCY OUTCOME
_____/_____
MM Y Y Y Y

32. DATE LAST NORMAL MENSES BEGAN
____ /_____/ _____
MM D D Y Y Y Y

33. PLURALITY - Single, Twin, Triplet, etc.
(Specify)_____

34. IF NOT SINGLE BIRTH- Born First, Second, Third, etc.
(Specify)_____

35. MOTHER TRANSFERRED FOR MATERNAL MEDICAL OR FETAL INDICATIONS FOR DELIVERY? ☐ Yes ☐ No
IF YES, ENTER NAME OF FACILITY MOTHER TRANSFERRED FROM: _____

MEDICAL AND HEALTH INFORMATION

36. RISK FACTORS IN THIS PREGNANCY (Check all that apply):

Diabetes
- ☐ Prepregnancy (Diagnosis prior to this pregnancy)
- ☐ Gestational (Diagnosis in this pregnancy)

Hypertension
- ☐ Prepregnancy (Chronic)
- ☐ Gestational (PIH, preeclampsia)
- ☐ Eclampsia

- ☐ Previous preterm birth
- ☐ Other previous poor pregnancy outcome (Includes perinatal death, small-for-gestational age/intrauterine growth restricted birth)
- ☐ Pregnancy resulted from infertility treatment-If yes, check all that apply:
  - ☐ Fertility-enhancing drugs, Artificial insemination or Intrauterine insemination
  - ☐ Assisted reproductive technology (e.g., in vitro fertilization (IVF), gamete intrafallopian transfer (GIFT))
- ☐ Mother had a previous cesarean delivery
  If yes, how many _____
- ☐ None of the above

37. INFECTIONS PRESENT AND/OR TREATED DURING THIS PREGNANCY (Check all that apply)

- ☐ Gonorrhea
- ☐ Syphilis
- ☐ Chlamydia
- ☐ Listeria
- ☐ Group B Streptococcus
- ☐ Cytomegalovirus
- ☐ Parvovirus
- ☐ Toxoplasmosis
- ☐ None of the above
- ☐ Other (Specify)_____

38. METHOD OF DELIVERY

A. Was delivery with forceps attempted but unsuccessful?
☐ Yes ☐ No

B. Was delivery with vacuum extraction attempted but unsuccessful?
☐ Yes ☐ No

C. Fetal presentation at delivery
- ☐ Cephalic
- ☐ Breech
- ☐ Other

D. Final route and method of delivery (Check one)
- ☐ Vaginal/Spontaneous
- ☐ Vaginal/Forceps
- ☐ Vaginal/Vacuum
- ☐ Cesarean
  If cesarean, was a trial of labor attempted?
  - ☐ Yes
  - ☐ No

E. Hysterotomy/Hysterectomy
☐ Yes ☐ No

39. MATERNAL MORBIDITY (Check all that apply) (Complications associated with labor and delivery)

- ☐ Maternal transfusion
- ☐ Third or fourth degree perineal laceration
- ☐ Ruptured uterus
- ☐ Unplanned hysterectomy
- ☐ Admission to intensive care unit
- ☐ Unplanned operating room procedure following delivery
- ☐ None of the above

40. CONGENITAL ANOMALIES OF THE FETUS (Check all that apply)

- ☐ Anencephaly
- ☐ Meningomyelocele/Spina bifida
- ☐ Cyanotic congenital heart disease
- ☐ Congenital diaphragmatic hernia
- ☐ Omphalocele
- ☐ Gastroschisis
- ☐ Limb reduction defect (excluding congenital amputation and dwarfing syndromes)
- ☐ Cleft Lip with or without Cleft Palate
- ☐ Cleft Palate alone
- ☐ Down Syndrome
  - ☐ Karyotype confirmed
  - ☐ Karyotype pending
- ☐ Suspected chromosomal disorder
  - ☐ Karyotype confirmed
  - ☐ Karyotype pending
- ☐ Hypospadias
- ☐ None of the anomalies listed above

NOTE: This recommended standard fetal death report is the result of an extensive evaluation process.
Information on the process and resulting recommendations as well as plans for future activities is available on the Internet at: http://www.cdc.gov/nchs/vital_certs_rev.htm.

Table A. Period of gestation at which fetal-death reporting is required: Each reporting area, 2004

Area	All periods of gestation	16 weeks	20 weeks	20 weeks or 350 grams	20 weeks or 400 grams	20 weeks or 500 grams	5 months	350 grams	500grams
Alabama			X						
Alaska			X						
Arizona				X					
Arkansas	[1]X								
California			X						
Colorado	[1]X								
Connecticut			X						
Delaware								[2]X	
District of Columbia						X			
Florida			X						
Georgia	[1]X								
Hawaii	X								
Idaho				X					
Illinois			X						
Indiana			X						
Iowa			X						
Kansas								X	
Kentucky				X					
Louisiana				X					
Maine			X						
Maryland			[3]X						
Massachusetts				X					
Michigan					X				
Minnesota			X						
Mississippi				X					
Missouri				X					
Montana								[2]X	
Nebraska			X						
Nevada			X						
New Hampshire				X					
New Jersey			X						
New Mexico									X
New York	X								
New York excluding New York City	X								
New York City	X								
North Carolina			X						
North Dakota			X						
Ohio			X						
Oklahoma			X						
Oregon			X						
Pennsylvania		X							
Rhode Island	X								
South Carolina				X					
South Dakota									X
Tennessee									[4]X
Texas			X						
Utah			X						
Vermont			[5]X						
Virginia	X								
Washington			X						
West Virginia			X						
Wisconsin				X					
Wyoming			X						
Puerto Rico							X		
Virgin Islands	X								
Guam				X					

1/ Although State law requires the reporting of fetal deaths of all periods of gestation, only data for fetal deaths of 20 weeks of gestation or more are provided to NCHS.
2/ If weight is unknown, 20 completed weeks of gestation or more.
3/ If gestational age is unknown, weight of 500 grams or more.
4/ If weight is unknown, 22 completed weeks of gestation or more.
5/ If gestational age is unknown, weight of 400 grams or more, 15 ounces or more.

Table B. Percent of fetal death records on which specified items were not stated: Each state,2004
[By place of residence. Records include only those with stated or presumed period of gestation of 20 weeks or more.]

Area	Length of gestation[1]	Marital status	Place of delivery	Birth weight	Month prenatal care began		Number of prenatal visits	Hispanic origin of mother	Mother's educational attainment		Medical risk factors	Tobacco Use		Alcohol Use	Obstetric procedures	Complications of labor & delivery	Congenital anomalies
					Unrevised states[2]	Revised states[3]			Unrevised states[2]	Revised states[3]		Unrevised states[2]	Revised states[3]				
Total of reporting areas	1.5	4.0	0.1	10.2	13.9	21.1	21.8	6.2	14.3	21.6	8.0	11.6	10.5	[4]8.8	[5]4.8	[5]7.2	8.5
Alabama	–	1.1	–	4.7	6.3	---	5.8	0.7	11.0	---	2.2	3.5	---	4.3	3.0	2.6	3.0
Alaska	1.9	–	–	17.0	15.1	---	32.1	13.2	20.8	---	13.2	5.7	---	7.5	3.8	17.0	22.6
Arizona	0.4	1.6	–	3.6	3.8	---	5.1	4.0	2.4	---	1.6	5.1	---	5.5	1.6	2.2	6.9
Arkansas	–	1.8	–	2.8	8.9	---	12.1	–	9.6	---	0.4	1.8	---	2.1	1.1	0.7	0.7
California	7.5	---	0.1	0.5	3.2	---	5.1	1.1	4.9	---	2.3	---	---	---	2.1	2.6	3.3
Colorado	–	2.3	–	6.7	7.2	---	10.1	1.3	9.0	---	---	10.6	---	10.8	–	–	0.3
Connecticut	0.4	2.4	0.8	5.1	13.0	---	12.2	4.7	27.2	---	9.8	7.1	---	7.9	0.4	6.3	18.1
Delaware	–	–	–	2.0	4.1	---	20.4	–	16.3	---	10.2	10.2	---	10.2	6.1	8.2	12.2
District of Columbia	–	5.1	–	8.5	23.7	---	25.4	3.4	30.5	---	15.3	10.2	---	10.2	8.5	20.3	28.8
Florida	0.2	5.1	–	7.7	16.3	---	19.0	7.5	11.4	---	3.8	6.3	---	7.0	2.5	3.8	6.0
Georgia	1.7	0.5	–	11.2	21.3	---	22.6	15.2	37.0	---	6.8	12.9	---	13.4	3.2	4.6	9.5
Hawaii	–	7.2	1.0	46.4	51.6	---	42.3	29.9	38.1	---	---	---	---	---	---	---	---
Idaho	0.8	1.6	–	8.5	---	8.5	95.3	0.8	---	15.5	---	---	15.5	---	---	---	3.9
Illinois	0.3	6.7	–	8.0	13.0	---	15.2	4.0	8.5	---	17.2	15.1	---	18.0	10.0	19.5	21.4
Indiana	0.8	2.1	0.2	14.0	13.2	---	16.3	2.9	10.5	---	11.7	[6]8.0	---	9.9	12.2	8.6	10.5
Iowa	–	0.5	–	3.3	2.3	---	2.8	1.9	1.9	---	1.9	2.3	---	2.3	0.5	0.5	0.9
Kansas	1.0	1.0	–	1.0	5.2	---	7.8	4.7	6.2	---	11.9	13.0	---	13.0	7.8	7.3	14.0
Kentucky	0.3	0.3	0.6	8.3	---	---	70.9	0.3	---	---	6.1	---	---	---	---	---	8.0
Louisiana	2.2	3.1	–	8.7	8.5	---	7.8	0.2	4.6	---	2.4	4.4	---	5.2	1.7	3.3	2.2
Maine	–	7.5	–	20.9	14.9	---	20.9	23.9	28.4	---	16.4	11.9	---	14.9	7.5	14.9	22.4
Maryland	0.2	1.5	0.2	1.5	12.2	---	13.9	1.2	13.2	---	4.9	2.2	---	2.4	0.8	3.9	14.9
Massachusetts	–	6.0	0.2	5.5	22.4	---	19.0	21.9	21.2	---	19.3	14.8	---	13.3	11.0	20.7	19.0
Michigan	0.5	---	0.1	7.7	---	19.9	19.7	17.0	---	27.8	---	---	---	---	---	---	0.3
Minnesota	0.8	3.3	–	5.0	1.7	---	4.1	2.2	13.5	---	6.6	5.2	---	5.8	4.4	3.3	17.1
Mississippi	1.0	–	–	2.2	13.2	---	20.7	0.7	22.2	---	2.7	7.7	---	8.7	1.5	3.2	6.5
Missouri	0.6	0.6	0.2	5.2	7.3	---	11.2	1.5	10.4	---	1.5	4.1	---	4.5	1.1	1.5	4.1
Montana	–	–	–	11.9	2.4	---	4.8	–	–	---	4.8	4.8	---	7.1	4.8	7.1	4.8
Nebraska	–	2.5	–	6.1	4.9	---	4.9	7.4	3.7	---	1.2	4.3	---	4.3	0.6	0.6	2.5
Nevada	0.4	---	–	14.1	2.7	---	14.5	0.8	7.0	---	13.3	16.0	---	16.8	8.6	15.6	14.5
New Hampshire	–	–	–	6.0	1.5	---	7.5	9.0	9.0	---	6.0	6.0	---	6.0	3.0	1.5	7.5
New Jersey	–	5.1	–	3.7	5.9	---	6.7	0.9	6.5	---	3.3	3.3	---	3.2	2.7	14.5	13.7
New Mexico	1.1	6.9	–	8.0	4.6	---	17.2	1.1	41.4	---	–	2.3	---	2.3	1.1	–	---
New York	1.1	---	–	32.8	39.9	---	38.4	7.0	33.7	---	26.0	[6]50.6	---	14.7	17.3	23.6	---
North Carolina	0.6	1.1	–	4.4	5.4	---	7.1	0.8	5.4	---	0.1	1.8	---	1.9	0.5	0.6	0.6
North Dakota	2.7	2.7	2.7	2.7	2.7	---	2.7	10.8	10.8	---	13.5	8.1	---	10.8	8.1	10.8	18.9
Ohio	0.1	10.5	–	6.3	6.6	---	10.1	0.3	6.3	---	4.9	6.2	---	8.6	3.9	5.8	6.4
Oklahoma	13.3	12.2	–	19.2	---	---	47.1	---	---	---	---	---	---	---	---	---	79.2
Oregon	0.5	0.5	–	4.1	6.7	---	7.7	–	18.5	---	3.1	5.1	---	5.1	–	–	–
Pennsylvania	0.6	5.1	–	12.0	20.0	---	20.4	2.9	14.1	---	11.7	12.8	---	16.3	7.9	11.7	20.6
Rhode Island	1.5	76.1	–	9.0	92.5	---	92.5	94.0	95.5	---	62.7	70.1	---	70.2	65.7	64.2	73.1
South Carolina	0.2	0.4	–	3.3	8.8	---	8.4	0.6	11.3	---	0.8	2.5	---	2.9	0.6	0.8	0.4

South Dakota	–	–	–	2.7	–	---	–	–	2.7	---	2.7	[6]94.6	---	94.6	–	2.7	2.7
Tennessee	1.6	4.2	–	2.3	12.5	---	11.7	1.8	11.5	---	1.8	6.0	---	10.7	2.6	4.4	3.4
Texas	1.0	---	–	10.1	12.3	---	13.9	1.2	6.7	---	[7]13.2	2.4	---	3.7	1.3	[8]2.0	0.2
Utah	1.1	1.4	0.4	48.4	---	7.2	6.1	0.4	---	5.7	0.4	---	5.7	---	---	---	0.4
Vermont	–	6.9	–	13.8	10.3	---	17.2	6.9	–	---	10.3	27.6	---	20.7	3.4	10.3	27.6
Virginia	1.1	8.3	0.1	31.7	33.1	---	37.8	10.9	39.6	---	5.2	5.8	---	5.8	5.2	5.7	6.2
Washington	0.9	8.1	–	24.9	---	36.0	97.0	15.7	---	23.1	---	---	12.0	---	---	---	27.0
West Virginia	0.7	2.1	–	2.1	6.8	---	11.0	1.4	11.0	---	–	6.2	---	8.9	–	–	1.4
Wisconsin	0.8	0.6	–	2.5	7.8	---	11.4	2.2	13.6	---	1.7	1.4	---	1.7	1.4	1.7	10.6
Wyoming	–	1.7	–	3.4	8.6	---	8.6	3.4	3.4	---	3.4	3.4	---	10.3	5.2	6.9	1.7

0.0 Quantity more than zero but less than 0.05.
– Quantity zero.
--- Data not available.

[1/] California and Oklahoma report date last normal menses began but do not report clinical estimate of gestation.
[2/] Data are based on the 1989 Revision of the Report of Fetal Death.
[3/] Data are based on the 2003 Report of Fetal Death.
[4/] Excludes data for Idaho, Kentucky, Michigan, Oklahoma, Utah, and Washington, which implemented the 2003 Revision to the U.S. Report of Fetal Death for 2004. Also excludes data for California and Hawaii.
[5/] Excludes data for Idaho, Kentucky, Micigan, Oklahoma, Utah, and Washington, which implemented the 2003 Revision to the U.S. Report of Fetal Death for 2004. Also excludes data for Hawaii..
[6/] Indiana, New York State, and South Dakota report tobacco use but do not report the average number of cigarettes smoked per day in standard categories; data for New York City are reported in standard categories.
[7/] Texas does not report herpes or uterine bleeding.
[8/] Texas does not report cephalopelvic disproportion, anesthetic complications, and fetal distress.