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**The Association between Teen Parenthood and Marital Status
among Women**

by

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Abstract

Introduction: Teen pregnancy and teen parenting are prevalent and significant public health issues. Teen parenting also has many social and economic consequences for mother and family. Single parenthood is associated with increased financial, work and child care strains compared to a more traditional family type. Therefore, the impact of teen pregnancy on marital status needs to be investigated. This study examines the association between teen parenthood and future marital status.

Methods: The 2002 National Survey of Family Growth, Cycle 6 was analyzed. This study included 12398 women age 20 – 44 years who had children. Teen parenthood was defined as age at first birth before the age of twenty. Marital status was dichotomized as married and other marital status. Exposure and outcome variables were examined using logistic regression modeling.

Results: Women who had a child before age twenty were less likely be married compared to women who had a child at age 20 or older (OR = 2.30 [95% CI = 2.01, 2.64]). After adjusting for race, education, age at first sex and intendedness of the pregnancy, women who had a child before age 20 were less likely to be married or stay married compared to women who had a child at age 20 or older (OR = 1.35 [95% 1.19, 1.62]).

Conclusions: Teen parents are less likely to be married or stay married later in life. Teens should be informed that teen parenthood is a significant risk factor for single parenthood later in life. Future studies should examine all levels of marital status as an outcome of teen parenthood. Future studies should also examine this association among fathers.

Introduction

Teen pregnancy and teen parenting are prevalent and significant public health issues. The teen pregnancy rate in the United States has steadily declined since the early 1990's.¹ The rate peaked in 1990 at 116.9 pregnancies per 1,000 women aged 15 – 19 and reached its lowest point in 2005 at 69.5 pregnancies per 1,000 women aged 15 - 19.¹ Teen birthrates have also followed the same declining trend which peaked in 1991 at 61.8 births per 1,000 women aged 15 – 19 and fell to 40.5 births per 1,000 women aged 15 – 19.¹ Recent data, however, show that these downward trends may be slowing and perhaps even reversing. In 2006 the teen pregnancy rate increased three percent (71.5 pregnancies per 1,000 women aged 15 – 19) and the teen birth rate increased four percent (41.9 births per 1,000 women aged 15 – 19).¹ Declines in teen pregnancy can be attributed to several factors including increased contraceptive use delaying first sexual intercourse.²

Teen parenting is associated with many negative health consequences for both mother and child. Compared to women who become pregnant at an older age, women who become pregnant at a young age are more likely to experience many health related consequences including: pregnancy-induced hypertension, anemia, obesity, achieve poor maternal weight gain and preterm delivery.^{3,4,5} Infants born to teen mothers are more likely to suffer low birth weight, preterm births, and mortality.^{3,4,5} Teen mothers are more likely to present for prenatal care later.⁶ Rapid repeat births, a birth occurring less than 24 months after the previous birth, is another issue associated with teen pregnancy. In 2002, one-fifth of births to women aged 15 – 19 were rapid repeat births.⁷

Teen parenting also has many social and economic consequences for mother and family.

Teen mothers are less likely to attain higher education. In one study, teen mothers completed

nearly two years fewer schooling compared to women who first gave birth after age 30.⁸ Early motherhood has been shown to be associated with increasing risks of poverty and welfare dependence.^{9,10} Teen mothers have higher rates of marital instability and are more likely to be single parents as compared to older mothers.¹¹

Marital status, has many implications on individuals and families. In general, married people experience less stress than people who have never been married.¹² In one study by Horwitz, White and Howell-White, marriage was associated with less morbidity and mortality, mental illness, substance abuse, and distress.¹³ The stress of being a parent also affects health and well-being. As women move out of the home and into the workforce, the pressures of being a single parent impact individual and family stress.^{14,15}

The current body of research in this area discusses the social and economic impact on teen parents as they relate to the teens' immediate future. Little research exists on the long term effects of this life changing event. This study will compare the association between teen parenthood and marital status for women over the age of twenty.

Methods

Population and setting

This analysis used the National Survey of Family Growth (NSFG) Cycle 6. The NSFG is conducted by the National Center for Health Statistics (NCHS). The survey population is representative of the household population of the United States between the age of 15 and 44 years. Two hundred trained female interviewers conducted 12,571 in person interviews – 7,643 females and 4,928 males. All interviews were voluntary and confidential.

NSFG survey includes questions on many topics about fertility and family planning and parenting ranging from pregnancy and birth history, social and economic characteristics, contraceptive use, sexually transmitted diseases, adopting and work history. The sampling design is based upon a national household sample of 110 Primary Sampling Units (PSU). PSUs are metropolitan areas, counties or groups of adjacent counties. PSUs are located in most states and include the largest metropolitan areas in the country. The national sample was divided into national quarter samples of 33 PSUs that are used in a four year rotation. Each PSU was further divided into segments consisting of neighborhoods or groups of adjacent blocks and houses were selected in one of two ways. Addresses in the “update” segments were obtained from a commercial source and verified by interviewers. “Scratch” segments included a list of all housing units and a central office selects a sample for screening and interviewing. A “screener” interview was conducted to determine who, if anyone, living in the household was eligible and agreed to do an interview. Non-Hispanic black women and men, Hispanic women and men, and teenagers of all races were oversampled in the survey.

The NSFG utilizes two distinct methodologies to gather the data. In the first part of the survey the interviewer asks questions with the assistance of ‘show cards,’ a ‘life history calendar,’ and a ‘pill chart.’ Responses were keyed into a computer using Computer-Assisted Personal Interviewing (CAPI). In the second portion of the interview, the respondents used Audio Computer-Assisted Self-Interviewing (ACASI) to facilitate comfort and confidentiality in answering sensitive questions. Interviews were conducted in English and Spanish as needed.

The exposure variable, teen parenthood was categorized using the survey question: ‘Age at end of pregnancy (regardless of outcome)’ and dichotomized as under 20 years and 20 years and over. This age cutoff is consistent with the literature and research for discussing teen

pregnancy and parenting. The outcome variable, marital status, was dichotomized as ‘married’ and ‘other marital arrangement’ which includes: cohabitating, divorced, separated, and never been married. Many covariates were examined in this study. Race was divided into three groups, white, black, other. Ethnicity was categorized as Hispanic and non-Hispanic. Educational status was categorized as having less than a high school education, high school education, and more than a high school education. Maternal and paternal education was also examined and divided in the same three categories. Respondent living situation at age 14 was dichotomized as a two parent household (which includes biological, step, adoptive or foster parent) and other living situations. Mother’s age at delivery was categorized as less than 20 and 20 or older. Pregnancy intendedness was categorized as ‘intended’ in which the mother became pregnant on time or later than she wanted, and ‘unintended’ in which the mother became pregnant earlier than she wanted. Average age at first sex was also calculated and examined as a covariate.

Data Analysis

Demographic and behavioral factors were evaluated for prevalence and distribution in the study population. Logistic regression was used to calculate the crude and adjusted estimates of the association between teen pregnancy and marital status. All covariates, race, Hispanic ethnicity, marital status, education, maternal age at birth, maternal and paternal education and living situation at age 14 and , age at first sex and pregnancy intendedness, were examined as potential confounders and were retained in the model if their presence produced at least a ten percent difference in the estimate. SAS 9.1 was used for all analyses.

Results

Table 1 shows the prevalence and distribution of the demographic and behavioral characteristics of the study population. Twenty-one percent of the population was age 19 or younger at first birth. The prevalence of teen pregnancy was higher in African Americans (30.9%), women with less than high school education (36.11%), women who were born to younger (<20) mothers (25.0%), women who were born to mothers (23.5%) and fathers (23.0%) with less than a high school education, women who did not live with two parents at age 14 (28.5%), women who had an unplanned pregnancy, (41.1%) and women were unmarried at the time of interview (30.2%).

The two study groups were significantly different across all characteristics. Compared to older mothers, younger mothers, tended to be Black, non-Hispanic, and less educated. Younger mothers, were more likely to be younger at first sexual experience, born to a younger mother, have parents who were less educated, and have lived in some other living situation other than with two parents at age fourteen. Younger mothers were also more likely to have an unintended pregnancy and be unmarried or stay unmarried compared to older mothers.

Table 2 shows the crude and adjusted odds ratio of the exposure and outcome. Younger mothers were 2.3 times more likely (95% CI = 2.01, 2.64) to report a marital status other than married. When adjusting for race, education, age at first sex and pregnancy intendedness, younger mothers were 1.3 times (95% CI 1.19, 1.62) more likely to be unmarried or stay unmarried.

Discussion

Women who had their first child before the age of twenty were more likely to be unmarried at the time of interview. The findings of this study were consistent with the expected results and with previous research on teen parenthood and marital stability.^{16,17} The social and behavioral explanations of this association are beyond that of this research. The event of becoming a parent can be both rewarding and stressful. Often, the stressors outweigh the rewards for teen parents. Being a single parent is not a negative lifestyle; many women choose to be a single parent for different reasons. The stress of being a young mother in addition to the challenges of maintaining a marriage may play a role in a woman's decision to be a single parent. The results of this study confirm messages to young women to delay parenthood. The results of this study should be shared with those concerned about teen pregnancy and about family stability. By understanding the risk factors associated with teen pregnancy and marital status, health professionals can work with clients to find other ways to meet the challenges of these two critical life experiences.

This study has several strengths and weaknesses. First, this study was conducted using the National Survey of Family Growth, a nationally representative and generalizable data set. The NSFG is also cost effective and reports timely data. This study is also one of few to examine the association between teen parenthood and marital status. One weakness of the study is that the outcome variable was dichotomized as 'married' and 'other.' As a result, the nuances of relationships and types of family structures are difficult to assess. Future studies should examine the association between teen parenthood and all levels of marital status. The differences between 'never been married' and 'divorced' may impact results. Additionally, like much of the research on teen pregnancy and parenthood, the association between teen parenthood and marital status

should be studied among fathers. Teen fatherhood has not been well studied and the affect of marital status on men and fathers may differ from women.

While marital status is an individual issue and choice, there is public health significance in this research. Being a single parent presents many stressful situations such as financial stress and emotional stress. Whether a young mother never married or was unable to maintain a marriage, single parenthood is stressful. Teens should be aware of all the implications of being a teen parent, including the relationship to marital status and single parenthood.

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APPENDIX I

Table 1 Characteristics by Teen Parenthood

Characteristics	Age at First Birth				T-Value (P Value)
	<20 Years Old		≥20 Years Old		
	(n = 2905)		(n = 9493)		Chi Square (P Value)
	Mean	Mean			
Age at First Sex (SE)	15.69 (8.11)	18.07 (8.07)			243 (0.0001)
	No.	Percent	No.	Percent	
Race					183.8 (<0.0001)
White	1634	66.04	6494	78.49	
Black	1062	26.64	2381	15.84	
Other	209	7.33	618	5.67	
Hispanic					29.2 (<0.0001)
Yes	765	20.03	2236	15.61	
No	2140	79.97	7257	84.39	
Education					642.1 (<0.0001)
<HS	1215	40.14	2136	18.84	
HS	736	27.48	2211	24.49	
>HS	954	32.39	5146	56.67	
Maternal Age at First Birth					105.4 (<0.0001)
<20	1500	53.23	4078	41.51	
≥20	1163	46.77	4825	58.49	
Maternal Education					51.1 (<0.0001)
<HS	1086	37.05	3290	31.44	
HS	995	39.09	3073	37.89	
>HS	701	23.86	2890	30.67	
Paternal Education					75.4 (<0.0001)
<HS	899	31.36	2808	30.59	
HS	840	33.81	2573	30.65	
>HS	628	28.83	3035	38.76	
Living Arrangement at age 14					190.3 (<0.0001)
Two Parent* Household	1595	58.11	6540	72.16	
Other Living situation	1309	41.89	2953	27.84	
Pregnancy Intendedness					1366.8 (<0.0001)
Intended	714	31.61	5655	75.72	
Unintended	1431	68.39	1968	24.28	
Marital Status					355.8 (<0.0001)
Married	1137	48.32	5629	68.28	
Other Marital Arrangement **	1768	51.68	3864	31.72	

*Biological, or adoptive/step parent

* *Includes Single Marital Status

Table 2 Marital Status Crude and Adjusted OR

Characteristics	Crude		Adjusted*	
	OR	95% CI	OR	95% CI
Marital Status				
Married	1.00		1.00	
Other Marital Status	2.30	2.01, 2.64	1.35	1.19, 1.62

* Adjusted for race, education, age at first sex and pregnancy intendedness

APPENDIX II

SAS SYNTAX

```
/*
*****

AMY FEINBERG
MPH Project
Spring 2010

*****

*/

/* This SAS program was automatically generated by Stat/Transfer */

/* The following line should contain the complete path and name of your raw
data file */
FILENAME datafile 'g:\Project\NSFG\SAS Files\2002FemResp.dat' ;

/* The following line should contain the directory in which you wish your SAS
file to be stored */
libname project 'g:\Project\NSFG\SAS Files' ;

/* The following line contains the name (without the extension) for your SAS
dataset */
%LET dataset = project.FEMALE ;

DATA &dataset ;
INFILE datafile LRECL=4927;
INPUT
CASEID $ 1-12          RSCRINF 13          RDORMRES 14
ROSTSCRN 15          RSCREENHISP 16       RSCREENRACE 17
AGE A 18-19          AGE R 20-21       CMBIRTH 22-25
AGESCRN 26-27       MARSTAT 28          FMARSTAT 29
FMARIT 30           EVRMARRY 31         HISP 32
HISPGRP 33          NUMRACE 34          ROSCNT 35
HPLOCALE 36         MANREL 37           FL RAGE 38
FL_RRACE 39         FL_RHISP 40         GOSCHOL 41
VACA 42             HIGRADE 43-44       COMPGRD 45
HAVEDIP 46          DIPGED 47           CMHSGRAD 48-51
HAVEDEG 52          DEGREES 53          WTHPARNW 54
ONOWN 55            INTACT 56           PARMARR 57
LVSIT14F 58         LVSIT14M 59         WOMRASDU 60
MOMDEGRE 61         MOMWORKD 62         MOMCHILD 63-64
MOMFSTCH 65-66     MOM18 67            MANRASDU 68
DADDEGRE 69         BOTHBIOL 70        INTACT18 71
ONOWN18 72          NUMBABES 73-74     TOTPLACD 75
NPLACED 76          NDIED 77            NADOPTV 78
HASBABES 79         CMLASTLB 80-83     CMFSTPRG 84-87
CMLSTPRG 88-91     MENARCHE 92-93     PREGNOWQ 94
```


MAYBPREG	95	NUMPREGS	96-97	EVERPREG	98
CURRPREG	99	MOSCURRP	100	GIVEADPT	101
NGIVENAD	102	OTHERKID	103	NOTHRKID	104-105
SEXOTHKD	106	RELOTHKD	107	ADPTOTKD	108
TRYADOPT	109	TRYEITHR	110	STILHERE	111
CMOKDCAM	112-115	OTHKDFOS	116	CMOKDDOB	117-120
OTHKDSPN	121	OTHKDRAC1	122	OTHKDRAC2	123
KDBSTRAC	124	OKBORNUS	125	OKDISABL1	126
SEXOTHKD2	127	RELOTHKD2	128	ADPTOTKD2	129
TRYADOPT2	130	TRYEITHR2	131	STILHERE2	132
CMOKDCAM2	133-136	OTHKDFOS2	137	CMOKDDOB2	138-141
OTHKDSPN2	142	OTHKDRAC6	143	OKBORNUS2	144
OKDISABL5	145	SEXOTHKD3	146	RELOTHKD3	147
ADPTOTKD3	148	TRYADOPT3	149	TRYEITHR3	150
STILHERE3	151	CMOKDCAM3	152-155	OTHKDFOS3	156
CMOKDDOB3	157-160	OTHKDSPN3	161	OTHKDRAC11	162
OKBORNUS3	163	OKDISABL9	164	SEXOTHKD4	165
RELOTHKD4	166	ADPTOTKD4	167	TRYADOPT4	168
TRYEITHR4	169	STILHERE4	170	CMOKDCAM4	171-174
OTHKDFOS4	175	CMOKDDOB4	176-179	OTHKDSPN4	180
OTHKDRAC16	181	OKBORNUS4	182	OKDISABL13	183
SEXOTHKD5	184	RELOTHKD5	185	ADPTOTKD5	186
TRYADOPT5	187	TRYEITHR5	188	STILHERE5	189
CMOKDCAM5	190-193	OTHKDFOS5	194	CMOKDDOB5	195-198
OTHKDSPN5	199	OTHKDRAC21	200	OKBORNUS5	201
OKDISABL17	202	SEXOTHKD6	203	RELOTHKD6	204
ADPTOTKD6	205	TRYADOPT6	206	TRYEITHR6	207
STILHERE6	208	CMOKDCAM6	209-212	OTHKDFOS6	213
CMOKDDOB6	214-217	OTHKDSPN6	218	OTHKDRAC26	219
OKBORNUS6	220	OKDISABL21	221	SEXOTHKD7	222
RELOTHKD7	223	ADPTOTKD7	224	TRYADOPT7	225
TRYEITHR7	226	STILHERE7	227	CMOKDCAM7	228-231
OTHKDFOS7	232	CMOKDDOB7	233-236	OTHKDSPN7	237
OTHKDRAC31	238	OKBORNUS7	239	OKDISABL25	240
SEXOTHKD8	241	RELOTHKD8	242	ADPTOTKD8	243
TRYEITHR8	244	STILHERE8	245	CMOKDCAM8	246-249
OTHKDFOS8	250	CMOKDDOB8	251-254	OTHKDSPN8	255
OTHKDRAC36	256	OTHKDRAC37	257	KDBSTRAC8	258
OKBORNUS8	259	OKDISABL29	260	SEXOTHKD9	261
RELOTHKD9	262	ADPTOTKD9	263	TRYEITHR9	264
STILHERE9	265	SEXOTHKD10	266	RELOTHKD10	267
ADPTOTKD10	268	TRYEITHR10	269	STILHERE10	270
SEXOTHKD11	271	RELOTHKD11	272	ADPTOTKD11	273
TRYEITHR11	274	STILHERE11	275	SEXOTHKD12	276
RELOTHKD12	277	ADPTOTKD12	278	TRYEITHR12	279
STILHERE12	280	SEXOTHKD13	281	RELOTHKD13	282
ADPTOTKD13	283	TRYEITHR13	284	STILHERE13	285
SEXOTHKD14	286	RELOTHKD14	287	ADPTOTKD14	288
TRYEITHR14	289	STILHERE14	290	SEXOTHKD15	291
RELOTHKD15	292	ADPTOTKD15	293	TRYEITHR15	294
STILHERE15	295	SEXOTHKD16	296	RELOTHKD16	297
ADPTOTKD16	298	TRYEITHR16	299	STILHERE16	300
SEXOTHKD17	301	RELOTHKD17	302	ADPTOTKD17	303
TRYEITHR17	304	STILHERE17	305	EVERADPT	306
SEEKADPT	307	CONTAGEM	308	TRYLONG	309
KNOWADPT	310	CHOSESEX	311	TYPESEXF	312
TYPESEXM	313	CHOSRACE	314	TYPRACBK	315

TYPRACWH	316	TYPRACOT	317	CHOSEAGE	318
TYPAGE2M	319	TYPAGE5M	320	TYPAG12M	321
TYPAG13M	322	CHOSDISB	323	TYPDISBN	324
TYPDISBM	325	TYPDISBS	326	CHOSENUM	327
TYPNUM1M	328	TYPNUM2M	329	EVWNTANO	330
EVCONTAG	331	TURNDOWN	332	YQUITTRY	333
APROCESS1	334	APROCESS2	335	APROCESS3	336
TIMESMAR	337-338	HSBVERIF	339	CMMARRHX	340-343
AGEMARHX	344-345	HXAGEMAR	346-347	CMHSBDOBX	348-351
LVTOGHX	352	CMPMCOHX	353-356	ENGAGHX	357
HISPHX	358	RACEHX1	359	RACEHX2	360
RACEHX3	361	RACEHX4	362	BSTRACHX	363
CHEDMARN	364	MARBEFHX	365	KIDSHX	366
NUMKDSHX	367-368	KIDLIVHX	369	CHKID18A	370
CHKID18B	371	WHRCHKDS1	372	WHRCHKDS2	373
WHRCHKDS3	374	SUPPORCH	375	MARENDHX	376
CMHSBDIEX	377-380	CMDIVORCX	381-384	CMSTPHSBX	385-388
CMMARRHX2	389-392	AGEMARHX2	393-394	HXAGEMAR2	395-396
CMHSBDOBX2	397-400	LVTOGHX2	401	CMPMCOHX2	402-405
ENGAGHX2	406	HISPHX2	407	RACEHX6	408
RACEHX7	409	BSTRACHX2	410	CHEDMARN2	411
MARBEFHX2	412	KIDSHX2	413	NUMKDSHX2	414
KIDLIVHX2	415	CHKID18A2	416	CHKID18B2	417-418
WHRCHKDS5	419	WHRCHKDS6	420	WHRCHKDS7	421
SUPPORCH2	422	MARENDHX2	423	CMHSBDIEX2	424-427
CMDIVORCX2	428-431	CMSTPHSBX2	432-435	CMMARRHX3	436-439
AGEMARHX3	440-441	HXAGEMAR3	442-443	CMHSBDOBX3	444-447
LVTOGHX3	448	CMPMCOHX3	449-452	ENGAGHX3	453
HISPHX3	454	RACEHX11	455	CHEDMARN3	456
MARBEFHX3	457	KIDSHX3	458	NUMKDSHX3	459-460
KIDLIVHX3	461	CHKID18A3	462	CHKID18B3	463
WHRCHKDS9	464	WHRCHKDS10	465	SUPPORCH3	466
MARENDHX3	467	CMDIVORCX3	468-471	CMSTPHSBX3	472-475
CMMARRHX4	476-479	HXAGEMAR4	480-481	CMHSBDOBX4	482-485
LVTOGHX4	486	CMPMCOHX4	487-490	ENGAGHX4	491
HISPHX4	492	RACEHX16	493	RACEHX17	494
BSTRACHX4	495	CHEDMARN4	496	MARBEFHX4	497
KIDSHX4	498	NUMKDSHX4	499	KIDLIVHX4	500
CHKID18A4	501	CHKID18B4	502	WHRCHKDS13	503
WHRCHKDS14	504	SUPPORCH4	505	MARENDHX4	506
CMDIVORCX4	507-510	CMSTPHSBX4	511-514	CMMARRHX5	515-518
HXAGEMAR5	519-520	CMHSBDOBX5	521-523	LVTOGHX5	524
CMPMCOHX5	525-528	ENGAGHX5	529	HISPHX5	530
RACEHX21	531	CHEDMARN5	532	MARBEFHX5	533
KIDSHX5	534	NUMKDSHX5	535	KIDLIVHX5	536
CMMARRCH	537-540	CMDOBCH	541-544	PREVHUB	545
CMSTRTCP	546-549	CPHERAGE	550-551	CPHISAGE	552-553
CMDOBCP	554-557	CPENGAG1	558	WILLMARR	559
CPHISP	560	CPRACE1	561	CPRACE2	562
CPBESTR	563	CPEDUC	564	CPMARBEF	565
CPKIDS	566	CPNUMKDS	567-568	CPKIDLIV	569
CPKID18A	570	CPKID18B	571-572	WHRCPKDS1	573
WHRCPKDS2	574	SUPPORCP	575	CMSTRTHP	576-579
CMDOBHP	580-583	EVRCOHAB	584	LIVEOTH	585
HMOTHMEN	586-587	PREVCOHB	588-589	CMCOHSTX	590-593
HERAGECX	594-595	HISAGECX	596-597	CMDOBCX	598-601
ENGAG1CX	602	HISPCX	603	RACECX1	604

RACECX2 605
 CXKIDS 608
 HERAGECX2 617-618
 ENGAG1CX2 625
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MTHUSIMX201	1774-1775	MTHUSIMX202	1776-1777	MTHUSIMX203	1778-1779
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METHHIST043	1799-1800	METHHIST044	1801-1802	SAMEAllYear4	1803
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MTHUSIMX303	1809-1810	MTHUSIMX304	1811-1812	MTHUSIMX326	1813-1814
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MTHUSIMX351	1820	MTHUSIMX352	1821	MTHUSIMX353	1822-1823
MTHUSIMX354	1824	NUMMULT4	1825	METHHIST051	1826-1827
METHHIST052	1828-1829	METHHIST053	1830-1831	METHHIST054	1832-1833
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MTHUSIMX429	1850	MTHUSIMX451	1851	MTHUSIMX452	1852
MTHUSIMX453	1853-1854	MTHUSIMX454	1855	NUMMULT5	1856
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MTHUSIMX501	1867-1868	MTHUSIMX502	1869-1870	MTHUSIMX503	1871-1872
MTHUSIMX504	1873-1874	MTHUSIMX526	1875-1876	MTHUSIMX527	1877-1878
MTHUSIMX528	1879-1880	MTHUSIMX529	1881	MTHUSIMX551	1882
MTHUSIMX552	1883	MTHUSIMX553	1884-1885	MTHUSIMX554	1886
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MTHUSIMX603	1902-1903	MTHUSIMX604	1904-1905	MTHUSIMX626	1906
MTHUSIMX627	1907-1908	MTHUSIMX628	1909-1910	MTHUSIMX629	1911
MTHUSIMX651	1912	MTHUSIMX652	1913	MTHUSIMX653	1914-1915
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MTHUSIMX702	1930-1931	MTHUSIMX703	1932-1933	MTHUSIMX704	1934-1935
MTHUSIMX726	1936-1937	MTHUSIMX727	1938-1939	MTHUSIMX728	1940-1941
MTHUSIMX729	1942	MTHUSIMX751	1943-1944	MTHUSIMX752	1945-1946
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MTHUSIMX801	1961-1962	MTHUSIMX802	1963-1964	MTHUSIMX803	1965-1966
MTHUSIMX804	1967-1968	MTHUSIMX826	1969-1970	MTHUSIMX827	1971-1972
MTHUSIMX828	1973-1974	MTHUSIMX829	1975	MTHUSIMX851	1976
MTHUSIMX852	1977	MTHUSIMX853	1978-1979	MTHUSIMX854	1980
NUMMULT9	1981	METHHIST101	1982-1983	METHHIST102	1984-1985
METHHIST103	1986-1987	METHHIST104	1988-1989	SAMEAllYear10	1990
SIMSEQ10	1991	MTHUSIMX901	1992-1993	MTHUSIMX902	1994-1995
MTHUSIMX903	1996-1997	MTHUSIMX904	1998-1999	MTHUSIMX926	2000-2001
MTHUSIMX927	2002-2003	MTHUSIMX928	2004-2005	MTHUSIMX929	2006
MTHUSIMX951	2007	MTHUSIMX952	2008	MTHUSIMX953	2009-2010
MTHUSIMX954	2011-2012	NUMMULT10	2013	METHHIST111	2014-2015
METHHIST112	2016-2017	METHHIST113	2018-2019	METHHIST114	2020-2021
SAMEAllYear11	2022	SIMSEQ11	2023	MTHUSIMX1001	2024-2025
MTHUSIMX1002	2026-2027	MTHUSIMX1003	2028-2029	MTHUSIMX1004	2030-
2031		MTHUSIMX1027	2034-2035	MTHUSIMX1028	2036-
MTHUSIMX1026	2032-2033	MTHUSIMX1051	2039	MTHUSIMX1052	2040
2037		MTHUSIMX1054	2043	NUMMULT11	2044
MTHUSIMX1029	2038	METHHIST122	2047-2048	METHHIST123	2049-2050
MTHUSIMX1053	2041-2042	SAMEAllYear12	2053	SIMSEQ12	2054
METHHIST121	2045-2046	MTHUSIMX1102	2057-2058	MTHUSIMX1103	2059-
METHHIST124	2051-2052				
MTHUSIMX1101	2055-2056				

2060

MTHUSIMX1104	2061-2062	MTHUSIMX1126	2063-2064	MTHUSIMX1127	2065-
2066					
MTHUSIMX1128	2067-2068	MTHUSIMX1129	2069	MTHUSIMX1151	2070
MTHUSIMX1152	2071	MTHUSIMX1153	2072-2073	MTHUSIMX1154	2074
NUMMULT12	2075	METHHIST131	2076-2077	METHHIST132	2078-2079
METHHIST133	2080-2081	METHHIST134	2082-2083	SIMSEQ13	2084
MTHUSIMX1201	2085-2086	MTHUSIMX1202	2087-2088	MTHUSIMX1203	2089-
2090					
MTHUSIMX1204	2091-2092	MTHUSIMX1226	2093-2094	MTHUSIMX1227	2095-
2096					
MTHUSIMX1228	2097-2098	MTHUSIMX1229	2099-2100	MTHUSIMX1251	2101-
2102					
MTHUSIMX1252	2103-2104	MTHUSIMX1253	2105-2106	MTHUSIMX1254	2107-
2108					
NUMMULT13	2109	METHHIST141	2110-2111	METHHIST142	2112-2113
METHHIST143	2114-2115	METHHIST144	2116-2117	SAMEAllYear14	2118
SIMSEQ14	2119	MTHUSIMX1301	2120-2121	MTHUSIMX1302	2122-2123
MTHUSIMX1303	2124-2125	MTHUSIMX1304	2126-2127	MTHUSIMX1326	2128-
2129					
MTHUSIMX1327	2130-2131	MTHUSIMX1328	2132-2133	MTHUSIMX1329	2134-
2135					
MTHUSIMX1351	2136	MTHUSIMX1352	2137	MTHUSIMX1353	2138-2139
MTHUSIMX1354	2140-2141	NUMMULT14	2142	METHHIST151	2143-2144
METHHIST152	2145-2146	METHHIST153	2147-2148	METHHIST154	2149-2150
SAMEAllYear15	2151	SIMSEQ15	2152	MTHUSIMX1401	2153-2154
MTHUSIMX1402	2155-2156	MTHUSIMX1403	2157-2158	MTHUSIMX1404	2159-
2160					
MTHUSIMX1426	2161-2162	MTHUSIMX1427	2163-2164	MTHUSIMX1428	2165-
2166					
MTHUSIMX1429	2167-2168	MTHUSIMX1451	2169	MTHUSIMX1452	2170
MTHUSIMX1453	2171-2172	MTHUSIMX1454	2173-2174	NUMMULT15	2175
METHHIST161	2176-2177	METHHIST162	2178-2179	METHHIST163	2180-2181
METHHIST164	2182-2183	SAMEAllYear16	2184	SIMSEQ16	2185
MTHUSIMX1501	2186-2187	MTHUSIMX1502	2188-2189	MTHUSIMX1503	2190-
2191					
MTHUSIMX1504	2192-2193	MTHUSIMX1526	2194-2195	MTHUSIMX1527	2196-
2197					
MTHUSIMX1528	2198-2199	MTHUSIMX1529	2200-2201	MTHUSIMX1551	2202
MTHUSIMX1552	2203	MTHUSIMX1553	2204-2205	MTHUSIMX1554	2206-2207
NUMMULT16	2208	METHHIST171	2209-2210	METHHIST172	2211-2212
METHHIST173	2213-2214	METHHIST174	2215-2216	SAMEAllYear17	2217
SIMSEQ17	2218	MTHUSIMX1601	2219-2220	MTHUSIMX1602	2221-2222
MTHUSIMX1603	2223-2224	MTHUSIMX1604	2225-2226	MTHUSIMX1626	2227-
2228					
MTHUSIMX1627	2229-2230	MTHUSIMX1628	2231-2232	MTHUSIMX1629	2233-
2234					
MTHUSIMX1651	2235	MTHUSIMX1652	2236	MTHUSIMX1653	2237-2238
MTHUSIMX1654	2239-2240	NUMMULT17	2241	METHHIST181	2242-2243
METHHIST182	2244-2245	METHHIST183	2246-2247	METHHIST184	2248-2249
SAMEAllYear18	2250	SIMSEQ18	2251	MTHUSIMX1701	2252-2253
MTHUSIMX1702	2254-2255	MTHUSIMX1703	2256-2257	MTHUSIMX1704	2258-
2259					
MTHUSIMX1726	2260-2261	MTHUSIMX1727	2262-2263	MTHUSIMX1728	2264-
2265					
MTHUSIMX1729	2266-2267	MTHUSIMX1751	2268	MTHUSIMX1752	2269
MTHUSIMX1753	2270-2271	MTHUSIMX1754	2272-2273	NUMMULT18	2274
METHHIST191	2275-2276	METHHIST192	2277-2278	METHHIST193	2279-2280

METHHIST194	2281-2282	SAMEAllYear19	2283	SIMSEQ19	2284
MTHUSIMX1801	2285-2286	MTHUSIMX1802	2287-2288	MTHUSIMX1803	2289-
2290					
MTHUSIMX1804	2291-2292	MTHUSIMX1826	2293-2294	MTHUSIMX1827	2295-
2296					
MTHUSIMX1828	2297-2298	MTHUSIMX1829	2299-2300	MTHUSIMX1851	2301
MTHUSIMX1852	2302	MTHUSIMX1853	2303-2304	MTHUSIMX1854	2305-2306
NUMMULT19	2307	METHHIST201	2308-2309	METHHIST202	2310-2311
METHHIST203	2312-2313	METHHIST204	2314-2315	SAMEAllYear20	2316
SIMSEQ20	2317	MTHUSIMX1901	2318-2319	MTHUSIMX1902	2320-2321
MTHUSIMX1903	2322-2323	MTHUSIMX1904	2324-2325	MTHUSIMX1926	2326-
2327					
MTHUSIMX1927	2328-2329	MTHUSIMX1928	2330-2331	MTHUSIMX1929	2332-
2333					
MTHUSIMX1951	2334	MTHUSIMX1952	2335	MTHUSIMX1953	2336-2337
MTHUSIMX1954	2338-2339	NUMMULT20	2340	METHHIST211	2341-2342
METHHIST212	2343-2344	METHHIST213	2345-2346	METHHIST214	2347-2348
SAMEAllYear21	2349	SIMSEQ21	2350	MTHUSIMX2001	2351-2352
MTHUSIMX2002	2353-2354	MTHUSIMX2003	2355-2356	MTHUSIMX2004	2357-
2358					
MTHUSIMX2026	2359-2360	MTHUSIMX2027	2361-2362	MTHUSIMX2028	2363-
2364					
MTHUSIMX2029	2365-2366	MTHUSIMX2051	2367	MTHUSIMX2052	2368
MTHUSIMX2053	2369-2370	MTHUSIMX2054	2371-2372	NUMMULT21	2373
METHHIST221	2374-2375	METHHIST222	2376-2377	METHHIST223	2378-2379
METHHIST224	2380-2381	SAMEAllYear22	2382	SIMSEQ22	2383
MTHUSIMX2101	2384-2385	MTHUSIMX2102	2386-2387	MTHUSIMX2103	2388-
2389					
MTHUSIMX2104	2390-2391	MTHUSIMX2126	2392-2393	MTHUSIMX2127	2394-
2395					
MTHUSIMX2128	2396-2397	MTHUSIMX2129	2398-2399	MTHUSIMX2151	2400
MTHUSIMX2152	2401	MTHUSIMX2153	2402-2403	MTHUSIMX2154	2404-2405
NUMMULT22	2406	METHHIST231	2407-2408	METHHIST232	2409-2410
METHHIST233	2411-2412	METHHIST234	2413-2414	SAMEAllYear23	2415
SIMSEQ23	2416	MTHUSIMX2201	2417-2418	MTHUSIMX2202	2419-2420
MTHUSIMX2203	2421-2422	MTHUSIMX2204	2423-2424	MTHUSIMX2226	2425-
2426					
MTHUSIMX2227	2427-2428	MTHUSIMX2228	2429-2430	MTHUSIMX2229	2431-
2432					
MTHUSIMX2251	2433	MTHUSIMX2252	2434	MTHUSIMX2253	2435-2436
MTHUSIMX2254	2437-2438	NUMMULT23	2439	METHHIST241	2440-2441
METHHIST242	2442-2443	METHHIST243	2444-2445	METHHIST244	2446-2447
SAMEAllYear24	2448	SIMSEQ24	2449	MTHUSIMX2301	2450-2451
MTHUSIMX2302	2452-2453	MTHUSIMX2303	2454-2455	MTHUSIMX2304	2456-
2457					
MTHUSIMX2326	2458	MTHUSIMX2327	2459-2460	MTHUSIMX2328	2461-2462
MTHUSIMX2329	2463-2464	MTHUSIMX2351	2465	MTHUSIMX2352	2466
MTHUSIMX2353	2467-2468	MTHUSIMX2354	2469-2470	NUMMULT24	2471
METHHIST251	2472-2473	METHHIST252	2474-2475	METHHIST253	2476-2477
METHHIST254	2478-2479	SIMSEQ25	2480	MTHUSIMX2401	2481-2482
MTHUSIMX2402	2483-2484	MTHUSIMX2403	2485-2486	MTHUSIMX2404	2487-
2488					
MTHUSIMX2426	2489	MTHUSIMX2427	2490-2491	MTHUSIMX2428	2492-2493
MTHUSIMX2429	2494-2495	MTHUSIMX2451	2496	MTHUSIMX2452	2497
MTHUSIMX2453	2498-2499	MTHUSIMX2454	2500-2501	NUMMULT25	2502
METHHIST261	2503-2504	METHHIST262	2505-2506	METHHIST263	2507-2508
METHHIST264	2509-2510	SAMEAllYear26	2511	SIMSEQ26	2512

MTHUSIMX2501	2513-2514	MTHUSIMX2502	2515-2516	MTHUSIMX2503	2517-
2518					
MTHUSIMX2504	2519-2520	MTHUSIMX2526	2521	MTHUSIMX2527	2522-2523
MTHUSIMX2528	2524-2525	MTHUSIMX2529	2526-2527	MTHUSIMX2551	2528
MTHUSIMX2552	2529	MTHUSIMX2553	2530-2531	MTHUSIMX2554	2532-2533
NUMMULT26	2534	METHHIST271	2535-2536	METHHIST272	2537-2538
METHHIST273	2539-2540	METHHIST274	2541-2542	SAMEAllYear27	2543
SIMSEQ27	2544	MTHUSIMX2601	2545-2546	MTHUSIMX2602	2547-2548
MTHUSIMX2603	2549-2550	MTHUSIMX2604	2551-2552	MTHUSIMX2626	2553
MTHUSIMX2627	2554-2555	MTHUSIMX2628	2556-2557	MTHUSIMX2629	2558-
2559					
MTHUSIMX2651	2560	MTHUSIMX2652	2561	MTHUSIMX2653	2562
MTHUSIMX2654	2563-2564	NUMMULT27	2565	METHHIST281	2566-2567
METHHIST282	2568-2569	METHHIST283	2570-2571	METHHIST284	2572-2573
SAMEAllYear28	2574	SIMSEQ28	2575	MTHUSIMX2701	2576-2577
MTHUSIMX2702	2578-2579	MTHUSIMX2703	2580-2581	MTHUSIMX2704	2582-
2583					
MTHUSIMX2726	2584	MTHUSIMX2727	2585-2586	MTHUSIMX2728	2587-2588
MTHUSIMX2729	2589-2590	MTHUSIMX2751	2591	MTHUSIMX2752	2592
MTHUSIMX2753	2593	MTHUSIMX2754	2594-2595	NUMMULT28	2596
METHHIST291	2597-2598	METHHIST292	2599-2600	METHHIST293	2601-2602
METHHIST294	2603-2604	SAMEAllYear29	2605	SIMSEQ29	2606
MTHUSIMX2801	2607-2608	MTHUSIMX2802	2609-2610	MTHUSIMX2803	2611-
2612					
MTHUSIMX2804	2613-2614	MTHUSIMX2826	2615	MTHUSIMX2827	2616-2617
MTHUSIMX2828	2618-2619	MTHUSIMX2829	2620-2621	MTHUSIMX2851	2622
MTHUSIMX2852	2623	MTHUSIMX2853	2624	MTHUSIMX2854	2625-2626
NUMMULT29	2627	METHHIST301	2628-2629	METHHIST302	2630-2631
METHHIST303	2632-2633	METHHIST304	2634-2635	SAMEAllYear30	2636
SIMSEQ30	2637	MTHUSIMX2901	2638-2639	MTHUSIMX2902	2640-2641
MTHUSIMX2903	2642-2643	MTHUSIMX2904	2644-2645	MTHUSIMX2926	2646-
2647					
MTHUSIMX2927	2648-2649	MTHUSIMX2928	2650-2651	MTHUSIMX2929	2652-
2653					
MTHUSIMX2951	2654	MTHUSIMX2952	2655	MTHUSIMX2953	2656
MTHUSIMX2954	2657-2658	NUMMULT30	2659	METHHIST311	2660-2661
METHHIST312	2662-2663	METHHIST313	2664-2665	METHHIST314	2666-2667
SAMEAllYear31	2668	SIMSEQ31	2669	MTHUSIMX3001	2670-2671
MTHUSIMX3002	2672-2673	MTHUSIMX3003	2674-2675	MTHUSIMX3004	2676-
2677					
MTHUSIMX3026	2678	MTHUSIMX3027	2679-2680	MTHUSIMX3028	2681-2682
MTHUSIMX3029	2683-2684	MTHUSIMX3051	2685	MTHUSIMX3052	2686
MTHUSIMX3053	2687-2688	MTHUSIMX3054	2689-2690	NUMMULT31	2691
METHHIST321	2692-2693	METHHIST322	2694-2695	METHHIST323	2696-2697
METHHIST324	2698-2699	SAMEAllYear32	2700	SIMSEQ32	2701
MTHUSIMX3101	2702-2703	MTHUSIMX3102	2704-2705	MTHUSIMX3103	2706-
2707					
MTHUSIMX3104	2708-2709	MTHUSIMX3126	2710-2711	MTHUSIMX3127	2712-
2713					
MTHUSIMX3128	2714-2715	MTHUSIMX3129	2716-2717	MTHUSIMX3151	2718
MTHUSIMX3152	2719	MTHUSIMX3153	2720-2721	MTHUSIMX3154	2722-2723
NUMMULT32	2724	METHHIST331	2725-2726	METHHIST332	2727-2728
METHHIST333	2729-2730	METHHIST334	2731-2732	SAMEAllYear33	2733
SIMSEQ33	2734	MTHUSIMX3201	2735-2736	MTHUSIMX3202	2737-2738
MTHUSIMX3203	2739-2740	MTHUSIMX3204	2741-2742	MTHUSIMX3226	2743-
2744					

MTHUSIMX3227	2745-2746	MTHUSIMX3228	2747-2748	MTHUSIMX3229	2749-
2750					
MTHUSIMX3251	2751	MTHUSIMX3252	2752	MTHUSIMX3253	2753-2754
MTHUSIMX3254	2755-2756	NUMMULT33	2757	METHHIST341	2758-2759
METHHIST342	2760-2761	METHHIST343	2762-2763	METHHIST344	2764-2765
SAMEAllYear34	2766	SIMSEQ34	2767	MTHUSIMX3301	2768-2769
MTHUSIMX3302	2770-2771	MTHUSIMX3303	2772-2773	MTHUSIMX3304	2774-
2775					
MTHUSIMX3326	2776-2777	MTHUSIMX3327	2778-2779	MTHUSIMX3328	2780-
2781					
MTHUSIMX3329	2782-2783	MTHUSIMX3351	2784	MTHUSIMX3352	2785
MTHUSIMX3353	2786-2787	MTHUSIMX3354	2788-2789	NUMMULT34	2790
METHHIST351	2791-2792	METHHIST352	2793-2794	METHHIST353	2795-2796
METHHIST354	2797-2798	SAMEAllYear35	2799	SIMSEQ35	2800
MTHUSIMX3401	2801-2802	MTHUSIMX3402	2803-2804	MTHUSIMX3403	2805-
2806					
MTHUSIMX3404	2807-2808	MTHUSIMX3426	2809-2810	MTHUSIMX3427	2811-
2812					
MTHUSIMX3428	2813-2814	MTHUSIMX3429	2815-2816	MTHUSIMX3451	2817
MTHUSIMX3452	2818	MTHUSIMX3453	2819-2820	MTHUSIMX3454	2821-2822
NUMMULT35	2823	METHHIST361	2824-2825	METHHIST362	2826-2827
METHHIST363	2828-2829	METHHIST364	2830-2831	SAMEAllYear36	2832
SIMSEQ36	2833	MTHUSIMX3501	2834	MTHUSIMX3502	2835-2836
MTHUSIMX3503	2837-2838	MTHUSIMX3504	2839-2840	MTHUSIMX3526	2841-
2842					
MTHUSIMX3527	2843-2844	MTHUSIMX3528	2845-2846	MTHUSIMX3529	2847-
2848					
MTHUSIMX3551	2849	MTHUSIMX3552	2850	MTHUSIMX3553	2851-2852
MTHUSIMX3554	2853-2854	NUMMULT36	2855	METHHIST371	2856-2857
METHHIST372	2858-2859	METHHIST373	2860-2861	METHHIST374	2862-2863
SIMSEQ37	2864	MTHUSIMX3601	2865-2866	MTHUSIMX3602	2867-2868
MTHUSIMX3603	2869-2870	MTHUSIMX3604	2871-2872	MTHUSIMX3626	2873-
2874					
MTHUSIMX3627	2875-2876	MTHUSIMX3628	2877-2878	MTHUSIMX3629	2879-
2880					
MTHUSIMX3651	2881	MTHUSIMX3652	2882	MTHUSIMX3653	2883-2884
MTHUSIMX3654	2885-2886	NUMMULT37	2887	METHHIST381	2888-2889
METHHIST382	2890-2891	METHHIST383	2892-2893	METHHIST384	2894-2895
SAMEAllYear38	2896	SIMSEQ38	2897	MTHUSIMX3701	2898-2899
MTHUSIMX3702	2900-2901	MTHUSIMX3703	2902-2903	MTHUSIMX3704	2904-
2905					
MTHUSIMX3726	2906-2907	MTHUSIMX3727	2908-2909	MTHUSIMX3728	2910-
2911					
MTHUSIMX3729	2912-2913	MTHUSIMX3751	2914	MTHUSIMX3752	2915
MTHUSIMX3753	2916-2917	MTHUSIMX3754	2918-2919	NUMMULT38	2920
METHHIST391	2921-2922	METHHIST392	2923-2924	METHHIST393	2925-2926
METHHIST394	2927-2928	SAMEAllYear39	2929	SIMSEQ39	2930
MTHUSIMX3801	2931-2932	MTHUSIMX3802	2933-2934	MTHUSIMX3803	2935-
2936					
MTHUSIMX3804	2937-2938	MTHUSIMX3826	2939-2940	MTHUSIMX3827	2941-
2942					
MTHUSIMX3828	2943-2944	MTHUSIMX3829	2945-2946	MTHUSIMX3851	2947
MTHUSIMX3852	2948	MTHUSIMX3853	2949-2950	MTHUSIMX3854	2951-2952
NUMMULT39	2953	METHHIST401	2954-2955	METHHIST402	2956-2957
METHHIST403	2958-2959	METHHIST404	2960-2961	SAMEAllYear40	2962
SIMSEQ40	2963	MTHUSIMX3901	2964-2965	MTHUSIMX3902	2966-2967

MTHUSIMX3903	2968-2969	MTHUSIMX3904	2970-2971	MTHUSIMX3926	2972-
2973					
MTHUSIMX3927	2974-2975	MTHUSIMX3928	2976-2977	MTHUSIMX3929	2978-
2979					
MTHUSIMX3951	2980	MTHUSIMX3952	2981	MTHUSIMX3953	2982-2983
MTHUSIMX3954	2984-2985	NUMMULT40	2986	METHHIST411	2987-2988
METHHIST412	2989-2990	METHHIST413	2991-2992	METHHIST414	2993-2994
SAMEAllYear41	2995	SIMSEQ41	2996	MTHUSIMX4001	2997-2998
MTHUSIMX4002	2999-3000	MTHUSIMX4003	3001-3002	MTHUSIMX4004	3003-
3004					
MTHUSIMX4026	3005	MTHUSIMX4027	3006-3007	MTHUSIMX4028	3008-3009
MTHUSIMX4029	3010-3011	MTHUSIMX4051	3012	MTHUSIMX4052	3013
MTHUSIMX4053	3014-3015	MTHUSIMX4054	3016-3017	NUMMULT41	3018
METHHIST421	3019-3020	METHHIST422	3021-3022	METHHIST423	3023-3024
METHHIST424	3025-3026	SAMEAllYear42	3027	SIMSEQ42	3028
MTHUSIMX4101	3029	MTHUSIMX4102	3030-3031	MTHUSIMX4103	3032-3033
MTHUSIMX4104	3034-3035	MTHUSIMX4126	3036	MTHUSIMX4127	3037-3038
MTHUSIMX4128	3039-3040	MTHUSIMX4129	3041-3042	MTHUSIMX4151	3043
MTHUSIMX4152	3044	MTHUSIMX4153	3045-3046	MTHUSIMX4154	3047-3048
NUMMULT42	3049	METHHIST431	3050-3051	METHHIST432	3052-3053
METHHIST433	3054-3055	METHHIST434	3056-3057	SAMEAllYear43	3058
SIMSEQ43	3059	MTHUSIMX4201	3060	MTHUSIMX4202	3061-3062
MTHUSIMX4203	3063-3064	MTHUSIMX4204	3065-3066	MTHUSIMX4226	3067
MTHUSIMX4227	3068-3069	MTHUSIMX4228	3070-3071	MTHUSIMX4229	3072
MTHUSIMX4251	3073	MTHUSIMX4252	3074	MTHUSIMX4253	3075-3076
MTHUSIMX4254	3077	NUMMULT43	3078	METHHIST441	3079-3080
METHHIST442	3081-3082	METHHIST443	3083-3084	METHHIST444	3085-3086
SAMEAllYear44	3087	SIMSEQ44	3088	MTHUSIMX4301	3089
MTHUSIMX4302	3090-3091	MTHUSIMX4303	3092-3093	MTHUSIMX4304	3094-
3095					
MTHUSIMX4326	3096	MTHUSIMX4327	3097-3098	MTHUSIMX4328	3099-3100
MTHUSIMX4329	3101	MTHUSIMX4351	3102	MTHUSIMX4352	3103
MTHUSIMX4353	3104-3105	MTHUSIMX4354	3106	NUMMULT44	3107
METHHIST451	3108-3109	METHHIST452	3110-3111	METHHIST453	3112-3113
METHHIST454	3114-3115	SAMEAllYear45	3116	SIMSEQ45	3117
MTHUSIMX4401	3118	MTHUSIMX4402	3119-3120	MTHUSIMX4403	3121-3122
MTHUSIMX4404	3123-3124	MTHUSIMX4426	3125	MTHUSIMX4427	3126-3127
MTHUSIMX4428	3128-3129	MTHUSIMX4429	3130	MTHUSIMX4451	3131
MTHUSIMX4452	3132	MTHUSIMX4453	3133-3134	MTHUSIMX4454	3135
NUMMULT45	3136	METHHIST461	3137-3138	METHHIST462	3139-3140
METHHIST463	3141-3142	METHHIST464	3143-3144	SAMEAllYear46	3145
SIMSEQ46	3146	MTHUSIMX4501	3147	MTHUSIMX4502	3148-3149
MTHUSIMX4503	3150-3151	MTHUSIMX4504	3152-3153	MTHUSIMX4526	3154
MTHUSIMX4527	3155-3156	MTHUSIMX4528	3157-3158	MTHUSIMX4529	3159
MTHUSIMX4551	3160	MTHUSIMX4552	3161	MTHUSIMX4553	3162-3163
MTHUSIMX4554	3164	NUMMULT46	3165	METHHIST471	3166-3167
METHHIST472	3168-3169	METHHIST473	3170-3171	METHHIST474	3172-3173
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MTHUSIMX4602	3178-3179	MTHUSIMX4603	3180-3181	MTHUSIMX4604	3182-
3183					
MTHUSIMX4626	3184	MTHUSIMX4627	3185-3186	MTHUSIMX4628	3187-3188
MTHUSIMX4629	3189	MTHUSIMX4651	3190	MTHUSIMX4652	3191
MTHUSIMX4653	3192-3193	MTHUSIMX4654	3194	NUMMULT47	3195
METHHIST481	3196-3197	METHHIST482	3198-3199	METHHIST483	3200-3201
METHHIST484	3202-3203	SAMEAllYear48	3204	SIMSEQ48	3205
MTHUSIMX4701	3206	MTHUSIMX4702	3207-3208	MTHUSIMX4703	3209-3210

MTHUSIMX4704	3211-3212	MTHUSIMX4726	3213-3214	MTHUSIMX4727	3215-
3216					
MTHUSIMX4728	3217	MTHUSIMX4729	3218	MTHUSIMX4751	3219
MTHUSIMX4752	3220	MTHUSIMX4753	3221-3222	MTHUSIMX4754	3223
NUMMULT48	3224	METHHIST491	3225-3226	METHHIST492	3227-3228
METHHIST493	3229-3230	METHHIST494	3231-3232	SIMSEQ49	3233
MTHUSIMX4801	3234	MTHUSIMX4802	3235	MTHUSIMX4803	3236-3237
MTHUSIMX4804	3238-3239	MTHUSIMX4826	3240	MTHUSIMX4827	3241
MTHUSIMX4828	3242	MTHUSIMX4829	3243	MTHUSIMX4851	3244
MTHUSIMX4852	3245	MTHUSIMX4853	3246	MTHUSIMX4854	3247
NUMMULT49	3248	METHHIST501	3249-3250	METHHIST502	3251-3252
METHHIST503	3253-3254	METHHIST504	3255-3256	SAMEAllYear50	3257
SIMSEQ50	3258	MTHUSIMX4901	3259	MTHUSIMX4902	3260
MTHUSIMX4903	3261-3262	MTHUSIMX4904	3263-3264	MTHUSIMX4926	3265
MTHUSIMX4927	3266	MTHUSIMX4928	3267	MTHUSIMX4929	3268
MTHUSIMX4951	3269	MTHUSIMX4952	3270	MTHUSIMX4953	3271
MTHUSIMX4954	3272	NUMMULT50	3273	METHHIST511	3274
METHHIST512	3275	METHHIST513	3276	METHHIST514	3277
SAMEAllYear51	3278	SIMSEQ51	3279	MTHUSIMX5001	3280
MTHUSIMX5002	3281	MTHUSIMX5003	3282	MTHUSIMX5004	3283
MTHUSIMX5026	3284	MTHUSIMX5027	3285	MTHUSIMX5028	3286
MTHUSIMX5029	3287	MTHUSIMX5051	3288	MTHUSIMX5052	3289
MTHUSIMX5053	3290	MTHUSIMX5054	3291	NUMMULT51	3292
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FSTMTHP12	3321-3322	FSTMTHP13	3323-3324	FSTMTHP14	3325-3326
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USEFSTP3	3349	FSTMTHP31	3350-3351	FSTMTHP32	3352-3353
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BC12PAY42	3448	BC12PAY43	3449	BC12PAY51	3450
BC12PAY52	3451	BC12PAY53	3452	BC12PAY61	3453
BC12PAY62	3454	BC12PAY63	3455	BC12PAY71	3456
BC12PAY72	3457	BC12PAY73	3458	BC12PAY81	3459
BC12PAY82	3460	BC12PAY91	3461	BC12PAY92	3462
BC12PAY93	3463	BC12PAY101	3464	BC12PAY102	3465
BC12PAY103	3466	BC12PAY111	3467	BC12PAY112	3468
BC12PAY113	3469	BC12PAY121	3470	BC12PAY122	3471
BC12PAY123	3472	BC12PAY131	3473	BC12PAY132	3474
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BC12PAY143	3478	REGCAR12	3479	REGCAR13	3480
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REGCAR17	3484	REGCAR18	3485	REGCAR19	3486
REGCAR20	3487	REGCAR21	3488	REGCAR22	3489
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DOLASTWK5	3672	DOLASTWK6	3673	RWRKST	3674
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SPLSTWK5	3685	SPLSTWK6	3686	SPWRKST	3687
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DATCON02	3968-3971	DATCON03	3972-3975	DATCON04	3976-3979
DATCON05	3980-3983	DATCON06	3984-3987	DATCON07	3988-3991
DATCON08	3992-3995	DATCON09	3996-3999	DATCON10	4000-4003

DATCON11	4004-4007	DATCON12	4008-4011	DATCON13	4012-4015
DATCON14	4016-4019	DATCON15	4020-4023	DATCON16	4024-4027
DATCON17	4028-4031	DATCON18	4032-4035	DATCON19	4036-4039
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AGECON04	4052-4055	AGECON05	4056-4059	AGECON06	4060-4063
AGECON07	4064-4067	AGECON08	4068-4071	AGECON09	4072-4075
AGECON10	4076-4079	AGECON11	4080-4083	AGECON12	4084-4087
AGECON13	4088-4091	AGECON14	4092-4095	AGECON15	4096-4099
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MAROUT09	4124	MAROUT10	4125	MAROUT11	4126
MAROUT12	4127	MAROUT13	4128	MAROUT14	4129
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RMAROUT02	4136	RMAROUT03	4137	RMAROUT04	4138
RMAROUT05	4139	RMAROUT06	4140	RMAROUT07	4141
RMAROUT08	4142	RMAROUT09	4143	RMAROUT10	4144
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RMAROUT14	4148	RMAROUT15	4149	RMAROUT16	4150
RMAROUT17	4151	RMAROUT18	4152	RMAROUT19	4153
MARCON01	4154	MARCON02	4155	MARCON03	4156
MARCON04	4157	MARCON05	4158	MARCON06	4159
MARCON07	4160	MARCON08	4161	MARCON09	4162
MARCON10	4163	MARCON11	4164	MARCON12	4165
MARCON13	4166	MARCON14	4167	MARCON15	4168
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LOSSNUM_I	4187	ABORTION_I	4188	LBPREGS_I	4189
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OUTCOM02_I	4193	OUTCOM03_I	4194	OUTCOM04_I	4195
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AGEPRG03_I	4232	AGEPRG04_I	4233	AGEPRG05_I	4234
AGEPRG06_I	4235	AGEPRG07_I	4236	AGEPRG08_I	4237
AGEPRG09_I	4238	AGEPRG10_I	4239	AGEPRG11_I	4240
AGEPRG12_I	4241	AGEPRG13_I	4242	AGEPRG14_I	4243
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AGEPRG18_I	4247	AGEPRG19_I	4248	DATCON01_I	4249
DATCON02_I	4250	DATCON03_I	4251	DATCON04_I	4252
DATCON05_I	4253	DATCON06_I	4254	DATCON07_I	4255
DATCON08_I	4256	DATCON09_I	4257	DATCON10_I	4258
DATCON11_I	4259	DATCON12_I	4260	DATCON13_I	4261
DATCON14_I	4262	DATCON15_I	4263	DATCON16_I	4264

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AGECON04_I	4271	AGECON05_I	4272	AGECON06_I	4273
AGECON07_I	4274	AGECON08_I	4275	AGECON09_I	4276
AGECON10_I	4277	AGECON11_I	4278	AGECON12_I	4279
AGECON13_I	4280	AGECON14_I	4281	AGECON15_I	4282
AGECON16_I	4283	AGECON17_I	4284	AGECON18_I	4285
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MAROUT03_I	4289	MAROUT04_I	4290	MAROUT05_I	4291
MAROUT06_I	4292	MAROUT07_I	4293	MAROUT08_I	4294
MAROUT09_I	4295	MAROUT10_I	4296	MAROUT11_I	4297
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RMAROUT02_I	4307	RMAROUT03_I	4308	RMAROUT04_I	4309
RMAROUT05_I	4310	RMAROUT06_I	4311	RMAROUT07_I	4312
RMAROUT08_I	4313	RMAROUT09_I	4314	RMAROUT10_I	4315
RMAROUT11_I	4316	RMAROUT12_I	4317	RMAROUT13_I	4318
RMAROUT14_I	4319	RMAROUT15_I	4320	RMAROUT16_I	4321
RMAROUT17_I	4322	RMAROUT18_I	4323	RMAROUT19_I	4324
MARCON01_I	4325	MARCON02_I	4326	MARCON03_I	4327
MARCON04_I	4328	MARCON05_I	4329	MARCON06_I	4330
MARCON07_I	4331	MARCON08_I	4332	MARCON09_I	4333
MARCON10_I	4334	MARCON11_I	4335	MARCON12_I	4336
MARCON13_I	4337	MARCON14_I	4338	MARCON15_I	4339
MARCON16_I	4340	MARCON17_I	4341	MARCON18_I	4342
MARCON19_I	4343	CEBOW_I	4344	CEBOWC_I	4345
DATBABY1_I	4346	AGEBABY1_I	4347	LIV1CHLD_I	4348
RMARITAL	4349	FMARNO	4350	MARDAT01	4351-4354
MARDAT02	4355-4358	MARDAT03	4359-4362	MARDAT04	4363-4366
MARDAT05	4367-4370	MARDIS01	4371-4374	MARDIS02	4375-4378
MARDIS03	4379-4382	MARDIS04	4383-4386	MARDIS05	4387-4390
MAREND01	4391	MAREND02	4392	MAREND03	4393
MAREND04	4394	MAREND05	4395	FMAR1AGE	4396-4397
AGEDISS1	4398-4399	AGEDD1	4400-4401	MAR1DISS	4402-4404
DD1REMAR	4405-4407	MAR1BIR1	4408-4410	MAR1CON1	4411-4413
CON1MAR1	4414-4416	B1PREMAR	4417	COHEVER	4418
EVMARCOH	4419	COHAB1	4420-4423	COHSTAT	4424
COHOUT	4425	COH1DUR	4426-4428	HADSEX	4429
SEXEVER	4430	VRY1STAG	4431-4432	SEX1AGE	4433-4434
VRY1STSX	4435-4438	DATESEX1	4439-4442	SEXONCE	4443
FSEXPAGE	4444-4446	SEXMAR	4447-4449	SEX1FOR	4450-4452
PARTS1YR	4453-4454	LSEXDATE	4455-4458	LSEXRAGE	4459-4460
LIFPRTNR	4461-4462	RMARITAL_I	4463	FMARNO_I	4464
MARDAT01_I	4465	MARDAT02_I	4466	MARDAT03_I	4467
MARDAT04_I	4468	MARDAT05_I	4469	MARDIS01_I	4470
MARDIS02_I	4471	MARDIS03_I	4472	MARDIS04_I	4473
MARDIS05_I	4474	MAREND01_I	4475	MAREND02_I	4476
MAREND03_I	4477	MAREND04_I	4478	MAREND05_I	4479
FMAR1AGE_I	4480	AGEDISS1_I	4481	AGEDD1_I	4482
MAR1DISS_I	4483	DD1REMAR_I	4484	MAR1BIR1_I	4485
MAR1CON1_I	4486	CON1MAR1_I	4487	B1PREMAR_I	4488
COHEVER_I	4489	EVMARCOH_I	4490	COHAB1_I	4491
COHSTAT_I	4492	COHOUT_I	4493	COH1DUR_I	4494
HADSEX_I	4495	SEXEVER_I	4496	VRY1STAG_I	4497
SEX1AGE_I	4498	VRY1STSX_I	4499	DATESEX1_I	4500
SEXONCE_I	4501	FSEXPAGE_I	4502	SEXMAR_I	4503

SEX1FOR_I	4504	PARTS1YR_I	4505	LSEXDATE_I	4506
LSEXRAGE_I	4507	LIFPRTNR_I	4508	STRLOPER	4509
tubs	4510	vasect	4511	hyst	4512
ovarect	4513	othr	4514	othrm	4515
FECUND	4516	anybc36	4517	nosex36	4518
INFERT	4519	anybc12	4520	ANYMTHD	4521
NOSEX12	4522-4523	SEXP3MO	4524	SEX3MO	4525
CONSTAT1	4526-4527	CONSTAT2	4528-4529	CONSTAT3	4530-4531
CONSTAT4	4532-4533	PILLR	4534	CONDOMR	4535
SEX1MTHD1	4536-4537	SEX1MTHD2	4538-4539	SEX1MTHD3	4540-4541
SEX1MTHD4	4542-4543	MTHUSE12	4544-4545	METH12M1	4546-4547
METH12M2	4548-4549	METH12M3	4550-4551	METH12M4	4552-4553
MTHUSE3	4554-4555	METH3M1	4556-4557	METH3M2	4558-4559
METH3M3	4560-4561	METH3M4	4562-4563	NUMP3MOS	4564-4565
FMETHOD1	4566-4567	FMETHOD2	4568-4569	FMETHOD3	4570-4571
FMETHOD4	4572-4573	DATEUSE1	4574-4578	SOURCEM1	4579-4580
SOURCEM2	4581-4582	SOURCEM3	4583-4584	SOURCEM4	4585
OLDWP01	4586	OLDWP02	4587	OLDWP03	4588
OLDWP04	4589	OLDWP05	4590	OLDWP06	4591
OLDWP07	4592	OLDWP08	4593	OLDWP09	4594
OLDWP10	4595	OLDWP11	4596	OLDWP12	4597
OLDWP13	4598	OLDWP14	4599	OLDWP15	4600
OLDWP16	4601	OLDWP17	4602	OLDWP18	4603
OLDWP19	4604	OLDWR01	4605	OLDWR02	4606
OLDWR03	4607	OLDWR04	4608	OLDWR05	4609
OLDWR06	4610	OLDWR07	4611	OLDWR08	4612
OLDWR09	4613	OLDWR10	4614	OLDWR11	4615
OLDWR12	4616	OLDWR13	4617	OLDWR14	4618
OLDWR15	4619	OLDWR16	4620	OLDWR17	4621
OLDWR18	4622	OLDWR19	4623	WANTRP01	4624
WANTRP02	4625	WANTRP03	4626	WANTRP04	4627
WANTRP05	4628	WANTRP06	4629	WANTRP07	4630
WANTRP08	4631	WANTRP09	4632	WANTRP10	4633
WANTRP11	4634	WANTRP12	4635	WANTRP13	4636
WANTRP14	4637	WANTRP15	4638	WANTRP16	4639
WANTRP17	4640	WANTRP18	4641	WANTRP19	4642
WANTP01	4643	WANTP02	4644	WANTP03	4645
WANTP04	4646	WANTP05	4647	WANTP06	4648
WANTP07	4649	WANTP08	4650	WANTP09	4651
WANTP10	4652	WANTP11	4653	WANTP12	4654
WANTP13	4655	WANTP14	4656	WANTP15	4657
WANTP16	4658	WANTP17	4659	WANTP18	4660
WANTP19	4661	WANTP5	4662	STRLOPER_I	4663
FECUND_I	4664	INFERT_I	4665	ANYMTHD_I	4666
NOSEX12_I	4667	SEXP3MO_I	4668	SEX3MO_I	4669
CONSTAT1_I	4670	CONSTAT2_I	4671	CONSTAT3_I	4672
CONSTAT4_I	4673	PILLR_I	4674	CONDOMR_I	4675
SEX1MTHD1_I	4676	SEX1MTHD2_I	4677	SEX1MTHD3_I	4678
SEX1MTHD4_I	4679	MTHUSE12_I	4680	METH12M1_I	4681
METH12M2_I	4682	METH12M3_I	4683	METH12M4_I	4684
MTHUSE3_I	4685	METH3M1_I	4686	METH3M2_I	4687
METH3M3_I	4688	METH3M4_I	4689	NUMP3MOS_I	4690
FMETHOD1_I	4691	FMETHOD2_I	4692	FMETHOD3_I	4693
FMETHOD4_I	4694	DATEUSE1_I	4695	SOURCEM1_I	4696
SOURCEM2_I	4697	SOURCEM3_I	4698	SOURCEM4_I	4699
OLDWP01_I	4700	OLDWP02_I	4701	OLDWP03_I	4702
OLDWP04_I	4703	OLDWP05_I	4704	OLDWP06_I	4705

```

OLDWP07_I 4706 OLDWP08_I 4707 OLDWP09_I 4708
OLDWP10_I 4709 OLDWP11_I 4710 OLDWP12_I 4711
OLDWP13_I 4712 OLDWP14_I 4713 OLDWP15_I 4714
OLDWP16_I 4715 OLDWP17_I 4716 OLDWP18_I 4717
OLDWP19_I 4718 OLDWR01_I 4719 OLDWR02_I 4720
OLDWR03_I 4721 OLDWR04_I 4722 OLDWR05_I 4723
OLDWR06_I 4724 OLDWR07_I 4725 OLDWR08_I 4726
OLDWR09_I 4727 OLDWR10_I 4728 OLDWR11_I 4729
OLDWR12_I 4730 OLDWR13_I 4731 OLDWR14_I 4732
OLDWR15_I 4733 OLDWR16_I 4734 OLDWR17_I 4735
OLDWR18_I 4736 OLDWR19_I 4737 WANTRP01_I 4738
WANTRP02_I 4739 WANTRP03_I 4740 WANTRP04_I 4741
WANTRP05_I 4742 WANTRP06_I 4743 WANTRP07_I 4744
WANTRP08_I 4745 WANTRP09_I 4746 WANTRP10_I 4747
WANTRP11_I 4748 WANTRP12_I 4749 WANTRP13_I 4750
WANTRP14_I 4751 WANTRP15_I 4752 WANTRP16_I 4753
WANTRP17_I 4754 WANTRP18_I 4755 WANTRP19_I 4756
WANTP01_I 4757 WANTP02_I 4758 WANTP03_I 4759
WANTP04_I 4760 WANTP05_I 4761 WANTP06_I 4762
WANTP07_I 4763 WANTP08_I 4764 WANTP09_I 4765
WANTP10_I 4766 WANTP11_I 4767 WANTP12_I 4768
WANTP13_I 4769 WANTP14_I 4770 WANTP15_I 4771
WANTP16_I 4772 WANTP17_I 4773 WANTP18_I 4774
WANTP19_I 4775 WANTP5_I 4776 FPTIT12 4777
FPTITMED 4778 FPREGFP 4779 FPREGMED 4780
FPTIT12_I 4781 FPTITMED_I 4782 FPREGFP_I 4783
FPREGMED_I 4784 R_STCLIN 4785 INTENT 4786
ADDEXP 4787-4789 INTENT_I 4790 ADDEXP_I 4791
ANYPRGHP 4792 ANYMSCHP 4793 INFEVER 4794
OVULATE 4795 TUBES 4796 INFERTER 4797
INFERTH 4798 ADVICE 4799 INSEM 4800
INVITRO 4801 ENDOMET 4802 FIBROIDS 4803
PIDTREAT 4804 EVHIVTST 4805 ANYPRGHP_I 4806
ANYMSCHP_I 4807 INFEVER_I 4808 OVULATE_I 4809
TUBES_I 4810 INFERTER_I 4811 INFERTH_I 4812
ADVICE_I 4813 INSEM_I 4814 INVITRO_I 4815
ENDOMET_I 4816 FIBROIDS_I 4817 PIDTREAT_I 4818
EVHIVTST_I 4819 INSURANC 4820 METRO 4821
RELIGION 4822 LABORFOR 4823 INSURANC_I 4824
METRO_I 4825 RELIGION_I 4826 LABORFOR_I 4827
POVERTY 4828-4830 TOTINCR 4831-4832 PUBASSIS 4833
POVERTY_I 4834 TOTINCR_I 4835 PUBASSIS_I 4836
BASEWGT 4837-4854 ADJ_MOD_BASEWGT 4855-4872 FINALWGT 4873-4890
SECU_R 4891 SEST 4892-4893 CMINTVW 4894-4897
CMLSTYR 4898-4901 SCREENTIME $ 4902-4909 INTVLNGTH 4910-4927 ;

```

```

;
proc sort data = project.female;
by caseid;

```

```
RUN;
```

```

/* The following line should contain the complete path and name of your raw
data file */
FILENAME datafile 'g:\Project\NSFG\SAS Files\2002FemPreg.dat';

```

```
/* The following line should contain the directory in which you wish your SAS
file to be stored */
```

```
libname Project 'g:\Project\NSFG\SAS Files' ;
```

```
/* The following line contains the name (without the extension) for your SAS
dataset */
```

```
%LET dataset = Project.Preg ;
```

```
DATA &dataset ;
```

```
INFILE datafile LRECL=447;
```

```
INPUT
```

CASEID \$	1-12	PREGORDR	13-14	HOWPREG_N	15-16
HOWPREG_P	17	MOSCURRP	18	NOWPRGDK	19
PREGEND1	20	PREGEND2	21	NBRNALIV	22
MULTBRTH	23	CMOTPREG	24-27	PRGOUTCOME	28
CMPRGEND	29-32	FLGDKMO1	33	CMPRGBEG	34-37
AGEATEND	38-39	HPAGEEND	40-41	GESTASUN_M	42-43
GESTASUN_W	44-45	WKSGEST	46-47	MOSGEST	48-49
DK1GEST	50	DK2GEST	51	DK3GEST	52
BPA_BDSCHECK1	53	BPA_BDSCHECK2	54	BPA_BDSCHECK3	55
BABYSEX	56	BIRTHWGT_LB	57-58	BIRTHWGT_OZ	59-60
LOBTHWGT	61	BABYSEX2	62	BIRTHWGT_LB2	63-64
BIRTHWGT_OZ2	65-66	LOBTHWGT2	67	BABYSEX3	68
BIRTHWGT_LB3	69-70	BIRTHWGT_OZ3	71-72	LOBTHWGT3	73
CMBABDOB	74-77	KIDAGE	78-81	HPAGELB	82-83
BIRTHPLC	84	PAYBIRTH1	85	PAYBIRTH2	86
PAYBIRTH3	87	KNEWPREG	88-89	TRIMESTR	90
LTRIMEST	91	PRIORSMK	92	POSTSMKS	93
NPOSTSMK	94	GETPRENA	95	BGNPRENA	96-97
PNCTRIM	98	LPNCTRI	99	WORKPREG	100
WORKBORN	101	DIDWORK	102	MATWEEKS	103-104
WEEKSDK	105	MATLEAVE	106-107	MATCHFOUND	108
LIVEHERE	109	ALIVENOW	110	CMKIDIED	111-114
CMKIDLFT	115-118	LASTAGE	119-121	WHEREHOW	122
LEGAGREE	123	PARENEND	124	ANYNURSE	125
FEDSOLID	126	FRSTEATD_N	127-129	FRSTEATD_P	130
FRSTEATD	131-133	QUITNURS	134	AGEQTNUR_N	135-137
AGEQTNUR_P	138	AGEQTNUR	139-141	MatchFound2	142
LIVEHERE2	143	ALIVENOW2	144	CMKIDIED2	145-148
CMKIDLFT2	149-152	LASTAGE2	153-155	WHEREHOW2	156
LEGAGREE2	157	PARENEND2	158	ANYNURSE2	159
FEDSOLID2	160	FRSTEATD_N2	161-162	FRSTEATD_P2	163
FRSTEATD2	164-165	QUITNURS2	166	AGEQTNUR_N2	167-168
AGEQTNUR_P2	169	AGEQTNUR2	170-171	MatchFound3	172
LIVEHERE3	173	ALIVENOW3	174	CMKIDIED3	175-178
CMKIDLFT3	179-182	LASTAGE3	183-185	WHEREHOW3	186
LEGAGREE3	187	PARENEND3	188	ANYNURSE3	189
FEDSOLID3	190	FRSTEATD_N3	191	FRSTEATD_P3	192
FRSTEATD3	193	QUITNURS3	194	AGEQTNUR_N3	195
AGEQTNUR_P3	196	AGEQTNUR3	197	CMLASTLB	198-201
CMFSTPRG	202-205	CMLSTPRG	206-209	CMINTSTR	210-213
CMINTFIN	214-217	CMINTSTROP	218-221	CMINTFINOP	222-225
CMINTSTRCR	226-229	CMINTFINCR	230-233	EVUSEINT	234
STOPDUSE	235	WHYSTOPD	236	WHATMETH01	237-238
WHATMETH02	239-240	WHATMETH03	241-242	WHATMETH04	243-244
RESNOUSE	245	WANTBOLD	246	PROBBABE	247
CNFRMNO	248	WANTBLD2	249	TIMINGOK	250

TOOSOON_N	251-253	TOOSOON_P	254	WTHPART1	255
WTHPART2	256	FEELINPG	257-258	HPWNOLD	259
TIMOKHP	260	COHPBEG	261	COHPEND	262
TELLFATH	263	WHENTELL	264	TRYSSCALE	265-266
WANTSCAL	267-268	WHYPRG1	269	WHYPRG2	270
WHYNOUSE1	271	WHYNOUSE2	272	WHYNOUSE3	273
ANYUSINT	274	PRGLNGTH	275-276	OUTCOME	277
BIRTHORD	278-279	DATEND	280-283	AGEPREG	284-287
DATECON	288-291	AGECON	292-295	FMAROUT5	296
PMARPREG	297	RMAROUT6	298	FMARCON5	299
LEARNPRG	300-301	PNCAREWK	302-303	PAYDELIV	304
LBW1	305	BFEEDWKS	306-308	MATERNLV	309
OLDWANTR	310	OLDWANTP	311	WANTRESP	312
WANTPART	313	CMBIRTH	314-317	AGER	318-319
agescrn	320-321	FMARITAL	322	RMARITAL	323
EDUCAT	324-325	HIEDUC	326-327	RACE	328
HISPANIC	329	HISPRACE	330	RCURPREG	331
PREGNUM	332-333	PARITY	334-335	INSURANC	336
PUBASSIS	337	POVERTY	338-340	LABORFOR	341
RELIGION	342	METRO	343	BRNOUT	344
YRSTRUS	345-348	PRGLNGTH_I	349	OUTCOME_I	350
BIRTHORD_I	351	DATEND_I	352	AGEPREG_I	353
DATECON_I	354	AGECON_I	355	FMAROUT5_I	356
PMARPREG_I	357	RMAROUT6_I	358	FMARCON5_I	359
LEARNPRG_I	360	PNCAREWK_I	361	PAYDELIV_I	362
LBW1_I	363	BFEEDWKS_I	364	MATERNLV_I	365
OLDWANTR_I	366	OLDWANTP_I	367	WANTRESP_I	368
WANTPART_I	369	AGER_I	370	FMARITAL_I	371
RMARITAL_I	372	EDUCAT_I	373	HIEDUC_I	374
RACE_I	375	HISPANIC_I	376	HISPRACE_I	377
RCURPREG_I	378	PREGNUM_I	379	PARITY_I	380
INSURANC_I	381	PUBASSIS_I	382	POVERTY_I	383
LABORFOR_I	384	RELIGION_I	385	METRO_I	386
BASEWGT	387-404	ADJ_MOD_BASEWGT	405-422	FINALWGT	423-440
SECU_P	441	SEST	442-443	CMINTVW	444-447 ;

```

;
proc sort data = project.preg;
by caseid;

RUN;

/* Merge Female and Preg datasets */

data project.FemPregMerge;
merge project.female project.preg ;
By CASEID ;
run;

```

```

proc format;

value agef
. = '. - Under 20'
1 = '1 - 20 - 24'
2 = '2 - 25 - 29'

```

```

3 = '3 - 30 - 34'
4 = '4 - 35 - 39'
5 = '5 - 40 - 45'
;

value marstat2pf
1 = '1 - Married'
0 = '0 - Other'
;

value hispanicf
1 = '1 - Yes'
2 = '2 - No'
;

value racef
1 = '1 - white'
2 = '2 - black'
3 = '3 - other'
;

value eduf
1 = '1 - <HS'
2 = '2 - High School'
3 = '3 - >HS'
;

value momagefbirthf
1 = '1 - <20 years'
0 = '0 - 20 years or older'
. = 'Missing'
;

value haschildf
0 = '0 - None'
1 = '1 - At least one child'
;

value agefirstsexf
1 = '1 - <18'
2 = '2 - >19'
. = 'missing'
;

value livingl4f
1 = '1 - Two Parents'
2 = '2 - Other Living Situation'
;

value firstpregf
0 = 'Non-Live Birth'
1 = 'Live Birth'
. = 'Missing'
;

value ageatbirthf
0 = 'Over 20 Years'

```

```

1 = ' Under 20 Years'
;

value fatherageatbirthf
0 = 'Over 20 Years'
1 = 'Under 20 Years'
;

value pregtimingf
1 = '1 - Unintended'
2 = '2 - Intended'
3 = '3 - Missing'
;

run;

data project.FPnew; set project.FemPregMerge;

if numbabes = 0 then haschild = 0;
else if 1 le numbabes le 22 then haschild = 1;

if 15 le age_r le 19 then age = .;
else if 20 le age_r le 25 then age = 1;
else if 25 le age_r le 29 then age = 2;
else if 30 le age_r le 34 then age = 3;
else if 35 le age_r le 39 then age = 4;
else if 40 le age_r le 45 then age = 5;

if marstat = 1 then marstat2p = 1;
else if marstat in (2,3,4,5,6) then marstat2p = 0;

if rscreenhisp = 1 then hispanic = 1;
else if rscreenhisp = 5 then hispanic = 2;

if rscreenrace in (1,2,3) then race = 3;
else if rscreenrace = 4 then race = 2;
else if rscreenrace = 5 then race = 1;

if 9 le higrade le 11 then edu = 1;
else if higrade = 12 then edu = 2;
else if 13 le higrade le 19 then edu = 3;
else if higrade = . then edu = .;

if momfstch in (1,2) then momagefbirth = 1;
else if momfstch in (3,4,5) then momagefbirth = 0;
else if momfstch in (98, 99, .) then momagefbirth = .;

if momdegre = 1 then momedu = 1;
else if momdegre = 2 then momedu = 2;
else if momdegre in (3, 4) then momedu = 3;
else if momdegre in (.,9) then momedu = .;

if daddegre = 1 then dadedu = 1;
else if daddegre = 2 then dadedu = 2;
else if daddegre in (3,4) then dadedu = 3;
else if daddegre in (.,9) then dadedu = .;

```

```

if 0 le agefstx le 18 then agefirstsex = 1;
else if 19 le agefstx le 44 then agefirstsex = 2;
else if agefstx in (98, 99, .) then agefirstsex = .;

if 0 le agepreg le 1999 then ageatbirth = 1;
else if 2000 le agepreg le 4499 then ageatbirth = 0;
else if agepreg = . then ageatbirth = .;

if hpageend <20 then fatherageatbirth = 1;
else if hpageend in (20-95) then fatherageatbirth = 0;
else if hpageend in (.,98,99) then fatherageatbirth = .;

if parage14 = 1 then living14 = 1;
else if parage14 in (2,3) then living14 = 2;

if timingok = 1 then pregtiming = 1;
else if timingok in (2,3,4) then pregtiming = 2;
else if timingok in (.,7,8,9) then pregtiming = .;

label
    age = 'Age'
    marstatp = 'Marital Status'
    hispanic = 'Hispanic'
    race = 'Race'
    edu = 'Education'
    momagefbirth = "Mom's age at first birth"
    momedu = "Mom's Highest Education"
    dadedu = "Dad's Highest Education"
    parity = 'Number of live births'
    agefirstsex = 'Age at first sex'
    living14 = 'Living Situation at age 14'
    pregtiming = 'Timing of Pregnancy OK?'
;

format
    age agef.
    marstat2p marstat2pf.
    hispanic hispanicf.
    race racef.
    edu eduf.
    momagefbirth momagefbirthf.
    momedu dadedu eduf.
    haschild haschildf.
    agefirstsex agefirstsexf.
    firstpreg firstpregf.
    ageatbirth ageatbirthf.
    fatherageatbirth fatherageatbirthf.
    living14 living14f.
    pregtiming pregtimingf.
;

keep age_r age pregend1 firstpreg agepreg ageatbirth parage14 living14
marstat marstat2p
numbabes haschild momfstch momagefbirth momdegre momedu daddegre dadedu
rscreenrace race rscreenhisp hispanic
higrade edu agefstx agefirstsex sest secu_p finalwgt timingok pregtiming;

```



```

run;

proc freq data = project.FPnew;
tables numbabes*haschild;
run;

proc freq data = project.FPnew;
tables haschild;
run;

/* Create a new dataset to include only females with children */

data project.Finaldata; set project.FPnew;
where haschild = 1;
run;

/* Run Analyses */

proc surveyfreq data = project.Finaldata;
strata SEST;
cluster secu_p;
weight FINALWGT;
tables haschild;
run;

/* Check Recodes */

proc freq data = project.Finaldata order = formatted;
tables age_r*age marstat*marstat2p pregend1*firstpreg agepreg*ageatbirth
momdegre*momedu daddegre*dadedu paragel14*living14 momfstch*momagefbirth
timingok*pregtiming /missing;
run;

/* Run Analyses */

proc surveyfreq data=project.Finaldata order = formatted;
strata SEST;
cluster secu_p;
weight FINALWGT;
tables ageatbirth* (race hispanic marstat2p edu momagefbirth momedu dadedu
living14 pregtiming) / row nostd nototal chisq;
run;

proc means data = project.finaldata;
var age r agefstx ;
where ageatbirth = 1;
run;

proc means data = project.finaldata;
var age r agefstx ;
where ageatbirth = 0;
run;

proc ttest data = project.finaldata;
var agefstx;
run;

```

```

proc surveyfreq data = project.finaldata order = formatted;
strata SEST;
cluster secu_p;
weight FINALWGT;
tables ageatbirth;
run;

proc surveyfreq data=project.Finaldata order = formatted;
strata SEST;
cluster secu_p;
weight FINALWGT;
tables ageatbirth*marstat2p / row nostd nototal chisq;
run;

proc surveylogistic data=project.Finaldata order = formatted;
strata SEST;
cluster secu_p;
weight FINALWGT;
class marstat2p /param = ref;
model ageatbirth = marstat2p;
run;

proc surveylogistic data=project.Finaldata order = formatted;
strata SEST;
cluster secu_p;
weight FINALWGT;
class marstat2p race /param = ref;
model ageatbirth = marstat2p race;
run;

proc surveylogistic data=project.Finaldata order = formatted;
strata SEST;
cluster secu_p;
weight FINALWGT;
class marstat2p edu /param = ref;
model ageatbirth = marstat2p edu;
run;

proc surveylogistic data=project.Finaldata order = formatted;
strata SEST;
cluster secu_p;
weight FINALWGT;
class marstat2p agefirstsex /param = ref;
model ageatbirth = marstat2p agefirstsex;
run;

proc surveylogistic data=project.Finaldata order = formatted;
strata SEST;
cluster secu_p;
weight FINALWGT;
class marstat2p hispanic /param = ref;
model ageatbirth = marstat2p hispanic;
run;

proc surveylogistic data=project.Finaldata order = formatted;
strata SEST;
cluster secu_p;

```

```

weight FINALWGT;
class marstat2p momedu /param = ref;
model ageatbirth = marstat2p momedu;
run;

proc surveylogistic data=project.Finaldata order = formatted;
strata SEST;
cluster secu_p;
weight FINALWGT;
class marstat2p momedu /param = ref;
model ageatbirth = marstat2p dadedu;
run;

proc surveylogistic data=project.Finaldata order = formatted;
strata SEST;
cluster secu_p;
weight FINALWGT;
class marstat2p age /param = ref;
model ageatbirth = marstat2p age;
run;

proc surveylogistic data=project.Finaldata order = formatted;
strata SEST;
cluster secu_p;
weight FINALWGT;
class marstat2p pregtiming /param = ref;
model ageatbirth = marstat2p pregtiming;
run;

/*Adjusted Model adjusting for race, educaiton, age at first sex, and
pregnancy intendedness */
proc surveylogistic data=project.Finaldata order = formatted;
strata SEST;
cluster secu_p;
weight FINALWGT;
class marstat2p race agefirstsex edu pregtiming /param = ref;
model ageatbirth = marstat2p race agefirstsex edu pregtiming;
run;

```