

**CHNS Marriage History Master File  
General Description  
(M07WED)**

The CHNS Marriage History Master File contains information from the Every Married Women Surveys. It contains information about marriage and inter-generational linkages. As a longitudinal file, this file contains multiple years of data for each individual. An individual can have from 1 to 6 years of data as designated by the *WAVE* variable which contains the survey year, 1991, 1993, 1997, 2000, 2004 or 2006 (No marriage history data was collected in 1989).

This file consolidates Marriage History data from 5 survey files:

1991	1993	1997	2000	2004	2006
EMWMAIN	C93EMW1A	C97EMW1	C00EMW	C04ADULT	C06ADULT

**Special Notes:**

1. The Marital Status Codes for Variable S1 were changed for 1993 to be consistent with the other years. Remarried was recoded as "Married", S1=1. For "Widowed", S1=2 and for "Divorced", S1=3.
2. Method of Travel to Parents and In-Laws, variables S9, S16, S23 and S30 were recoded using the 2004/2006 codes to be consistent with all years. The new codes for S9, S16, S23 and S30 are:
  - 1 = Walk
  - 2 = Bicycle
  - 3 = Bus or Subway
  - 4 = Car/Taxi/Motorcycle
  - 5 = Boat
  - 6 = Train
  - 7 = Airplane
  - 8 = Other
  - 9 = Never Travel There

**Special Variables:**

To handle inconsistent responses regarding the date of marriage (Variables S2 and S36), three new variables were created:

1. C\_WED - This is the date of the first marriage which matches all responses or is selected as the most likely marriage date. If C\_WED is 999999, the date is missing.
2. C\_WED2 - If more than 1 marriage, this is the date of the most current marriage which matches all responses or is selected as the most likely date for the most current marriage. If C\_WED2 is 999999, the date of the subsequent marriage is missing. If C\_WED2 is missing (.), then there was only 1 marriage.

3. ALGOL - When the date of marriage (Variable S2) had multiple responses and they were not consistent, several algorithms or methods were used to select the "most likely marriage date". The following ALGOL codes tell which method was used and are listed in order in which they were applied:

- 0 - Only 1 response or all responses were consistent
- 56 - Based on 5 out of 6 responses being the same
- 46 - Based on 4 out of 6 responses being the same
- 36 - Based on 3 out of 6 responses being the same
- 26 - Based on 2 out of 6 responses being the same
- 45 - Based on 4 out of 5 responses being the same
- 35 - Based on 3 out of 5 responses being the same
- 25 - Based on 2 out of 5 responses being the same
- 34 - Based on 3 out of 4 responses being the same
- 24 - Based on 2 out of 4 responses being the same
- 23 - Based on 2 out of 3 responses being the same
- 12 - When only 2 responses, if they were +/- 4 months apart, the latest date was used (assumes 1 lunar and 1 western date). And then, if less than 1 year apart, the response from the most current survey was used
- 97 - The "middle" response was programmatically selected. When 4 or 6 responses, the largest outlier was dropped and the "middle" response was selected from the remaining odd number of responses.
- 98 - Used for 3 or more responses. The year of marriage and month of marriage were looked at separately and if one response had a year that matched the most frequently occurring year and the most frequently occurring month, it was selected.
- 99 - Determined manually by reviewing all available marriage dates, the mother's date of birth and the date the first child was born. Three general guidelines used are (1) the marriage occurred before the first child is born, (2) the most current survey response is the best one and (3) if there are 3 close dates, use the middle one.

Although, C\_WED, C\_WED2 and ALGOL appear on every observation, for each woman, they will always be the same.

Some variable names have been changed to be consistent across all survey years and not all variables contain information for all years. See the following [Variable Name Mapping](#) document.

**CHNS EMW Marriage History  
Variable Mapping Document for M07WED**

<b>Variable/Year</b>	<b>1991</b>	<b>1993</b>	<b>1997</b>	<b>2000</b>	<b>2004</b>	<b>2006</b>	<b>Master</b>
<b>Original file</b>	<b>EMWMAIN</b>	<b>C93EMW1A</b>	<b>C97EMW1</b>	<b>C00EMW</b>	<b>C04ADULT</b>	<b>C06ADULT</b>	<b>M07WED</b>
Household ID	HHID	HHID93	HHID97	HHID00	HHID04	HHID06	HHID
Individual No.	LINE	LINE93	LINE97	LINE00	LINE04	LINE06	LINE
Current Marital Status	S1_91	S1_93	S1	S1	S1	S1	S1
Month and Year Married to Husband	S2_91_M S2_91_Y	S2M_93 S2Y_93	S2_MO S2_YR	S2_MO S2_YR	S2_MO S2_YR	S2_MO S2_YR	S2
Husband Ordinarily Live at Home	S3_91	S3_93	S3	S3	S3	S3	S3
Month and Year Married to Most Recent Husband	S4_91_M S4_91_Y	S4M_93 S4Y_93	S4_MO S4_YR	S4_MO S4_YR	S4_MO S4_YR	S4_MO S4_YR	S4
Month and Year Widowed or Divorced	S5_91_M S5_91_Y	S5M_93 S5Y_93	S5_MO S5_YR	S5_MO S5_YR	S5_MO S5_YR	S5_MO S5_YR	S5
Mother Still Alive	S6_91	S6_93	S6	S6	S6	S6	S6
Where Does Mother Live?	S7_91	S7_93	S7	S7	S7	S7	S7
Distance to Mother's House	S8_91	S8_93	S8	S8	S8	S8	S8
How Normally Travel to Mothers House	S9_91	S9_93	S9	S9	S9A	S9A	S9
Travel Time to Mother's House	S10_91	S10H_93 S10M_93	S10_HR S10_MN	S10_HR S10_MN	S10_HR S10_MN	S10_HR S10_MN	S10
Mother More Than 50 Years Old		S10A	S10A	S10A	S10A	S10A	S10A
Mother Need Caring For Help Mother During Past Week	S11_91	S11_93 S11A_93	S11 S11A	S11 S11A	S11 S11A	S11 S11A	S11 S11A
Hours Spent Caring for Mother	S12_91	S12_93	S12	S12	S12	S12	S12
Father Still Alive	S13_91	S13_93	S13	S13	S13	S13	S13
Where Does Father Live?	S14_91	S14_93	S14	S14	S14	S14	S14
Distance to Father's House	S15_91	S15_93	S15	S15	S15	S15	S15
How Normally Travel to Fathers House	S16_91	S16_93	S16	S16	S16A	S16A	S16
Travel Time to Father's House	S17_91	S17H_93 S17M_93	S17_HR S17_MN	S17_HR S17_MN	S17_HR S17_MN	S17_HR S17_MN	S17
Father More Than 50 Years Old		S17A_93	S17A	S17A	S17A	S17A	S17A
Father Need Caring For Help Father During Past Week	S18_91	S18_93 S18A_93	S18 S18A	S18 S18A	S18 S18A	S18 S18A	S18 S18A
Hours Spent Caring for Father	S19_91	S19_93	S19	S19	S19	S19	S19
Mother-in-Law Still Alive	S20_91	S20_93	S20	S20	S20	S20	S20
Where Does Mother-in-Law Live?	S21_91	S21_93	S21	S21	S21	S21	S21
Distance to Mother-in-Law's House	S22_91	S22_93	S22	S22	S22	S22	S22
How Normally Travel to Mother-in-Laws House	S23_91	S23_93	S23	S23	S23A	S23A	S23

## CHNS EMW Marriage History Variable Mapping Document for M07WED

Travel Time to Mother-in-Law's House	S24_91	S24H_93 S24M_93	S24_HR S24_MN	S24_HR S24_MN	S24_HR S24_MN	S24_HR S24_MN	S24
Mother-in-Law More Than 50 Years Old		S24A_93	S24A	S24A	S24A	S24A	S24A
Mother-in-Law Need Caring For	S25_91	S25_93	S25	S25	S25	S25	S25
Help Mother-in-Law During Past Week		S25A_93	S25A	S25A	S25A	S25A	S25A
Hours Spent Caring for Mother-in-Law	S26_91	S26_93	S26	S26	S26	S26	S26
Father-in-Law Still Alive	S27_91	S27_93	S27	S27	S27	S27	S27
Where Does Father-in-Law Live?	S28_91	S28_93	S28	S28	S28	S28	S28
Distance to Father-in-Law's House	S29_91	S29_93	S29	S29	S29	S29	S29
How Normally Travel to Father-in-Laws House	S30_91	S30_93	S30	S30	S30A	S30A	S30
Travel Time to Father-in-Law's House	S31_91	S31H_93 S31M_93	S31_HR S31_MN	S31_HR S31_MN	S31_HR S31_MN	S31_HR S31_MN	S31
Father-in-Law More Than 50 Years Old		S31A_93	S31A	S31A	S31A	S31A	S31A
Father-in-Law Need Caring For	S32_91	S32_93	S32	S32	S32	S32	S32
Hours Spent Caring for Father-in-Law		S32A_93	S32A	S32A	S32A	S32A	S32A
Hours Spent Caring for Father-in-Law	S33_91	S33_93	S33	S33	S33	S33	S33
Been Married More Than Once	S34_91						S34
How Many Times Married	S35_91	S35_93	S35	S35	S35	S35	S35
Month/Year of First Marriage	S36_91_M S36_91_Y	S36M_93 S36Y_93	S36_MO S36_YR	S36_MO S36_YR	S36_MO S36_YR	S36_MO S36_YR	S36
How Did Marriage End?	S37_91	S37_93	S37	S37	S37	S37	S37
Month/Year Divorced or Widowed	S38_91_M S38_91_Y	S39M_93 S39Y_93	S39_MO S39_YR	S39_MO S39_YR	S39_MO S39_YR	S39_MO S39_YR	S39
Have Any Brothers				S215	S215	S215	S215
How Many Brothers				S216	S216	S216	S216
Have Any Sisters				S217	S217	S217	S217
How Many Sisters				S218	S218	S218	S218
Husband Have Any Brothers				S219	S219	S219	S219
Husband Have How Many Brothers				S220	S220	S220	S220
Husband Have Any Sisters				S221	S221	S221	S221
Husband How Many Sisters				S222	S222	S222	S222

# Contents of Marriage Longitudinal File

## The CONTENTS Procedure

<b>Data Set Name</b>	C07.M07WED	<b>Observations</b>	17927
<b>Member Type</b>	DATA	<b>Variables</b>	66
<b>Engine</b>	V9	<b>Indexes</b>	0
<b>Created</b>	Monday, November 26, 2007 08:55:59 AM	<b>Observation Length</b>	528
<b>Last Modified</b>	Monday, November 26, 2007 08:55:59 AM	<b>Deleted Observations</b>	0
<b>Protection</b>		<b>Compressed</b>	NO
<b>Data Set Type</b>		<b>Sorted</b>	NO
<b>Label</b>			
<b>Data Representation</b>	WINDOWS_32		
<b>Encoding</b>	wlatin1 Western (Windows)		

Engine/Host Dependent Information	
<b>Data Set Page Size</b>	16384
<b>Number of Data Set Pages</b>	599
<b>First Data Page</b>	1
<b>Max Obs per Page</b>	30
<b>Obs in First Data Page</b>	13
<b>Number of Data Set Repairs</b>	0
<b>File Name</b>	f:\chinaid\masters_07\m07wed.sas7bdat
<b>Release Created</b>	9.0101M3
<b>Host Created</b>	XP_PRO

Alphabetic List of Variables and Attributes				
#	Variable	Type	Len	Label
58	ALGOL	Num	8	DATE SELECTION ALGORITHM
61	COMMID	Num	8	COMMUNITY ID
57	C_WED	Num	8	DATE OF FIRST MARRIAGE - YYYYMM
59	C_WED2	Num	8	DATE OF CURRENT MARRIAGE - YYYYMM
45	HHID	Num	8	HOUSEHOLD ID: 2006 HOUSEHOLD
46	LINE	Num	8	LINE NUMBER: IN A 2006 HOUSEHOLD
1	S1	Num	8	CURRENT MARITAL STATUS?
48	S2	Num	8	Year/Month Married - YYYYMM
2	S3	Num	8	HUSBAND LIVES AT HOME?
49	S4	Num	8	Year/Month Married Recent Husband - YYYYMM
50	S5	Num	8	Year/Month Divorced/Widowed - YYYYMM
5	S6	Num	8	MOTHER: STILL ALIVE?
6	S7	Num	8	MOTHER: WHERE LIVES
7	S8	Num	8	MOTHER: DISTANCE(KM) TO HER HOUSE

# Contents of Marriage Longitudinal File

## The CONTENTS Procedure

Alphabetic List of Variables and Attributes				
#	Variable	Type	Len	Label
8	S9	Num	8	MOTHER: HOW NORMALLY TRAVEL TO HER HOUSE
53	S10	Num	8	Travel Hours to Mothers House
10	S11	Num	8	MOTHER: NEEDS TO BE CARED FOR?
12	S12	Num	8	MOTHER: # HRS TOOK CARE OF MOTHER LST WK
13	S13	Num	8	FATHER: STILL ALIVE?
14	S14	Num	8	FATHER: WHERE LIVES
15	S15	Num	8	FATHER: DISTANCE(KM) TO HIS HOUSE
16	S16	Num	8	FATHER: HOW NORMALLY TRAVEL TO HIS HOUSE
54	S17	Num	8	Travel Hours to Fathers House
18	S18	Num	8	FATHER: NEEDS TO BE CARED FOR?
20	S19	Num	8	FATHER: # HRS TOOK CARE OF FATHER LST WK
21	S20	Num	8	MOTHER-IN-LAW: STILL ALIVE?
22	S21	Num	8	MOTHER-IN-LAW: WHERE LIVES
23	S22	Num	8	MOTHER-IN-LAW: DISTANCE(KM) TO HER HOUSE
24	S23	Num	8	MOTHER-IN-LAW: HOW NORMALLY TRAVEL TO
55	S24	Num	8	Travel Hours to Mother-in-laws House
26	S25	Num	8	MOTHER-IN-LAW: NEEDS TO BE CARED FOR?
28	S26	Num	8	MOTHER-IN-LAW: HRS TOOK CARE OF HER LWK
29	S27	Num	8	FATHER-IN-LAW: STILL ALIVE?
30	S28	Num	8	FATHER-IN-LAW: WHERE LIVES
31	S29	Num	8	FATHER-IN-LAW: DISTANCE(KM) TO HIS HOUSE
32	S30	Num	8	FATHER-IN-LAW: HOW NORAMALLY TRAVEL THERE
56	S31	Num	8	Travel Hours to Father-in-laws House
34	S32	Num	8	FATHER-IN-LAW: NEEDS TO BE CARED FOR?
36	S33	Num	8	FATHER-IN-LAW: HRS TOOK CARE OF HIM LWK
60	S34	Num	5	BEEN MARRIED MORE THAN ONCE?
3	S35	Num	8	TOTAL # OF TIMES MARRIED
51	S36	Num	8	Year/Month First Married - YYYYMM
4	S37	Num	8	1ST MARRIAGE: HOW ENDED
52	S39	Num	8	Year/Month Divorced/Widowed - YYYYMM
37	S215	Num	8	HAS ANY BROTHERS?
38	S216	Num	8	# OF BROTHERS
39	S217	Num	8	HAS ANY SISTERS?
40	S218	Num	8	# OF SISTERS
41	S219	Num	8	HUSBAND: HAS ANY BROTHERS?
42	S220	Num	8	HUSBAND: # OF BROTHERS

# *Contents of Marriage Longitudinal File*

## *The CONTENTS Procedure*

<b>Alphabetic List of Variables and Attributes</b>				
<b>#</b>	<b>Variable</b>	<b>Type</b>	<b>Len</b>	<b>Label</b>
<b>43</b>	S221	Num	8	HUSBAND: HAS ANY SISTERS?
<b>44</b>	S222	Num	8	HUSBAND: # OF SISTERS
<b>9</b>	S10A	Num	8	MOTHER: MORE THAN 50 YEARS OLD?
<b>11</b>	S11A	Num	8	MOTHER: HELPED CARE FOR HER LAST WEEK?
<b>17</b>	S17A	Num	8	FATHER: MORE THAN 50 YEARS OLD?
<b>19</b>	S18A	Num	8	FATHER: HELPED CARE FOR HIM LAST WEEK?
<b>25</b>	S24A	Num	8	MOTHER-IN-LAW: MORE THAN 50 YEARS OLD?
<b>27</b>	S25A	Num	8	MOTHER-IN-LAW: HELPED CARE FOR HER LWK?
<b>33</b>	S31A	Num	8	FATHER-IN-LAW: MORE THAN 50 YEARS OLD?
<b>35</b>	S32A	Num	8	FATHER-IN-LAW: HELPED CARE FOR HIM LWK?
<b>62</b>	T1	Num	8	PROVINCE
<b>63</b>	T2	Num	8	1=URBAN SITE(U) 2=RURAL SITE(R)
<b>64</b>	T3	Num	8	U:1-2=CITY NUM/R:1-4=COUNTY NUM
<b>65</b>	T4	Num	8	U:12569=URB 3478=SUB/R:15=TWN 2-4,6-8=VIL
<b>66</b>	T5	Num	8	HOUSEHOLD NUMBER
<b>47</b>	WAVE	Num	8	SURVEY YEAR

*Selected Marriage Variables by Year*

*The FREQ Procedure*

Frequency

Table of S1 by WAVE							
S1(CURRENT MARITAL STATUS?)	WAVE(SURVEY YEAR)						Total
	1991	1993	1997	2000	2004	2006	
.	0	20	32	39	4	27	122
<b>Married</b>	2720	2573	2902	3094	3043	2837	17169
<b>Widowed</b>	32	35	44	55	80	270	516
<b>Divorced</b>	9	9	12	24	33	33	120
<b>Total</b>	2761	2637	2990	3212	3160	3167	17927

Frequency

Table of S9 by WAVE							
S9(MOTHER: HOW NORMALLY TRAVEL TO HER HOUSE)	WAVE(SURVEY YEAR)						Total
	1991	1993	1997	2000	2004	2006	
.	932	967	1035	1160	1371	1486	6951
<b>Walk</b>	543	421	509	471	377	364	2685
<b>Bicycle</b>	773	776	734	677	475	419	3854
<b>Bus or Subway</b>	420	379	564	724	346	274	2707
<b>Car/Taxi/Motocycle</b>	0	0	0	0	510	552	1062
<b>Boat</b>	17	14	15	24	12	7	89
<b>Train</b>	64	62	70	76	63	50	385
<b>Airplane</b>	0	0	0	0	1	1	2
<b>Other</b>	12	16	59	77	2	10	176
<b>Never Travel There</b>	0	2	4	3	3	4	16
<b>Total</b>	2761	2637	2990	3212	3160	3167	17927

*Selected Marriage Variables by Year*

*The FREQ Procedure*

Frequency

Table of S35 by WAVE							
S35(TOTAL # OF TIMES MARRIED)	WAVE(SURVEY YEAR)						Total
	1991	1993	1997	2000	2004	2006	
.	22	400	287	449	354	552	2064
1	2702	2204	2667	2725	2750	2565	15613
2	37	33	34	38	55	50	247
3	0	0	2	0	1	0	3
<b>Total</b>	2761	2637	2990	3212	3160	3167	17927