

birthscohort data**The CONTENTS Procedure**

Data Set Name	EPID795.BIRTHSCOHORT	Observations	61447
Member Type	DATA	Variables	9
Engine	V9	Indexes	0
Created	09/15/2020 16:29:35	Observation Length	144
Last Modified	09/15/2020 16:29:35	Deleted Observations	0
Protection		Compressed	NO
Data Set Type		Sorted	NO
Label			
Data Representation	WINDOWS_64		
Encoding	wlatin1 Western (Windows)		

Engine/Host Dependent Information	
Data Set Page Size	65536
Number of Data Set Pages	136
First Data Page	1
Max Obs per Page	454
Obs in First Data Page	441
Number of Data Set Repairs	0
ExtendObsCounter	YES
Filename	/home/u59075382/epid795/Data/birthscohort.sas7bdat
Release Created	9.0401M6
Host Created	X64_10HOME
Inode Number	4410054626
Access Permission	rw-r--r--
Owner Name	u59075382
File Size	9MB
File Size (bytes)	8978432

Alphabetic List of Variables and Attributes

#	Variable	Type	Len
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8	MAGE	Char	20
7	SEX	Char	20
6	cigdur	Char	20
5	hispmom	Char	20
1	idnum	Num	8
3	prenatal	Char	20
4	race	Char	20
9	weeknum	Num	8
2	weeks	Num	8

Descriptive statistics for gestional age at birth

The UNIVARIATE Procedure

Variable: weeks

Moments			
N	61447	Sum Weights	61447
Mean	38.6557033	Sum Observations	2375277
Std Deviation	2.09513217	Variance	4.3895788
Skewness	-3.257763	Kurtosis	17.6403596
Uncorrected SS	92087725	Corrected SS	269722.059
Coeff Variation	5.41998202	Std Error Mean	0.00845203

Basic Statistical Measures			
Location		Variability	
Mean	38.65570	Std Deviation	2.09513
Median	39.00000	Variance	4.38958
Mode	39.00000	Range	23.00000
		Interquartile Range	2.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	4573.54	Pr > t 	<.0001
Sign	M	30723.5	Pr >= M 	<.0001
Signed Rank	S	9.4395E8	Pr >= S 	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	43
99%	41
95%	41
90%	40
75% Q3	40
50% Median	39
25% Q1	38
10%	37
5%	35
1%	29
0% Min	20

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
20	15076	42	61068

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
20	14898	43	36936
20	11054	43	48062
20	1793	43	60362
20	1631	43	60710

EPID795_FinalProjectPart1_Wong.sas run at 16DEC21:15:31:58 by Jennifer Wong

Descriptive statistics for gestional age at birth

The MEANS Procedure

Analysis Variable : weeks							
N	N Miss	Mean	Std Dev	Range	Median	5th Pctl	95th Pctl
61447	0	38.6557033	2.0951322	23.0000000	39.0000000	35.0000000	41.0000000

EPID795_FinalProjectPart1_Wong.sas run at 16DEC21:15:31:58 by Jennifer Wong

Frequency of gestional age at birth

The FREQ Procedure

weeks	Frequency	Percent	Cumulative Frequency	Cumulative Percent
20	12	0.02	12	0.02
21	33	0.05	45	0.07
22	34	0.06	79	0.13
23	51	0.08	130	0.21
24	70	0.11	200	0.33
25	67	0.11	267	0.43
26	77	0.13	344	0.56
27	86	0.14	430	0.70
28	79	0.13	509	0.83
29	112	0.18	621	1.01
30	134	0.22	755	1.23
31	160	0.26	915	1.49
32	241	0.39	1156	1.88
33	338	0.55	1494	2.43
34	627	1.02	2121	3.45
35	964	1.57	3085	5.02
36	2047	3.33	5132	8.35
37	5372	8.74	10504	17.09
38	8989	14.63	19493	31.72
39	21985	35.78	41478	67.50

weeks	Frequency	Percent	Cumulative Frequency	Cumulative Percent
40	14059	22.88	55537	90.38
41	5657	9.21	61194	99.59
42	249	0.41	61443	99.99
43	4	0.01	61447	100.00

EPID795_FinalProjectPart1_Wong.sas run at 16DEC21:15:31:58 by Jennifer Wong

Percent of Births by Gestational Age at Birth

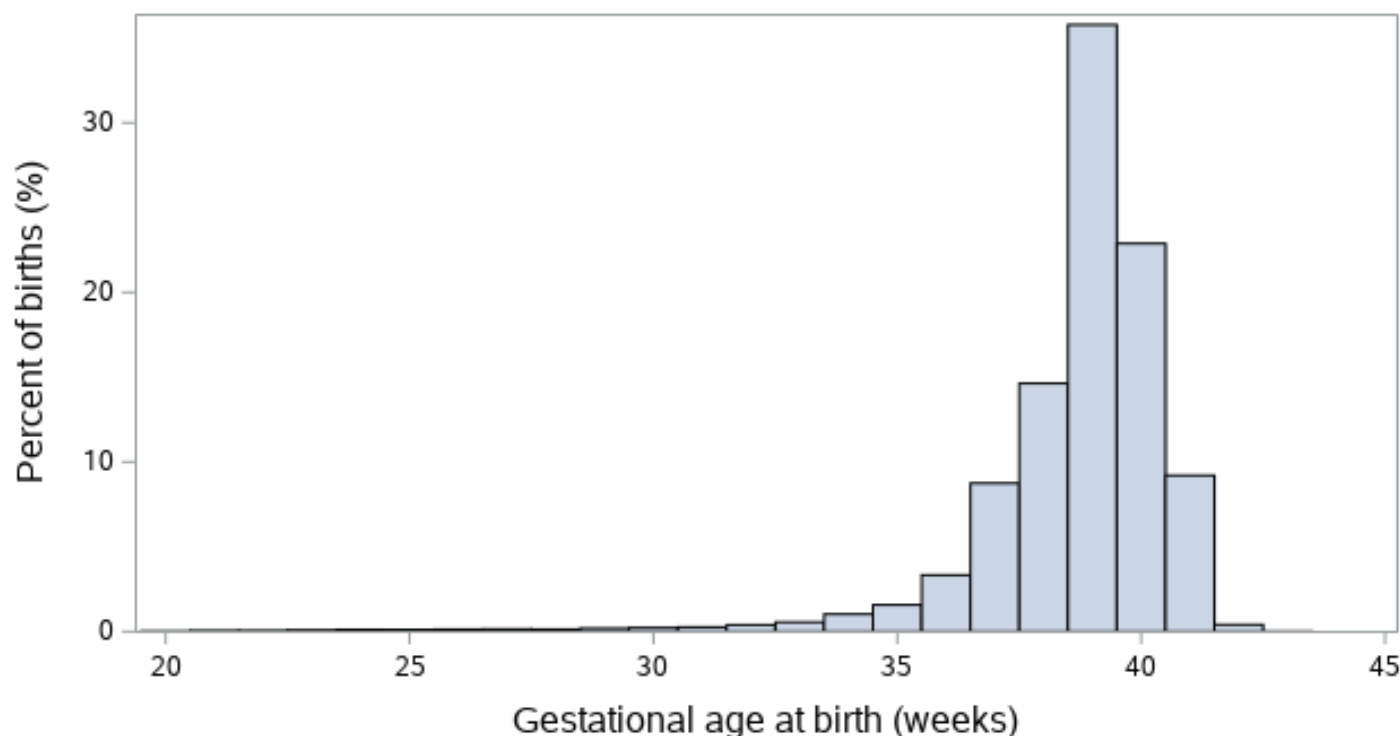


Figure 1. Gestational age at birth was measured from a cohort study population of 61,447 North Carolina live births in 2015. All data were derived from North Carolina Live Birth Certificate data for 2015. The study population included live singleton births without congenital malformations that experienced the entire risk period for preterm birth (the 17-week interval beginning with the 21st week of gestation and ending upon completion of the 37th week of gestation) during 2015. Births with unknown gestational age were excluded. The gestational age at birth has a minimum of 20 weeks, maximum of 43 weeks, median and mean of 39 weeks, and standard deviation of 2.1 weeks.

Descriptive statistics for week of birth in the year 2015

The UNIVARIATE Procedure
Variable: weeknum

Moments			
N	61447	Sum Weights	61447
Mean	32.7751721	Sum Observations	2013936
Std Deviation	7.96760011	Variance	63.4826515
Skewness	-0.083238	Kurtosis	-0.9250278

Moments			
Uncorrected SS	69907854	Corrected SS	3900755
Coeff Variation	24.3098651	Std Error Mean	0.03214232

Basic Statistical Measures			
Location		Variability	
Mean	32.77517	Std Deviation	7.96760
Median	33.00000	Variance	63.48265
Mode	38.00000	Range	48.00000
		Interquartile Range	13.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	1019.689	Pr > t	<.0001
Sign	M	30723.5	Pr >= M	<.0001
Signed Rank	S	9.4395E8	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	50
99%	47
95%	45
90%	44
75% Q3	39
50% Median	33
25% Q1	26
10%	22
5%	20
1%	17
0% Min	2

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
2	2	49	60692
2	1	49	60693
3	61134	49	60696
3	5	49	60748
3	4	50	60710

Descriptive statistics for week of birth in 2015

The MEANS Procedure

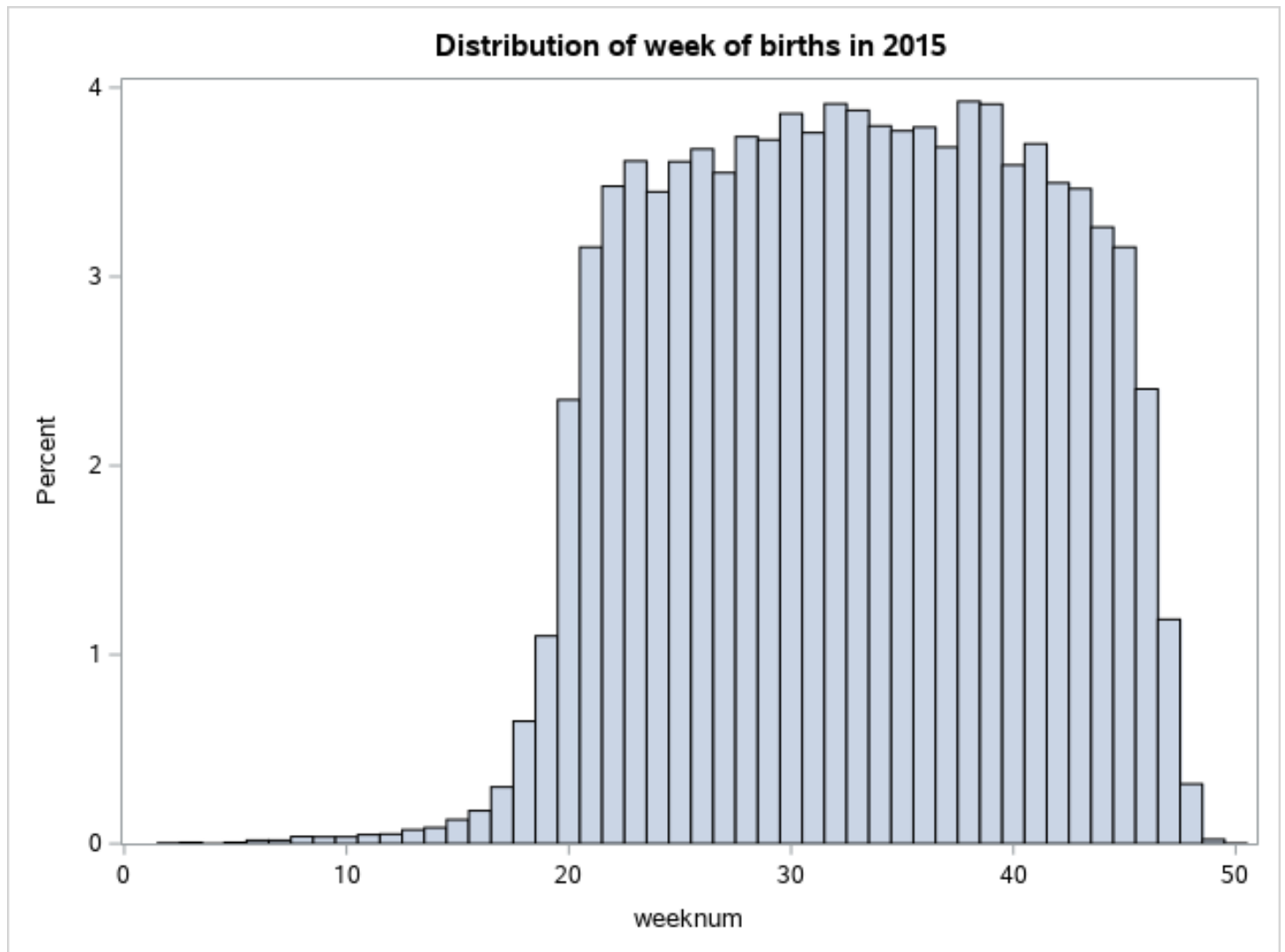
Analysis Variable : weeknum							
N	N Miss	Mean	Std Dev	Range	Median	5th Pctl	95th Pctl
61447	0	32.7751721	7.9676001	48.0000000	33.0000000	20.0000000	45.0000000

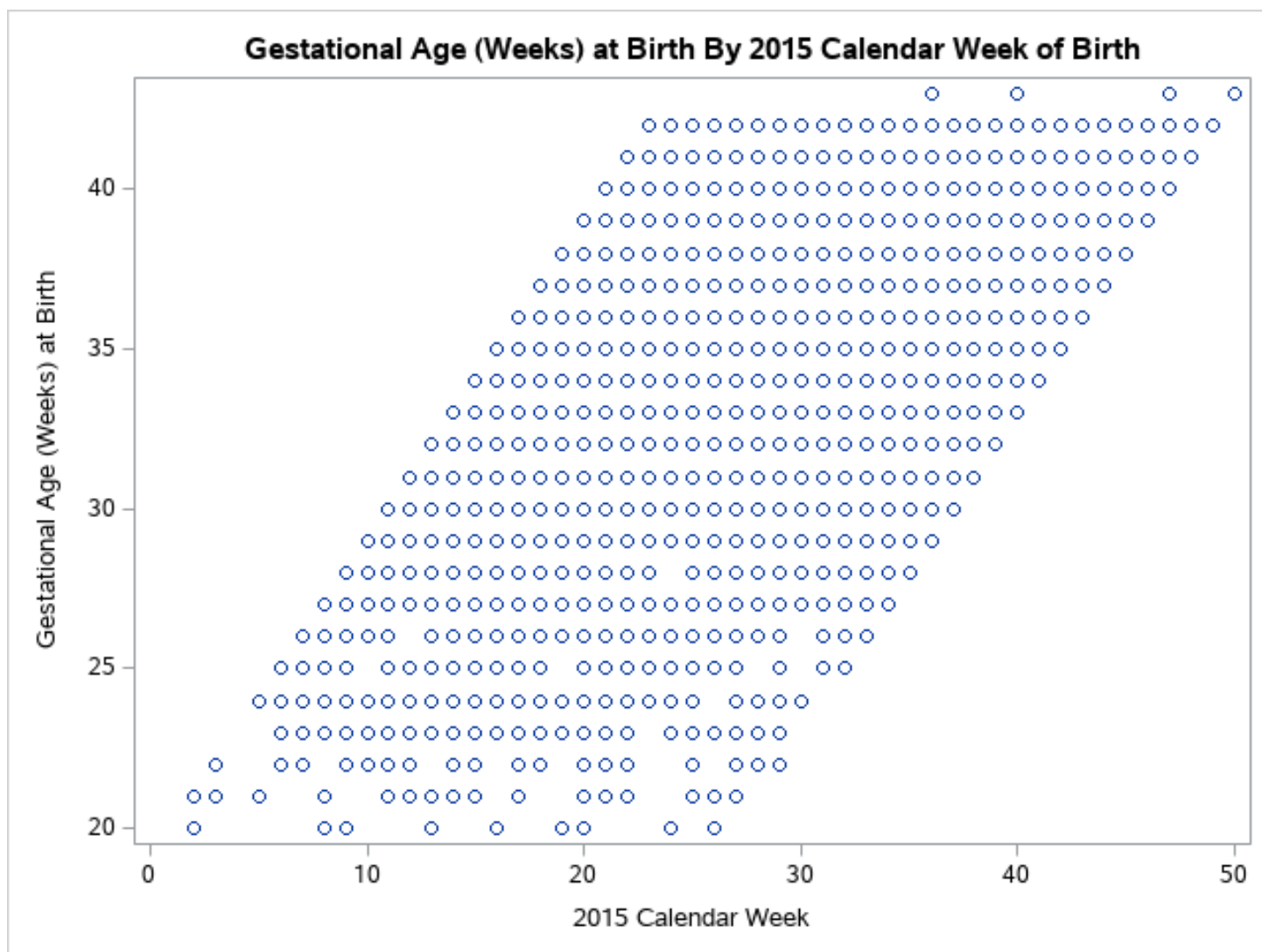
PROC FREQ of Year 2015 Week of Birth

The FREQ Procedure

weeknum	Frequency	Percent	Cumulative Frequency	Cumulative Percent
2	2	0.00	2	0.00
3	4	0.01	6	0.01
5	4	0.01	10	0.02
6	11	0.02	21	0.03
7	11	0.02	32	0.05
8	23	0.04	55	0.09
9	22	0.04	77	0.13
10	22	0.04	99	0.16
11	29	0.05	128	0.21
12	31	0.05	159	0.26
13	45	0.07	204	0.33
14	52	0.08	256	0.42
15	78	0.13	334	0.54
16	107	0.17	441	0.72
17	184	0.30	625	1.02
18	398	0.65	1023	1.66
19	675	1.10	1698	2.76
20	1443	2.35	3141	5.11
21	1939	3.16	5080	8.27
22	2137	3.48	7217	11.75
23	2219	3.61	9436	15.36
24	2119	3.45	11555	18.80
25	2217	3.61	13772	22.41
26	2258	3.67	16030	26.09
27	2181	3.55	18211	29.64
28	2298	3.74	20509	33.38
29	2288	3.72	22797	37.10
30	2373	3.86	25170	40.96
31	2311	3.76	27481	44.72
32	2405	3.91	29886	48.64
33	2384	3.88	32270	52.52
34	2333	3.80	34603	56.31
35	2317	3.77	36920	60.08
36	2329	3.79	39249	63.87
37	2264	3.68	41513	67.56

weeknum	Frequency	Percent	Cumulative Frequency	Cumulative Percent
38	2413	3.93	43926	71.49
39	2404	3.91	46330	75.40
40	2206	3.59	48536	78.99
41	2275	3.70	50811	82.69
42	2148	3.50	52959	86.19
43	2129	3.46	55088	89.65
44	2004	3.26	57092	92.91
45	1939	3.16	59031	96.07
46	1478	2.41	60509	98.47
47	729	1.19	61238	99.66
48	194	0.32	61432	99.98
49	14	0.02	61446	100.00
50	1	0.00	61447	100.00





New dataset with pwk variable

The CONTENTS Procedure

Data Set Name	WORK.BIRTHS3	Observations	61447
Member Type	DATA	Variables	10
Engine	V9	Indexes	0
Created	12/16/2021 15:32:02	Observation Length	152
Last Modified	12/16/2021 15:32:02	Deleted Observations	0
Protection		Compressed	NO
Data Set Type		Sorted	NO
Label			
Data Representation	SOLARIS_X86_64, LINUX_X86_64, ALPHA_TRU64, LINUX_IA64		
Encoding	utf-8 Unicode (UTF-8)		

Engine/Host Dependent Information	
Data Set Page Size	131072
Number of Data Set Pages	72
First Data Page	1

Engine/Host Dependent Information	
Max Obs per Page	861
Obs in First Data Page	841
Number of Data Set Repairs	0
Filename	/saswork/SAS_work2DB60001A874_odaws01-usw2.oda.sas.com/SAS_workFAB60001A874_odaws01-usw2.oda.sas.com/births3.sas7bdat
Release Created	9.0401M6
Host Created	Linux
Inode Number	536913028
Access Permission	rw-r--r--
Owner Name	u59075382
File Size	9MB
File Size (bytes)	9568256

Alphabetic List of Variables and Attributes				
#	Variable	Type	Len	Label
8	MAGE	Char	20	
7	SEX	Char	20	
6	cigdur	Char	20	
5	hispmom	Char	20	
1	idnum	Num	8	
3	prenatal	Char	20	
10	pwk	Num	8	Person-weeks at risk of pre-term birth
4	race	Char	20	
9	weeknum	Num	8	2015 calendar week of birth
2	weeks	Num	8	Weeks of gestation

Risk period for preterm birth

Obs	Person-weeks at risk of pre-term birth
1	0.5
2	1.5
3	1.5
4	1.5
5	2.5
6	4.5
7	4.5
8	4.5
9	4.5
10	5.5

Number of weeks of gestational age completed at birth

Obs	weeks
1	20
2	21
3	21
4	21
5	22
6	24
7	24
8	24
9	24
10	25

Completed weeks of gestation (calculated) by person-time at risk**The FREQ Procedure**

weeks	pwk	Frequency	Percent	Cumulative Frequency	Cumulative Percent
20	0.5	12	0.02	12	0.02
21	1.5	33	0.05	45	0.07
22	2.5	34	0.06	79	0.13
23	3.5	51	0.08	130	0.21
24	4.5	70	0.11	200	0.33
25	5.5	67	0.11	267	0.43
26	6.5	77	0.13	344	0.56
27	7.5	86	0.14	430	0.70
28	8.5	79	0.13	509	0.83
29	9.5	112	0.18	621	1.01
30	10.5	134	0.22	755	1.23
31	11.5	160	0.26	915	1.49
32	12.5	241	0.39	1156	1.88
33	13.5	338	0.55	1494	2.43
34	14.5	627	1.02	2121	3.45
35	15.5	964	1.57	3085	5.02
36	16.5	2047	3.33	5132	8.35
37	17	5372	8.74	10504	17.09
38	17	8989	14.63	19493	31.72
39	17	21985	35.78	41478	67.50
40	17	14059	22.88	55537	90.38
41	17	5657	9.21	61194	99.59
42	17	249	0.41	61443	99.99
43	17	4	0.01	61447	100.00

Descriptive statistics for person-time at risk

The UNIVARIATE Procedure
Variable: pwk (Person-weeks at risk of pre-term birth)

Moments			
N	5132	Sum Weights	5132
Mean	14.1299688	Sum Observations	72515
Std Deviation	3.40658421	Variance	11.604816
Skewness	-1.8857089	Kurtosis	3.02452638
Uncorrected SS	1084179	Corrected SS	59544.3108
Coeff Variation	24.1089294	Std Error Mean	0.04755277

Basic Statistical Measures			
Location		Variability	
Mean	14.12997	Std Deviation	3.40658
Median	15.50000	Variance	11.60482
Mode	16.50000	Range	16.00000
		Interquartile Range	3.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	297.1429	Pr > t 	<.0001
Sign	M	2566	Pr >= M 	<.0001
Signed Rank	S	6585639	Pr >= S 	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	16.5
99%	16.5
95%	16.5
90%	16.5
75% Q3	16.5
50% Median	15.5
25% Q1	13.5
10%	9.5
5%	5.5
1%	2.5
0% Min	0.5

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
0.5	15076	16.5	61228
0.5	14898	16.5	61230
0.5	11054	16.5	61236

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
0.5	1793	16.5	61324
0.5	1631	16.5	61376

Weeks and Birth Status

Obs	Weeks of gestation	Birth Status
1	20	Preterm
2	21	Preterm
3	21	Preterm
4	21	Preterm
5	22	Preterm
6	24	Preterm
7	24	Preterm
8	24	Preterm
9	24	Preterm
10	25	Preterm
11	25	Preterm
12	23	Preterm
13	24	Preterm
14	21	Preterm
15	24	Preterm
16	25	Preterm
17	25	Preterm
18	22	Preterm
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20	23	Preterm
21	25	Preterm
22	23	Preterm
23	26	Preterm
24	24	Preterm
25	24	Preterm
26	22	Preterm
27	25	Preterm
28	24	Preterm
29	26	Preterm
30	25	Preterm
31	25	Preterm
32	25	Preterm
33	21	Preterm
34	21	Preterm
35	24	Preterm

Obs	Weeks of gestation	Birth Status
36	25	Preterm
37	27	Preterm
38	26	Preterm
39	27	Preterm
40	20	Preterm
41	27	Preterm
42	23	Preterm
43	24	Preterm
44	27	Preterm
45	25	Preterm
46	23	Preterm
47	26	Preterm
48	24	Preterm
49	24	Preterm
50	23	Preterm
51	20	Preterm
52	21	Preterm
53	27	Preterm
54	25	Preterm
55	26	Preterm
56	23	Preterm
57	24	Preterm
58	26	Preterm
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61	25	Preterm
62	26	Preterm
63	25	Preterm
64	26	Preterm
65	25	Preterm
66	23	Preterm
67	20	Preterm
68	27	Preterm
69	26	Preterm
70	28	Preterm
71	20	Preterm
72	28	Preterm
73	22	Preterm
74	24	Preterm
75	24	Preterm
76	29	Preterm
77	23	Preterm
78	26	Preterm
79	25	Preterm

Obs	Weeks of gestation	Birth Status
80	24	Preterm
81	22	Preterm
82	26	Preterm
83	28	Preterm
84	29	Preterm
85	27	Preterm
86	29	Preterm
87	27	Preterm
88	28	Preterm
89	24	Preterm
90	29	Preterm
91	27	Preterm
92	29	Preterm
93	26	Preterm
94	27	Preterm
95	24	Preterm
96	26	Preterm
97	28	Preterm
98	28	Preterm
99	24	Preterm
100	30	Preterm
101	22	Preterm
102	29	Preterm
103	25	Preterm
104	26	Preterm
105	29	Preterm
106	29	Preterm
107	24	Preterm
108	27	Preterm
109	30	Preterm
110	25	Preterm
111	21	Preterm
112	22	Preterm
113	25	Preterm
114	25	Preterm
115	26	Preterm
116	27	Preterm
117	27	Preterm
118	22	Preterm
119	29	Preterm
120	28	Preterm
121	27	Preterm
122	30	Preterm
123	22	Preterm

Obs	Weeks of gestation	Birth Status
124	23	Preterm
125	22	Preterm
126	23	Preterm
127	24	Preterm
128	31	Preterm
129	21	Preterm
130	25	Preterm
131	30	Preterm
132	24	Preterm
133	29	Preterm
134	31	Preterm
135	30	Preterm
136	29	Preterm
137	27	Preterm
138	27	Preterm
139	23	Preterm
140	25	Preterm
141	28	Preterm
142	28	Preterm
143	30	Preterm
144	24	Preterm
145	31	Preterm
146	30	Preterm
147	30	Preterm
148	23	Preterm
149	30	Preterm
150	25	Preterm
151	24	Preterm
152	27	Preterm
153	27	Preterm
154	30	Preterm
155	29	Preterm
156	21	Preterm
157	29	Preterm
158	21	Preterm
159	32	Preterm
160	30	Preterm
161	30	Preterm
162	21	Preterm
163	21	Preterm
164	32	Preterm
165	30	Preterm
166	30	Preterm
167	31	Preterm

Obs	Weeks of gestation	Birth Status
168	24	Preterm
169	32	Preterm
170	21	Preterm
171	23	Preterm
172	32	Preterm
173	24	Preterm
174	21	Preterm
175	26	Preterm
176	30	Preterm
177	21	Preterm
178	25	Preterm
179	29	Preterm
180	32	Preterm
181	27	Preterm
182	27	Preterm
183	29	Preterm
184	28	Preterm
185	30	Preterm
186	30	Preterm
187	27	Preterm
188	32	Preterm
189	27	Preterm
190	31	Preterm
191	28	Preterm
192	31	Preterm
193	30	Preterm
194	33	Preterm
195	27	Preterm
196	26	Preterm
197	33	Preterm
198	30	Preterm
199	30	Preterm
200	30	Preterm
201	31	Preterm
202	21	Preterm
203	20	Preterm
204	23	Preterm
205	32	Preterm
206	30	Preterm
207	28	Preterm
208	29	Preterm
209	31	Preterm
210	33	Preterm
211	32	Preterm

Obs	Weeks of gestation	Birth Status
212	31	Preterm
213	23	Preterm
214	33	Preterm
215	29	Preterm
216	33	Preterm
217	32	Preterm
218	33	Preterm
219	28	Preterm
220	29	Preterm
221	26	Preterm
222	33	Preterm
223	33	Preterm
224	28	Preterm
225	31	Preterm
226	24	Preterm
227	32	Preterm
228	33	Preterm
229	33	Preterm
230	27	Preterm
231	28	Preterm
232	29	Preterm
233	24	Preterm
234	23	Preterm
235	33	Preterm
236	32	Preterm
237	27	Preterm
238	26	Preterm
239	31	Preterm
240	25	Preterm
241	33	Preterm
242	22	Preterm
243	29	Preterm
244	28	Preterm
245	31	Preterm
246	23	Preterm
247	33	Preterm
248	23	Preterm
249	28	Preterm
250	32	Preterm
251	22	Preterm
252	34	Preterm
253	28	Preterm
254	24	Preterm
255	33	Preterm

Obs	Weeks of gestation	Birth Status
256	22	Preterm
257	28	Preterm
258	27	Preterm
259	29	Preterm
260	29	Preterm
261	32	Preterm
262	34	Preterm
263	34	Preterm
264	33	Preterm
265	34	Preterm
266	31	Preterm
267	32	Preterm
268	21	Preterm
269	23	Preterm
270	28	Preterm
271	21	Preterm
272	33	Preterm
273	27	Preterm
274	31	Preterm
275	30	Preterm
276	28	Preterm
277	32	Preterm
278	34	Preterm
279	25	Preterm
280	33	Preterm
281	30	Preterm
282	30	Preterm
283	34	Preterm
284	29	Preterm
285	34	Preterm
286	28	Preterm
287	31	Preterm
288	34	Preterm
289	28	Preterm
290	34	Preterm
291	28	Preterm
292	33	Preterm
293	33	Preterm
294	26	Preterm
295	31	Preterm
296	27	Preterm
297	34	Preterm
298	34	Preterm
299	34	Preterm

Obs	Weeks of gestation	Birth Status
300	29	Preterm
301	33	Preterm
302	28	Preterm
303	24	Preterm
304	22	Preterm
305	34	Preterm
306	34	Preterm
307	34	Preterm
308	35	Preterm
309	33	Preterm
310	35	Preterm
311	27	Preterm
312	34	Preterm
313	34	Preterm
314	35	Preterm
315	23	Preterm
316	34	Preterm
317	24	Preterm
318	30	Preterm
319	34	Preterm
320	33	Preterm
321	33	Preterm
322	33	Preterm
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324	34	Preterm
325	25	Preterm
326	27	Preterm
327	34	Preterm
328	34	Preterm
329	28	Preterm
330	34	Preterm
331	33	Preterm
332	34	Preterm
333	34	Preterm
334	34	Preterm
335	31	Preterm
336	34	Preterm
337	32	Preterm
338	32	Preterm
339	33	Preterm
340	32	Preterm
341	32	Preterm
342	35	Preterm
343	27	Preterm

Obs	Weeks of gestation	Birth Status
344	35	Preterm
345	35	Preterm
346	35	Preterm
347	25	Preterm
348	31	Preterm
349	34	Preterm
350	24	Preterm
351	35	Preterm
352	35	Preterm
353	34	Preterm
354	35	Preterm
355	31	Preterm
356	34	Preterm
357	35	Preterm
358	35	Preterm
359	29	Preterm
360	35	Preterm
361	35	Preterm
362	31	Preterm
363	35	Preterm
364	31	Preterm
365	34	Preterm
366	25	Preterm
367	35	Preterm
368	25	Preterm
369	28	Preterm
370	32	Preterm
371	21	Preterm
372	34	Preterm
373	22	Preterm
374	35	Preterm
375	30	Preterm
376	26	Preterm
377	34	Preterm
378	25	Preterm
379	32	Preterm
380	31	Preterm
381	30	Preterm
382	33	Preterm
383	31	Preterm
384	26	Preterm
385	34	Preterm
386	28	Preterm
387	24	Preterm

Obs	Weeks of gestation	Birth Status
388	35	Preterm
389	32	Preterm
390	32	Preterm
391	32	Preterm
392	30	Preterm
393	35	Preterm
394	35	Preterm
395	34	Preterm
396	34	Preterm
397	31	Preterm
398	32	Preterm
399	35	Preterm
400	35	Preterm
401	29	Preterm
402	35	Preterm
403	36	Preterm
404	34	Preterm
405	35	Preterm
406	27	Preterm
407	36	Preterm
408	34	Preterm
409	35	Preterm
410	29	Preterm
411	36	Preterm
412	29	Preterm
413	35	Preterm
414	35	Preterm
415	29	Preterm
416	32	Preterm
417	36	Preterm
418	32	Preterm
419	34	Preterm
420	34	Preterm
421	33	Preterm
422	36	Preterm
423	32	Preterm
424	36	Preterm
425	36	Preterm
426	36	Preterm
427	36	Preterm
428	29	Preterm
429	27	Preterm
430	33	Preterm
431	35	Preterm

Obs	Weeks of gestation	Birth Status
432	25	Preterm
433	34	Preterm
434	36	Preterm
435	36	Preterm
436	23	Preterm
437	33	Preterm
438	30	Preterm
439	35	Preterm
440	34	Preterm
441	31	Preterm
442	35	Preterm
443	35	Preterm
444	23	Preterm
445	35	Preterm
446	36	Preterm
447	28	Preterm
448	35	Preterm
449	35	Preterm
450	36	Preterm
451	36	Preterm
452	33	Preterm
453	24	Preterm
454	32	Preterm
455	35	Preterm
456	32	Preterm
457	33	Preterm
458	36	Preterm
459	36	Preterm
460	35	Preterm
461	34	Preterm
462	36	Preterm
463	34	Preterm
464	36	Preterm
465	36	Preterm
466	36	Preterm
467	35	Preterm
468	35	Preterm
469	36	Preterm
470	35	Preterm
471	28	Preterm
472	35	Preterm
473	34	Preterm
474	33	Preterm
475	30	Preterm

Obs	Weeks of gestation	Birth Status
476	23	Preterm
477	33	Preterm
478	36	Preterm
479	31	Preterm
480	35	Preterm
481	36	Preterm
482	25	Preterm
483	33	Preterm
484	36	Preterm
485	35	Preterm
486	36	Preterm
487	36	Preterm
488	36	Preterm
489	34	Preterm
490	35	Preterm
491	36	Preterm
492	30	Preterm
493	35	Preterm
494	36	Preterm
495	33	Preterm
496	36	Preterm
497	32	Preterm
498	36	Preterm
499	26	Preterm
500	35	Preterm
501	36	Preterm
502	33	Preterm
503	36	Preterm
504	35	Preterm
505	33	Preterm
506	32	Preterm
507	28	Preterm
508	33	Preterm
509	33	Preterm
510	36	Preterm
511	36	Preterm
512	33	Preterm
513	33	Preterm
514	30	Preterm
515	36	Preterm
516	36	Preterm
517	36	Preterm
518	33	Preterm
519	34	Preterm

Obs	Weeks of gestation	Birth Status
520	22	Preterm
521	35	Preterm
522	36	Preterm
523	35	Preterm
524	36	Preterm
525	34	Preterm
526	36	Preterm
527	34	Preterm
528	32	Preterm
529	36	Preterm
530	36	Preterm
531	36	Preterm
532	35	Preterm
533	33	Preterm
534	36	Preterm
535	36	Preterm
536	35	Preterm
537	32	Preterm
538	36	Preterm
539	37	Term
540	33	Preterm
541	35	Preterm
542	27	Preterm
543	36	Preterm
544	23	Preterm
545	36	Preterm
546	36	Preterm
547	36	Preterm
548	36	Preterm
549	34	Preterm
550	36	Preterm
551	34	Preterm
552	34	Preterm
553	35	Preterm
554	35	Preterm
555	36	Preterm
556	36	Preterm
557	36	Preterm
558	36	Preterm
559	36	Preterm
560	35	Preterm
561	33	Preterm
562	36	Preterm
563	33	Preterm

Obs	Weeks of gestation	Birth Status
564	34	Preterm
565	36	Preterm
566	24	Preterm
567	31	Preterm
568	33	Preterm
569	36	Preterm
570	35	Preterm
571	37	Term
572	36	Preterm
573	37	Term
574	34	Preterm
575	32	Preterm
576	23	Preterm
577	36	Preterm
578	21	Preterm
579	35	Preterm
580	36	Preterm
581	36	Preterm
582	36	Preterm
583	35	Preterm
584	36	Preterm
585	35	Preterm
586	33	Preterm
587	36	Preterm
588	36	Preterm
589	33	Preterm
590	35	Preterm
591	36	Preterm
592	36	Preterm
593	21	Preterm
594	36	Preterm
595	33	Preterm
596	36	Preterm
597	35	Preterm
598	36	Preterm
599	26	Preterm
600	36	Preterm
601	27	Preterm
602	36	Preterm
603	37	Term
604	37	Term
605	36	Preterm
606	24	Preterm
607	35	Preterm

Obs	Weeks of gestation	Birth Status
608	30	Preterm
609	37	Term
610	37	Term
611	37	Term
612	35	Preterm
613	37	Term
614	34	Preterm
615	37	Term
616	36	Preterm
617	36	Preterm
618	34	Preterm
619	22	Preterm
620	36	Preterm
621	37	Term
622	37	Term
623	37	Term
624	37	Term
625	36	Preterm
626	37	Term
627	37	Term
628	35	Preterm
629	30	Preterm
630	35	Preterm
631	23	Preterm
632	29	Preterm
633	26	Preterm
634	36	Preterm
635	35	Preterm
636	33	Preterm
637	36	Preterm
638	31	Preterm
639	37	Term
640	37	Term
641	33	Preterm
642	33	Preterm
643	35	Preterm
644	37	Term
645	37	Term
646	36	Preterm
647	37	Term
648	36	Preterm
649	37	Term
650	22	Preterm
651	33	Preterm

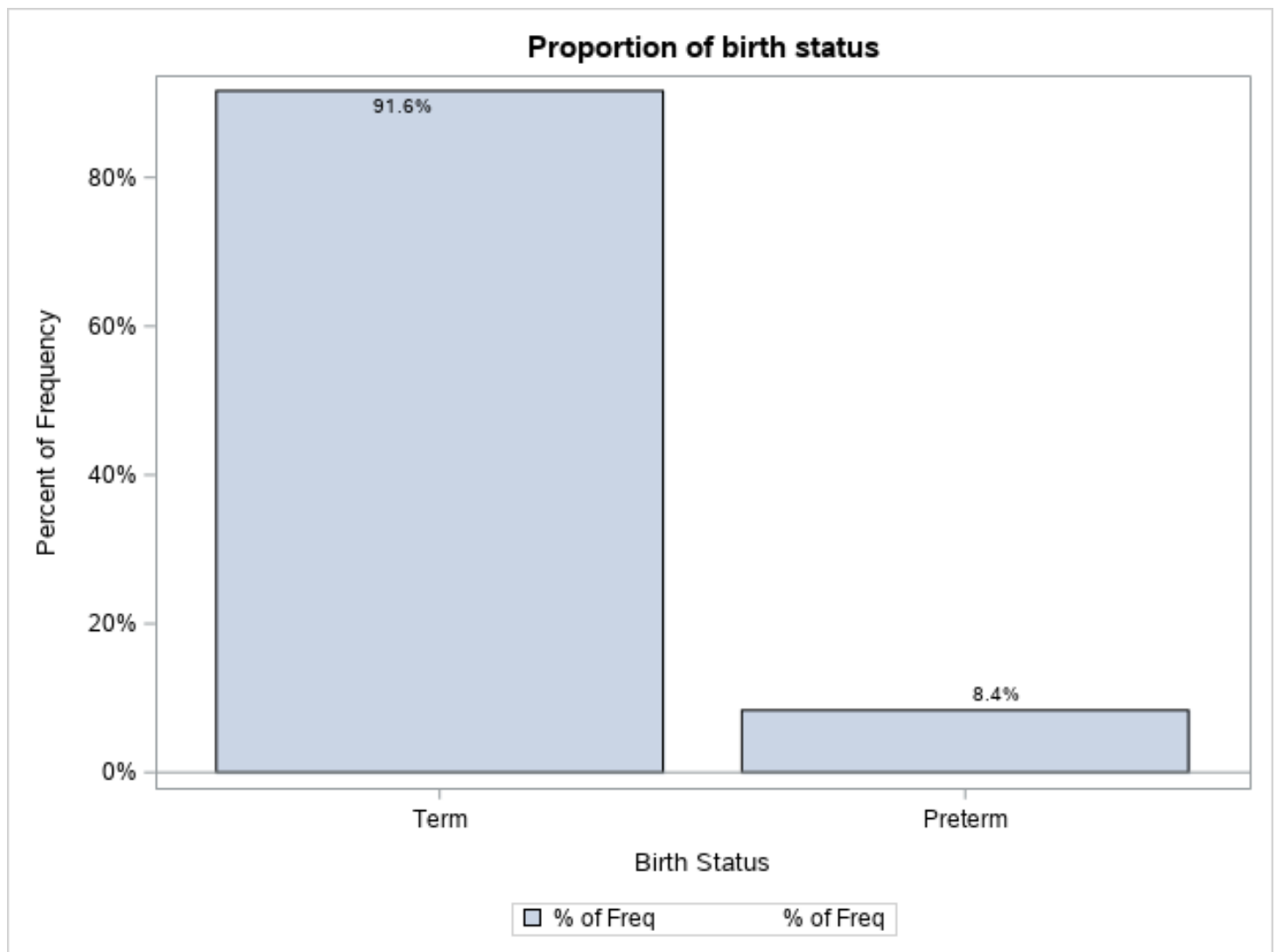
Obs	Weeks of gestation	Birth Status
652	36	Preterm
653	33	Preterm
654	37	Term
655	37	Term
656	37	Term
657	37	Term
658	35	Preterm
659	37	Term
660	30	Preterm
661	36	Preterm
662	37	Term
663	37	Term
664	35	Preterm
665	37	Term
666	37	Term
667	37	Term
668	34	Preterm
669	37	Term
670	37	Term
671	35	Preterm
672	36	Preterm
673	37	Term
674	37	Term
675	36	Preterm
676	37	Term
677	36	Preterm
678	36	Preterm
679	37	Term
680	36	Preterm
681	35	Preterm
682	35	Preterm
683	30	Preterm
684	30	Preterm
685	37	Term
686	35	Preterm
687	36	Preterm
688	31	Preterm
689	36	Preterm
690	37	Term
691	37	Term
692	37	Term
693	37	Term
694	35	Preterm
695	23	Preterm

Obs	Weeks of gestation	Birth Status
696	26	Preterm
697	23	Preterm
698	35	Preterm
699	36	Preterm
700	36	Preterm

Completed weeks of gestation (calculated) by preterm birth

The FREQ Procedure

weeks	preterm	Frequency	Percent	Cumulative Frequency	Cumulative Percent
20	Preterm	12	0.02	12	0.02
21	Preterm	33	0.05	45	0.07
22	Preterm	34	0.06	79	0.13
23	Preterm	51	0.08	130	0.21
24	Preterm	70	0.11	200	0.33
25	Preterm	67	0.11	267	0.43
26	Preterm	77	0.13	344	0.56
27	Preterm	86	0.14	430	0.70
28	Preterm	79	0.13	509	0.83
29	Preterm	112	0.18	621	1.01
30	Preterm	134	0.22	755	1.23
31	Preterm	160	0.26	915	1.49
32	Preterm	241	0.39	1156	1.88
33	Preterm	338	0.55	1494	2.43
34	Preterm	627	1.02	2121	3.45
35	Preterm	964	1.57	3085	5.02
36	Preterm	2047	3.33	5132	8.35
37	Term	5372	8.74	10504	17.09
38	Term	8989	14.63	19493	31.72
39	Term	21985	35.78	41478	67.50
40	Term	14059	22.88	55537	90.38
41	Term	5657	9.21	61194	99.59
42	Term	249	0.41	61443	99.99
43	Term	4	0.01	61447	100.00



Proportion of births that were term and preterm

The FREQ Procedure

Birth Status				
preterm	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Term	56315	91.65	56315	91.65
Preterm	5132	8.35	61447	100.00

Completed weeks of gestation (calculated) by preterm birth among 17-week risk period

The FREQ Procedure

Weeks of gestation				
weeks	Frequency	Percent	Cumulative Frequency	Cumulative Percent
20	12	0.23	12	0.23
21	33	0.64	45	0.88

Weeks of gestation				
weeks	Frequency	Percent	Cumulative Frequency	Cumulative Percent
22	34	0.66	79	1.54
23	51	0.99	130	2.53
24	70	1.36	200	3.90
25	67	1.31	267	5.20
26	77	1.50	344	6.70
27	86	1.68	430	8.38
28	79	1.54	509	9.92
29	112	2.18	621	12.10
30	134	2.61	755	14.71
31	160	3.12	915	17.83
32	241	4.70	1156	22.53
33	338	6.59	1494	29.11
34	627	12.22	2121	41.33
35	964	18.78	3085	60.11
36	2047	39.89	5132	100.00

All data including women who received or did not receive prenatal care

The FREQ Procedure

prenatal	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	2611	4.25	2611	4.25
2	16443	26.76	19054	31.01
3	22483	36.59	41537	67.60
4	8258	13.44	49795	81.04
5	4034	6.57	53829	87.60
6	2350	3.82	56179	91.43
7	1432	2.33	57611	93.76
8	1012	1.65	58623	95.40
88	1461	2.38	60084	97.78
9	757	1.23	60841	99.01
99	606	0.99	61447	100.00

PROC UNIVARIATE: Month of pregnancy when prenatal care began

The UNIVARIATE Procedure Variable: prenatal_num

Moments			
N	61447	Sum Weights	61447
Mean	6.24510554	Sum Observations	383743

Moments			
Std Deviation	15.9548048	Variance	254.555796
Skewness	5.12711443	Kurtosis	24.6633616
Uncorrected SS	18037951	Corrected SS	15641435.5
Coeff Variation	255.476944	Std Error Mean	0.06436372

Basic Statistical Measures			
Location		Variability	
Mean	6.245106	Std Deviation	15.95480
Median	3.000000	Variance	254.55580
Mode	3.000000	Range	98.00000
		Interquartile Range	2.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	97.02835	Pr > t 	<.0001
Sign	M	30723.5	Pr >= M 	<.0001
Signed Rank	S	9.4395E8	Pr >= S 	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	99
99%	88
95%	8
90%	6
75% Q3	4
50% Median	3
25% Q1	2
10%	2
5%	2
1%	1
0% Min	1

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
1	61426	99	61323
1	61404	99	61337
1	61402	99	61348
1	61401	99	61433
1	61400	99	61440

Women who received prenatal care

Obs	idnum	weeks	prenatal	race	hispmom	cigdur	SEX	MAGE	weeknum	pwk	preterm
1	1	20	4	2	N	N	1	31	2	0.5	Preterm
2	2	21	2	4	Y	N	2	27	2	1.5	Preterm
3	3	21	2	1	N	N	1	22	3	1.5	Preterm
4	4	21	3	2	N	N	1	34	3	1.5	Preterm
5	5	22	5	2	N	N	2	20	3	2.5	Preterm
6	6	24	2	2	N	N	2	33	5	4.5	Preterm
7	7	24	2	2	N	N	2	23	5	4.5	Preterm
8	8	24	1	1	N	N	2	25	5	4.5	Preterm
9	9	24	4	2	N	Y	1	18	6	4.5	Preterm
10	10	25	1	1	N	N	2	33	6	5.5	Preterm
11	11	25	3	2	N	N	1	34	6	5.5	Preterm
12	12	23	4	2	N	N	1	39	6	3.5	Preterm
13	13	24	3	2	N	N	1	23	6	4.5	Preterm
14	14	21	2	4	N	N	1	37	5	1.5	Preterm
15	15	24	4	2	N	N	2	25	6	4.5	Preterm
16	16	25	4	3	N	N	2	36	6	5.5	Preterm
17	18	22	2	2	N	N	2	27	6	2.5	Preterm
18	19	22	2	2	N	N	2	21	6	2.5	Preterm
19	20	23	5	4	Y	N	1	36	7	3.5	Preterm
20	21	25	1	2	N	N	1	27	7	5.5	Preterm
21	22	23	4	1	N	N	2	24	7	3.5	Preterm
22	23	26	2	1	N	N	1	32	7	6.5	Preterm
23	26	22	3	4	N	N	1	30	7	2.5	Preterm
24	27	25	3	1	N	N	2	35	8	5.5	Preterm
25	28	24	4	1	N	N	2	25	7	4.5	Preterm
26	29	26	2	2	N	N	2	30	7	6.5	Preterm
27	30	25	2	2	N	N	2	30	7	5.5	Preterm
28	31	25	2	2	N	Y	1	25	7	5.5	Preterm
29	32	25	2	1	N	N	2	24	6	5.5	Preterm
30	33	21	5	2	N	N	2	23	8	1.5	Preterm
31	34	21	3	1	N	N	1	33	8	1.5	Preterm
32	35	24	4	2	N	N	1	27	8	4.5	Preterm
33	36	25	3	2	N	N	2	36	8	5.5	Preterm
34	37	27	3	2	N	N	1	31	8	7.5	Preterm
35	38	26	2	1	N	N	1	28	8	6.5	Preterm
36	39	27	3	1	N	Y	1	33	8	7.5	Preterm
37	40	20	4	1	Y	N	2	22	9	0.5	Preterm
38	41	27	1	2	N	N	1	24	8	7.5	Preterm
39	42	23	4	4	Y	N	2	15	8	3.5	Preterm
40	43	24	6	4	N	N	2	22	8	4.5	Preterm
41	44	27	2	2	N	N	2	33	8	7.5	Preterm
42	45	25	3	3	N	N	1	21	8	5.5	Preterm
43	46	23	2	1	N	N	1	28	8	3.5	Preterm
44	47	26	2	1	N	Y	1	28	9	6.5	Preterm

Obs	idnum	weeks	prenatal	race	hispmom	cigdur	SEX	MAGE	weeknum	pwk	preterm
45	49	24	2	4	Y	N	1	31	8	4.5	Preterm
46	50	23	5	2	N	N	1	21	8	3.5	Preterm
47	51	20	5	2	N	Y	1	24	8	0.5	Preterm
48	53	27	2	1	N	N	1	22	9	7.5	Preterm
49	54	25	2	2	N	N	1	35	9	5.5	Preterm
50	55	26	2	2	N	N	2	23	8	6.5	Preterm
51	56	23	3	3	N	N	1	19	8	3.5	Preterm
52	58	26	2	1	N	N	2	24	9	6.5	Preterm
53	59	27	2	2	N	N	1	25	9	7.5	Preterm
54	60	23	2	2	N	Y	2	23	8	3.5	Preterm
55	61	25	2	2	N	N	1	22	8	5.5	Preterm
56	62	26	3	4	Y	N	2	16	9	6.5	Preterm
57	63	25	2	2	N	N	2	30	9	5.5	Preterm
58	64	26	3	2	N	N	2	27	9	6.5	Preterm
59	65	25	6	2	N	N	1	32	9	5.5	Preterm
60	66	23	4	4	Y	N	2	28	9	3.5	Preterm
61	70	28	4	1	N	Y	1	20	9	8.5	Preterm
62	71	20	3	2	N	N	1	31	9	0.5	Preterm
63	72	28	3	1	N	N	1	29	9	8.5	Preterm
64	73	22	3	4	N	N	1	34	9	2.5	Preterm
65	74	24	4	2	N	N	1	34	9	4.5	Preterm
66	75	24	4	2	N	Y	1	30	10	4.5	Preterm
67	76	29	7	4	Y	N	2	37	10	9.5	Preterm
68	77	23	5	1	N	N	1	33	10	3.5	Preterm
69	78	26	5	1	N	N	1	20	9	6.5	Preterm
70	80	24	3	2	N	Y	2	24	10	4.5	Preterm
71	81	22	2	1	N	Y	1	26	10	2.5	Preterm
72	82	26	1	1	N	N	2	21	10	6.5	Preterm
73	83	28	2	2	N	N	1	22	10	8.5	Preterm
74	84	29	2	4	Y	N	2	31	10	9.5	Preterm
75	85	27	3	1	N	N	2	28	10	7.5	Preterm
76	86	29	6	2	N	N	1	33	10	9.5	Preterm
77	87	27	5	4	Y	N	1	21	10	7.5	Preterm
78	88	28	3	2	N	N	2	27	10	8.5	Preterm
79	89	24	3	2	N	N	1	26	10	4.5	Preterm
80	90	29	3	4	Y	N	1	25	10	9.5	Preterm
81	92	29	2	1	N	N	1	25	10	9.5	Preterm
82	93	26	2	2	N	N	1	24	10	6.5	Preterm
83	94	27	3	4	N	N	1	25	10	7.5	Preterm
84	95	24	1	2	N	N	1	33	10	4.5	Preterm
85	96	26	6	2	N	N	1	28	10	6.5	Preterm
86	97	28	2	2	N	Y	1	26	10	8.5	Preterm
87	98	28	2	4	N	N	2	27	10	8.5	Preterm
88	99	24	2	2	N	N	1	42	11	4.5	Preterm

Obs	idnum	weeks	prenatal	race	hispmom	cigdur	SEX	MAGE	weeknum	pwk	preterm
89	100	30	7	1	N	Y	1	36	11	10.5	Preterm
90	103	25	4	4	Y	N	2	24	11	5.5	Preterm
91	104	26	3	2	N	N	2	29	11	6.5	Preterm
92	105	29	3	1	N	Y	2	38	11	9.5	Preterm
93	106	29	4	1	N	Y	2	27	11	9.5	Preterm
94	107	24	3	1	N	N	1	19	11	4.5	Preterm
95	108	27	1	1	N	N	1	32	11	7.5	Preterm
96	109	30	3	2	N	N	2	30	11	10.5	Preterm
97	110	25	3	2	N	N	1	34	11	5.5	Preterm
98	111	21	5	1	N	N	1	47	11	1.5	Preterm
99	112	22	2	2	N	Y	1	22	11	2.5	Preterm
100	113	25	2	2	N	N	2	31	11	5.5	Preterm
101	114	25	2	1	N	N	2	25	11	5.5	Preterm
102	115	26	2	2	N	N	2	27	11	6.5	Preterm
103	116	27	3	4	Y	N	1	20	11	7.5	Preterm
104	117	27	3	1	N	N	2	29	11	7.5	Preterm
105	118	22	2	4	Y	N	1	32	11	2.5	Preterm
106	119	29	2	1	N	N	1	36	11	9.5	Preterm
107	123	22	3	1	N	N	2	19	11	2.5	Preterm
108	124	23	3	4	N	Y	1	26	11	3.5	Preterm
109	125	22	1	4	Y	N	1	36	12	2.5	Preterm
110	126	23	5	2	N	N	2	37	11	3.5	Preterm
111	127	24	6	4	Y	N	2	22	12	4.5	Preterm
112	128	31	2	4	N	N	1	28	12	11.5	Preterm
113	129	21	4	2	N	N	2	42	12	1.5	Preterm
114	130	25	3	4	Y	N	1	18	12	5.5	Preterm
115	131	30	2	2	N	N	2	25	12	10.5	Preterm
116	132	24	2	2	N	N	2	29	12	4.5	Preterm
117	133	29	3	1	N	Y	1	33	12	9.5	Preterm
118	135	30	1	2	N	N	1	33	12	10.5	Preterm
119	136	29	4	1	N	N	1	24	12	9.5	Preterm
120	137	27	3	2	N	N	1	24	12	7.5	Preterm
121	139	23	3	2	N	N	1	37	12	3.5	Preterm
122	140	25	2	2	N	N	2	33	12	5.5	Preterm
123	141	28	2	4	Y	N	2	25	12	8.5	Preterm
124	142	28	5	2	N	N	2	31	12	8.5	Preterm
125	143	30	3	4	Y	N	1	41	12	10.5	Preterm
126	144	24	2	1	N	N	2	25	12	4.5	Preterm
127	145	31	1	1	N	N	2	41	12	11.5	Preterm
128	146	30	2	2	N	N	2	40	12	10.5	Preterm
129	147	30	2	1	N	N	1	27	12	10.5	Preterm
130	148	23	3	2	Y	N	1	30	11	3.5	Preterm
131	149	30	6	1	N	Y	2	18	12	10.5	Preterm
132	150	25	4	2	N	Y	1	32	12	5.5	Preterm

Obs	idnum	weeks	prenatal	race	hispmom	cigdur	SEX	MAGE	weeknum	pwk	preterm
133	153	27	5	2	N	N	2	32	12	7.5	Preterm
134	154	30	2	1	N	Y	1	33	13	10.5	Preterm
135	155	29	2	4	Y	N	1	22	12	9.5	Preterm
136	156	21	3	1	N	N	1	25	12	1.5	Preterm
137	157	29	7	3	Y	N	1	20	13	9.5	Preterm
138	158	21	3	4	Y	N	1	27	13	1.5	Preterm
139	159	32	5	1	N	N	1	21	13	12.5	Preterm
140	160	30	4	1	N	Y	2	20	12	10.5	Preterm
141	161	30	7	1	N	Y	1	31	12	10.5	Preterm
142	162	21	2	2	N	N	1	17	13	1.5	Preterm
143	163	21	4	1	N	Y	2	20	13	1.5	Preterm
144	164	32	6	1	N	N	2	23	13	12.5	Preterm
145	165	30	3	2	N	N	2	34	13	10.5	Preterm
146	166	30	3	2	N	N	1	42	13	10.5	Preterm
147	168	24	3	1	N	Y	1	34	13	4.5	Preterm
148	169	32	7	2	N	N	2	30	13	12.5	Preterm
149	170	21	3	2	N	N	2	37	13	1.5	Preterm
150	171	23	3	4	Y	N	2	31	13	3.5	Preterm

All data including women who received or did not receive prenatal care

Obs	idnum	weeks	prenatal	race	hispmom	cigdur	SEX	MAGE	weeknum	pwk	preterm
1	1	20	4	2	N	N	1	31	2	0.5	Preterm
2	2	21	2	4	Y	N	2	27	2	1.5	Preterm
3	3	21	2	1	N	N	1	22	3	1.5	Preterm
4	4	21	3	2	N	N	1	34	3	1.5	Preterm
5	5	22	5	2	N	N	2	20	3	2.5	Preterm
6	6	24	2	2	N	N	2	33	5	4.5	Preterm
7	7	24	2	2	N	N	2	23	5	4.5	Preterm
8	8	24	1	1	N	N	2	25	5	4.5	Preterm
9	9	24	4	2	N	Y	1	18	6	4.5	Preterm
10	10	25	1	1	N	N	2	33	6	5.5	Preterm
11	11	25	3	2	N	N	1	34	6	5.5	Preterm
12	12	23	4	2	N	N	1	39	6	3.5	Preterm
13	13	24	3	2	N	N	1	23	6	4.5	Preterm
14	14	21	2	4	N	N	1	37	5	1.5	Preterm
15	15	24	4	2	N	N	2	25	6	4.5	Preterm
16	16	25	4	3	N	N	2	36	6	5.5	Preterm
17	17	25	99	1	N	N	2	21	6	5.5	Preterm
18	18	22	2	2	N	N	2	27	6	2.5	Preterm
19	19	22	2	2	N	N	2	21	6	2.5	Preterm
20	20	23	5	4	Y	N	1	36	7	3.5	Preterm
21	21	25	1	2	N	N	1	27	7	5.5	Preterm

Obs	idnum	weeks	prenatal	race	hispmom	cigdur	SEX	MAGE	weeknum	pwk	preterm
22	22	23	4	1	N	N	2	24	7	3.5	Preterm
23	23	26	2	1	N	N	1	32	7	6.5	Preterm
24	24	24	99	2	N	N	2	28	7	4.5	Preterm
25	25	24	88	2	N	N	2	31	7	4.5	Preterm
26	26	22	3	4	N	N	1	30	7	2.5	Preterm
27	27	25	3	1	N	N	2	35	8	5.5	Preterm
28	28	24	4	1	N	N	2	25	7	4.5	Preterm
29	29	26	2	2	N	N	2	30	7	6.5	Preterm
30	30	25	2	2	N	N	2	30	7	5.5	Preterm
31	31	25	2	2	N	Y	1	25	7	5.5	Preterm
32	32	25	2	1	N	N	2	24	6	5.5	Preterm
33	33	21	5	2	N	N	2	23	8	1.5	Preterm
34	34	21	3	1	N	N	1	33	8	1.5	Preterm
35	35	24	4	2	N	N	1	27	8	4.5	Preterm
36	36	25	3	2	N	N	2	36	8	5.5	Preterm
37	37	27	3	2	N	N	1	31	8	7.5	Preterm
38	38	26	2	1	N	N	1	28	8	6.5	Preterm
39	39	27	3	1	N	Y	1	33	8	7.5	Preterm
40	40	20	4	1	Y	N	2	22	9	0.5	Preterm
41	41	27	1	2	N	N	1	24	8	7.5	Preterm
42	42	23	4	4	Y	N	2	15	8	3.5	Preterm
43	43	24	6	4	N	N	2	22	8	4.5	Preterm
44	44	27	2	2	N	N	2	33	8	7.5	Preterm
45	45	25	3	3	N	N	1	21	8	5.5	Preterm
46	46	23	2	1	N	N	1	28	8	3.5	Preterm
47	47	26	2	1	N	Y	1	28	9	6.5	Preterm
48	48	24	88	1	Y	N	2	23	9	4.5	Preterm
49	49	24	2	4	Y	N	1	31	8	4.5	Preterm
50	50	23	5	2	N	N	1	21	8	3.5	Preterm
51	51	20	5	2	N	Y	1	24	8	0.5	Preterm
52	52	21	99	1	N	N	1	43	8	1.5	Preterm
53	53	27	2	1	N	N	1	22	9	7.5	Preterm
54	54	25	2	2	N	N	1	35	9	5.5	Preterm
55	55	26	2	2	N	N	2	23	8	6.5	Preterm
56	56	23	3	3	N	N	1	19	8	3.5	Preterm
57	57	24	88	2	N	N	2	22	8	4.5	Preterm
58	58	26	2	1	N	N	2	24	9	6.5	Preterm
59	59	27	2	2	N	N	1	25	9	7.5	Preterm
60	60	23	2	2	N	Y	2	23	8	3.5	Preterm
61	61	25	2	2	N	N	1	22	8	5.5	Preterm
62	62	26	3	4	Y	N	2	16	9	6.5	Preterm
63	63	25	2	2	N	N	2	30	9	5.5	Preterm
64	64	26	3	2	N	N	2	27	9	6.5	Preterm
65	65	25	6	2	N	N	1	32	9	5.5	Preterm

Obs	idnum	weeks	prenatal	race	hispmom	cigdur	SEX	MAGE	weeknum	pwk	preterm
66	66	23	4	4	Y	N	2	28	9	3.5	Preterm
67	67	20	88	2	N	N	1	34	9	0.5	Preterm
68	68	27	88	2	N	N	1	29	9	7.5	Preterm
69	69	26	88	2	N	N	2	39	9	6.5	Preterm
70	70	28	4	1	N	Y	1	20	9	8.5	Preterm
71	71	20	3	2	N	N	1	31	9	0.5	Preterm
72	72	28	3	1	N	N	1	29	9	8.5	Preterm
73	73	22	3	4	N	N	1	34	9	2.5	Preterm
74	74	24	4	2	N	N	1	34	9	4.5	Preterm
75	75	24	4	2	N	Y	1	30	10	4.5	Preterm
76	76	29	7	4	Y	N	2	37	10	9.5	Preterm
77	77	23	5	1	N	N	1	33	10	3.5	Preterm
78	78	26	5	1	N	N	1	20	9	6.5	Preterm
79	79	25	88	4	Y	N	1	18	9	5.5	Preterm
80	80	24	3	2	N	Y	2	24	10	4.5	Preterm
81	81	22	2	1	N	Y	1	26	10	2.5	Preterm
82	82	26	1	1	N	N	2	21	10	6.5	Preterm
83	83	28	2	2	N	N	1	22	10	8.5	Preterm
84	84	29	2	4	Y	N	2	31	10	9.5	Preterm
85	85	27	3	1	N	N	2	28	10	7.5	Preterm
86	86	29	6	2	N	N	1	33	10	9.5	Preterm
87	87	27	5	4	Y	N	1	21	10	7.5	Preterm
88	88	28	3	2	N	N	2	27	10	8.5	Preterm
89	89	24	3	2	N	N	1	26	10	4.5	Preterm
90	90	29	3	4	Y	N	1	25	10	9.5	Preterm
91	91	27	88	1	N	Y	1	35	10	7.5	Preterm
92	92	29	2	1	N	N	1	25	10	9.5	Preterm
93	93	26	2	2	N	N	1	24	10	6.5	Preterm
94	94	27	3	4	N	N	1	25	10	7.5	Preterm
95	95	24	1	2	N	N	1	33	10	4.5	Preterm
96	96	26	6	2	N	N	1	28	10	6.5	Preterm
97	97	28	2	2	N	Y	1	26	10	8.5	Preterm
98	98	28	2	4	N	N	2	27	10	8.5	Preterm
99	99	24	2	2	N	N	1	42	11	4.5	Preterm
100	100	30	7	1	N	Y	1	36	11	10.5	Preterm
101	101	22	99	1	N	N	2	33	11	2.5	Preterm
102	102	29	88	2	N	Y	1	26	11	9.5	Preterm
103	103	25	4	4	Y	N	2	24	11	5.5	Preterm
104	104	26	3	2	N	N	2	29	11	6.5	Preterm
105	105	29	3	1	N	Y	2	38	11	9.5	Preterm
106	106	29	4	1	N	Y	2	27	11	9.5	Preterm
107	107	24	3	1	N	N	1	19	11	4.5	Preterm
108	108	27	1	1	N	N	1	32	11	7.5	Preterm
109	109	30	3	2	N	N	2	30	11	10.5	Preterm

Obs	idnum	weeks	prenatal	race	hispmom	cigdur	SEX	MAGE	weeknum	pwk	preterm
110	110	25	3	2	N	N	1	34	11	5.5	Preterm
111	111	21	5	1	N	N	1	47	11	1.5	Preterm
112	112	22	2	2	N	Y	1	22	11	2.5	Preterm
113	113	25	2	2	N	N	2	31	11	5.5	Preterm
114	114	25	2	1	N	N	2	25	11	5.5	Preterm
115	115	26	2	2	N	N	2	27	11	6.5	Preterm
116	116	27	3	4	Y	N	1	20	11	7.5	Preterm
117	117	27	3	1	N	N	2	29	11	7.5	Preterm
118	118	22	2	4	Y	N	1	32	11	2.5	Preterm
119	119	29	2	1	N	N	1	36	11	9.5	Preterm
120	120	28	88	1	N	N	2	31	11	8.5	Preterm
121	121	27	99	1	N	N	1	31	11	7.5	Preterm
122	122	30	88	1	N	N	2	23	11	10.5	Preterm
123	123	22	3	1	N	N	2	19	11	2.5	Preterm
124	124	23	3	4	N	Y	1	26	11	3.5	Preterm
125	125	22	1	4	Y	N	1	36	12	2.5	Preterm
126	126	23	5	2	N	N	2	37	11	3.5	Preterm
127	127	24	6	4	Y	N	2	22	12	4.5	Preterm
128	128	31	2	4	N	N	1	28	12	11.5	Preterm
129	129	21	4	2	N	N	2	42	12	1.5	Preterm
130	130	25	3	4	Y	N	1	18	12	5.5	Preterm
131	131	30	2	2	N	N	2	25	12	10.5	Preterm
132	132	24	2	2	N	N	2	29	12	4.5	Preterm
133	133	29	3	1	N	Y	1	33	12	9.5	Preterm
134	134	31	99	4	Y	N	1	33	12	11.5	Preterm
135	135	30	1	2	N	N	1	33	12	10.5	Preterm
136	136	29	4	1	N	N	1	24	12	9.5	Preterm
137	137	27	3	2	N	N	1	24	12	7.5	Preterm
138	138	27	88	2	N	N	2	20	11	7.5	Preterm
139	139	23	3	2	N	N	1	37	12	3.5	Preterm
140	140	25	2	2	N	N	2	33	12	5.5	Preterm
141	141	28	2	4	Y	N	2	25	12	8.5	Preterm
142	142	28	5	2	N	N	2	31	12	8.5	Preterm
143	143	30	3	4	Y	N	1	41	12	10.5	Preterm
144	144	24	2	1	N	N	2	25	12	4.5	Preterm
145	145	31	1	1	N	N	2	41	12	11.5	Preterm
146	146	30	2	2	N	N	2	40	12	10.5	Preterm
147	147	30	2	1	N	N	1	27	12	10.5	Preterm
148	148	23	3	2	Y	N	1	30	11	3.5	Preterm
149	149	30	6	1	N	Y	2	18	12	10.5	Preterm
150	150	25	4	2	N	Y	1	32	12	5.5	Preterm

Frequency among women who received prenatal care

The FREQ Procedure

prenatal	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	2611	4.40	2611	4.40
2	16443	27.69	19054	32.09
3	22483	37.86	41537	69.95
4	8258	13.91	49795	83.86
5	4034	6.79	53829	90.65
6	2350	3.96	56179	94.61
7	1432	2.41	57611	97.02
8	1012	1.70	58623	98.73
9	757	1.27	59380	100.00

Prenatal Care Start Month and Prenatal Care in First 5 Months of Gestation

Obs	prenatal	Prenatal Care in First 5 Months of Gestation
1	4	Yes
2	2	Yes
3	2	Yes
4	3	Yes
5	5	Yes
6	2	Yes
7	2	Yes
8	1	Yes
9	4	Yes
10	1	Yes
11	3	Yes
12	4	Yes
13	3	Yes
14	2	Yes
15	4	Yes
16	4	Yes
17	99	Missing
18	2	Yes
19	2	Yes
20	5	Yes
21	1	Yes
22	4	Yes
23	2	Yes
24	99	Missing
25	88	No
26	3	Yes
27	3	Yes
28	4	Yes

Obs	prenatal	Prenatal Care in First 5 Months of Gestation
29	2	Yes
30	2	Yes
31	2	Yes
32	2	Yes
33	5	Yes
34	3	Yes
35	4	Yes
36	3	Yes
37	3	Yes
38	2	Yes
39	3	Yes
40	4	Yes
41	1	Yes
42	4	Yes
43	6	No
44	2	Yes
45	3	Yes
46	2	Yes
47	2	Yes
48	88	No
49	2	Yes
50	5	Yes
51	5	Yes
52	99	Missing
53	2	Yes
54	2	Yes
55	2	Yes
56	3	Yes
57	88	No
58	2	Yes
59	2	Yes
60	2	Yes
61	2	Yes
62	3	Yes
63	2	Yes
64	3	Yes
65	6	No
66	4	Yes
67	88	No
68	88	No
69	88	No
70	4	Yes
71	3	Yes
72	3	Yes

Obs	prenatal	Prenatal Care in First 5 Months of Gestation
73	3	Yes
74	4	Yes
75	4	Yes
76	7	No
77	5	Yes
78	5	Yes
79	88	No
80	3	Yes
81	2	Yes
82	1	Yes
83	2	Yes
84	2	Yes
85	3	Yes
86	6	No
87	5	Yes
88	3	Yes
89	3	Yes
90	3	Yes
91	88	No
92	2	Yes
93	2	Yes
94	3	Yes
95	1	Yes
96	6	No
97	2	Yes
98	2	Yes
99	2	Yes
100	7	No
101	99	Missing
102	88	No
103	4	Yes
104	3	Yes
105	3	Yes
106	4	Yes
107	3	Yes
108	1	Yes
109	3	Yes
110	3	Yes
111	5	Yes
112	2	Yes
113	2	Yes
114	2	Yes
115	2	Yes
116	3	Yes

Obs	prenatal	Prenatal Care in First 5 Months of Gestation
117	3	Yes
118	2	Yes
119	2	Yes
120	88	No
121	99	Missing
122	88	No
123	3	Yes
124	3	Yes
125	1	Yes
126	5	Yes
127	6	No
128	2	Yes
129	4	Yes
130	3	Yes
131	2	Yes
132	2	Yes
133	3	Yes
134	99	Missing
135	1	Yes
136	4	Yes
137	3	Yes
138	88	No
139	3	Yes
140	2	Yes
141	2	Yes
142	5	Yes
143	3	Yes
144	2	Yes
145	1	Yes
146	2	Yes
147	2	Yes
148	3	Yes
149	6	No
150	4	Yes
151	88	No
152	88	No
153	5	Yes
154	2	Yes
155	2	Yes
156	3	Yes
157	7	No
158	3	Yes
159	5	Yes
160	4	Yes

Obs	prenatal	Prenatal Care in First 5 Months of Gestation
161	7	No
162	2	Yes
163	4	Yes
164	6	No
165	3	Yes
166	3	Yes
167	88	No
168	3	Yes
169	7	No
170	3	Yes
171	3	Yes
172	6	No
173	4	Yes
174	2	Yes
175	99	Missing
176	3	Yes
177	2	Yes
178	4	Yes
179	1	Yes
180	3	Yes
181	3	Yes
182	3	Yes
183	7	No
184	1	Yes
185	4	Yes
186	3	Yes
187	6	No
188	3	Yes
189	7	No
190	2	Yes
191	5	Yes
192	2	Yes
193	2	Yes
194	2	Yes
195	2	Yes
196	2	Yes
197	88	No
198	1	Yes
199	2	Yes
200	88	No
201	3	Yes
202	4	Yes
203	88	No
204	88	No

Obs	prenatal	Prenatal Care in First 5 Months of Gestation
205	2	Yes
206	99	Missing
207	5	Yes
208	2	Yes
209	4	Yes
210	2	Yes
211	3	Yes
212	5	Yes
213	2	Yes
214	3	Yes
215	5	Yes
216	3	Yes
217	2	Yes
218	4	Yes
219	2	Yes
220	3	Yes
221	2	Yes
222	88	No
223	4	Yes
224	1	Yes
225	3	Yes
226	5	Yes
227	88	No
228	3	Yes
229	3	Yes
230	2	Yes
231	3	Yes
232	5	Yes
233	3	Yes
234	3	Yes
235	2	Yes
236	5	Yes
237	2	Yes
238	4	Yes
239	2	Yes
240	2	Yes
241	3	Yes
242	3	Yes
243	3	Yes
244	88	No
245	2	Yes
246	3	Yes
247	3	Yes
248	3	Yes

Obs	prenatal	Prenatal Care in First 5 Months of Gestation
249	1	Yes
250	3	Yes

Prenatal Care in First 20 Weeks, By Month in which Prenatal Care Began

The FREQ Procedure

prenatal	pnc5	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	Yes	2611	4.29	2611	4.29
2	Yes	16443	27.03	19054	31.32
3	Yes	22483	36.95	41537	68.27
4	Yes	8258	13.57	49795	81.84
5	Yes	4034	6.63	53829	88.47
6	No	2350	3.86	56179	92.34
7	No	1432	2.35	57611	94.69
8	No	1012	1.66	58623	96.35
88	No	1461	2.40	60084	98.76
9	No	757	1.24	60841	100.00
99	Missing	606	.	.	.
Frequency Missing = 606					

Overall prenatal care in first 5 months of gestation

The FREQ Procedure

Prenatal Care in First 5 Months of Gestation				
pnc5	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing	606	.	.	.
No	7012	11.53	7012	11.53
Yes	53829	88.47	60841	100.00
Frequency Missing = 606				

Prenatal care in first 5 months of gestation where birth status is preterm

The FREQ Procedure

Prenatal Care in First 5 Months of Gestation				
pnc5	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing	101	.	.	.
No	826	16.42	826	16.42
Frequency Missing = 101				

Prenatal Care in First 5 Months of Gestation				
pnc5	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	4205	83.58	5031	100.00
Frequency Missing = 101				

Prenatal care in first 5 months of gestation where birth status is term

The FREQ Procedure

Prenatal Care in First 5 Months of Gestation				
pnc5	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing	505	.	.	.
No	6186	11.08	6186	11.08
Yes	49624	88.92	55810	100.00
Frequency Missing = 505				

Early prenatal care (in the first 20 weeks of gestation) by preterm birth status

The FREQ Procedure

Birth Status=Term

Prenatal Care in First 5 Months of Gestation				
pnc5	Frequency	Percent	Cumulative Frequency	Cumulative Percent

Missing	505	0.90	505	0.90
No	6186	10.98	6691	11.88
Yes	49624	88.12	56315	100.00

Early prenatal care (in the first 20 weeks of gestation) by preterm birth status

The FREQ Procedure

Birth Status=Preterm

Prenatal Care in First 5 Months of Gestation				
pnc5	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing	101	1.97	101	1.97
No	826	16.10	927	18.06
Yes	4205	81.94	5132	100.00

Preterm birth status by early prenatal care (in the first 20 weeks of gestation)

The FREQ Procedure

Prenatal Care in First 5 Months of Gestation=Missing

Birth Status				
preterm	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Term	505	83.33	505	83.33
Preterm	101	16.67	606	100.00

Preterm birth status by early prenatal care (in the first 20 weeks of gestation)

The FREQ Procedure

Prenatal Care in First 5 Months of Gestation=No

Birth Status				
preterm	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Term	6186	88.22	6186	88.22
Preterm	826	11.78	7012	100.00

Preterm birth status by early prenatal care (in the first 20 weeks of gestation)

The FREQ Procedure

Prenatal Care in First 5 Months of Gestation=Yes

Birth Status				
preterm	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Term	49624	92.19	49624	92.19
Preterm	4205	7.81	53829	100.00

Preterm birth status by early prenatal care (in the first 20 weeks of gestation)

The FREQ Procedure

Prenatal Care in First 5 Months of Gestation=Missing

Birth Status				
preterm	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Term	505	83.33	505	83.33

Birth Status				
preterm	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Preterm	101	16.67	606	100.00

Preterm birth status by early prenatal care (in the first 20 weeks of gestation)

The FREQ Procedure

Prenatal Care in First 5 Months of Gestation=No

Birth Status				
preterm	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Term	6186	88.22	6186	88.22
Preterm	826	11.78	7012	100.00

Preterm birth status by early prenatal care (in the first 20 weeks of gestation)

The FREQ Procedure

Prenatal Care in First 5 Months of Gestation=Yes

Birth Status				
preterm	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Term	49624	92.19	49624	92.19
Preterm	4205	7.81	53829	100.00

Preterm birth status by early prenatal care (in the first 20 weeks of gestation)

The FREQ Procedure

Prenatal Care in First 5 Months of Gestation=Missing

Birth Status				
preterm	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Term	505	83.33	505	83.33
Preterm	101	16.67	606	100.00

Preterm birth status by early prenatal care (in the first 20 weeks of gestation)

The FREQ Procedure

Prenatal Care in First 5 Months of Gestation=No

Birth Status				
preterm	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Term	6186	88.22	6186	88.22
Preterm	826	11.78	7012	100.00

Preterm birth status by early prenatal care (in the first 20 weeks of gestation)

The FREQ Procedure

Prenatal Care in First 5 Months of Gestation=Yes

Birth Status				
preterm	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Term	49624	92.19	49624	92.19
Preterm	4205	7.81	53829	100.00

PROC CONTENTS of births6

The CONTENTS Procedure

Data Set Name	WORK.BIRTHS6	Observations	61447
Member Type	DATA	Variables	13
Engine	V9	Indexes	0
Created	12/16/2021 15:32:04	Observation Length	176
Last Modified	12/16/2021 15:32:04	Deleted Observations	0
Protection		Compressed	NO
Data Set Type		Sorted	NO
Label			
Data Representation	SOLARIS_X86_64, LINUX_X86_64, ALPHA_TRU64, LINUX_IA64		
Encoding	utf-8 Unicode (UTF-8)		

Engine/Host Dependent Information	
Data Set Page Size	131072
Number of Data Set Pages	83
First Data Page	1
Max Obs per Page	743
Obs in First Data Page	723
Number of Data Set Repairs	0
Filename	/saswork/SAS_work2DB60001A874_odaws01-usw2.oda.sas.com/SAS_workFAB60001A874_odaws01-usw2.oda.sas.com/births6.sas7bdat
Release Created	9.0401M6

Engine/Host Dependent Information	
Host Created	Linux
Inode Number	536919673
Access Permission	rw-r--r--
Owner Name	u59075382
File Size	11MB
File Size (bytes)	11010048

Alphabetic List of Variables and Attributes					
#	Variable	Type	Len	Format	Label
8	MAGE	Char	20		
7	SEX	Char	20		
6	cigdur	Char	20		
5	hispmom	Char	20		
1	idnum	Num	8		
13	pnc5	Num	8	PNC5F.	Prenatal Care in First 5 Months of Gestation
3	prenatal	Char	20		
12	prenatal_num	Num	8		Month in which prenatal care began (recoded)
11	preterm	Num	8	PRETERMF.	Birth Status
10	pwk	Num	8		Person-weeks at risk of pre-term birth
4	race	Char	20		
9	weeknum	Num	8		2015 calendar week of birth
2	weeks	Num	8		Weeks of gestation

PROC FREQ of age of mother

The FREQ Procedure

MAGE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
11	1	0.00	1	0.00
13	5	0.01	6	0.01
14	40	0.07	46	0.07
15	110	0.18	156	0.25
16	292	0.48	448	0.73
17	619	1.01	1067	1.74
18	1057	1.72	2124	3.46
19	1717	2.79	3841	6.25
20	2324	3.78	6165	10.03
21	2715	4.42	8880	14.45
22	2945	4.79	11825	19.24
23	3221	5.24	15046	24.49
24	3365	5.48	18411	29.96
25	3394	5.52	21805	35.49
26	3654	5.95	25459	41.43

MAGE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
27	3745	6.09	29204	47.53
28	3680	5.99	32884	53.52
29	3734	6.08	36618	59.59
30	3651	5.94	40269	65.53
31	3547	5.77	43816	71.31
32	3351	5.45	47167	76.76
33	2931	4.77	50098	81.53
34	2526	4.11	52624	85.64
35	2168	3.53	54792	89.17
36	1739	2.83	56531	92.00
37	1493	2.43	58024	94.43
38	1095	1.78	59119	96.21
39	807	1.31	59926	97.52
40	536	0.87	60462	98.40
41	391	0.64	60853	99.03
42	259	0.42	61112	99.45
43	150	0.24	61262	99.70
44	98	0.16	61360	99.86
45	54	0.09	61414	99.95
46	18	0.03	61432	99.98
47	10	0.02	61442	99.99
48	2	0.00	61444	100.00
49	2	0.00	61446	100.00
99	1	0.00	61447	100.00

PROC FREQ of age of mother (recoded)

The FREQ Procedure

mage_num	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	1	0.00	1	0.00
11	1	0.00	2	0.00
13	5	0.01	7	0.01
14	40	0.07	47	0.08
15	110	0.18	157	0.26
16	292	0.48	449	0.73
17	619	1.01	1068	1.74
18	1057	1.72	2125	3.46
19	1717	2.79	3842	6.25
20	2324	3.78	6166	10.03
21	2715	4.42	8881	14.45
22	2945	4.79	11826	19.25

mage_num	Frequency	Percent	Cumulative Frequency	Cumulative Percent
23	3221	5.24	15047	24.49
24	3365	5.48	18412	29.96
25	3394	5.52	21806	35.49
26	3654	5.95	25460	41.43
27	3745	6.09	29205	47.53
28	3680	5.99	32885	53.52
29	3734	6.08	36619	59.59
30	3651	5.94	40270	65.54
31	3547	5.77	43817	71.31
32	3351	5.45	47168	76.76
33	2931	4.77	50099	81.53
34	2526	4.11	52625	85.64
35	2168	3.53	54793	89.17
36	1739	2.83	56532	92.00
37	1493	2.43	58025	94.43
38	1095	1.78	59120	96.21
39	807	1.31	59927	97.53
40	536	0.87	60463	98.40
41	391	0.64	60854	99.03
42	259	0.42	61113	99.46
43	150	0.24	61263	99.70
44	98	0.16	61361	99.86
45	54	0.09	61415	99.95
46	18	0.03	61433	99.98
47	10	0.02	61443	99.99
48	2	0.00	61445	100.00
49	2	0.00	61447	100.00

PROC UNIVARIATE of age of mother

The UNIVARIATE Procedure
Variable: mage_num

Moments			
N	61446	Sum Weights	61446
Mean	28.052599	Sum Observations	1723720
Std Deviation	5.78136948	Variance	33.4242331
Skewness	0.18439452	Kurtosis	-0.5175526
Uncorrected SS	50408578	Corrected SS	2053752
Coeff Variation	20.6090333	Std Error Mean	0.02332297

Basic Statistical Measures	
Location	Variability

Basic Statistical Measures			
Location		Variability	
Mean	28.05260	Std Deviation	5.78137
Median	28.00000	Variance	33.42423
Mode	27.00000	Range	38.00000
		Interquartile Range	8.00000

Tests for Location: Mu0=0		
Test	Statistic	p Value

Student's t	t	1202.788	Pr > t	<.0001
Sign	M	30723	Pr >= M	<.0001
Signed Rank	S	9.4392E8	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	49
99%	41
95%	38
90%	36
75% Q3	32
50% Median	28
25% Q1	24
10%	20
5%	19
1%	17
0% Min	11

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
11	9942	47	52902
13	53641	48	12934
13	44780	48	37537
13	35194	49	31860
13	33172	49	45454

Missing Values			
Missing Value	Count	Percent Of	
		All Obs	Missing Obs

.	1	0.00	100.00
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PROC MEANS of age of mother**The MEANS Procedure**

Analysis Variable : mage_num							
N	N Miss	Mean	Std Dev	Range	Median	5th Pctl	95th Pctl
61446	1	28.0525990	5.7813695	38.0000000	28.0000000	19.0000000	38.0000000

PROC UNIVARIATE of age of mother by birth status**The UNIVARIATE Procedure**

Variable: mage_num

Birth Status=Term

Moments			
N	56314	Sum Weights	56314
Mean	28.0468445	Sum Observations	1579430
Std Deviation	5.75422616	Variance	33.1111186
Skewness	0.17918171	Kurtosis	-0.5144456
Uncorrected SS	46162614	Corrected SS	1864586.42
Coeff Variation	20.5164833	Std Error Mean	0.02424816

Basic Statistical Measures			
Location		Variability	
Mean	28.04684	Std Deviation	5.75423
Median	28.00000	Variance	33.11112
Mode	27.00000	Range	36.00000
		Interquartile Range	8.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	1156.659	Pr > t	<.0001
Sign	M	28157	Pr >= M	<.0001
Signed Rank	S	7.9283E8	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	49
99%	41
95%	38
90%	36
75% Q3	32
50% Median	28
25% Q1	24

Quantiles (Definition 5)	
Level	Quantile
10%	21
5%	19
1%	17
0% Min	13

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
13	48638	47	47925
13	40271	48	10958
13	31369	48	33537
13	29483	49	28300
13	964	49	40910

Missing Values			
Missing Value	Count	Percent Of	
		All Obs	Missing Obs
.	1	0.00	100.00

PROC UNIVARIATE of age of mother by birth status

The UNIVARIATE Procedure
Variable: mage_num

Birth Status=Preterm

Moments			
N	5132	Sum Weights	5132
Mean	28.1157443	Sum Observations	144290
Std Deviation	6.07147783	Variance	36.8628431
Skewness	0.22934927	Kurtosis	-0.5713196
Uncorrected SS	4245964	Corrected SS	189143.248
Coeff Variation	21.5945833	Std Error Mean	0.08475222

Basic Statistical Measures			
Location		Variability	
Mean	28.11574	Std Deviation	6.07148
Median	28.00000	Variance	36.86284
Mode	29.00000	Range	36.00000
		Interquartile Range	9.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	331.7405	Pr > t	<.0001

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Sign	M	2566	Pr >= M	<.0001
Signed Rank	S	6585639	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	47
99%	42
95%	38
90%	36
75% Q3	32
50% Median	28
25% Q1	23
10%	20
5%	19
1%	17
0% Min	11

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
11	58042	45	60534
14	61306	45	60738
14	60249	46	59938
14	57091	46	60127
14	56982	47	56426

PROC MEANS of age of mother by birth status

The MEANS Procedure

Birth Status=Term

Analysis Variable : mage_num							
N	N Miss	Mean	Std Dev	Range	Median	5th Pctl	95th Pctl
56314	1	28.0468445	5.7542262	36.0000000	28.0000000	19.0000000	38.0000000

Birth Status=Preterm

Analysis Variable : mage_num							
N	N Miss	Mean	Std Dev	Range	Median	5th Pctl	95th Pctl
5132	0	28.1157443	6.0714778	36.0000000	28.0000000	19.0000000	38.0000000

Distribution of Maternal Age for North Carolina Births

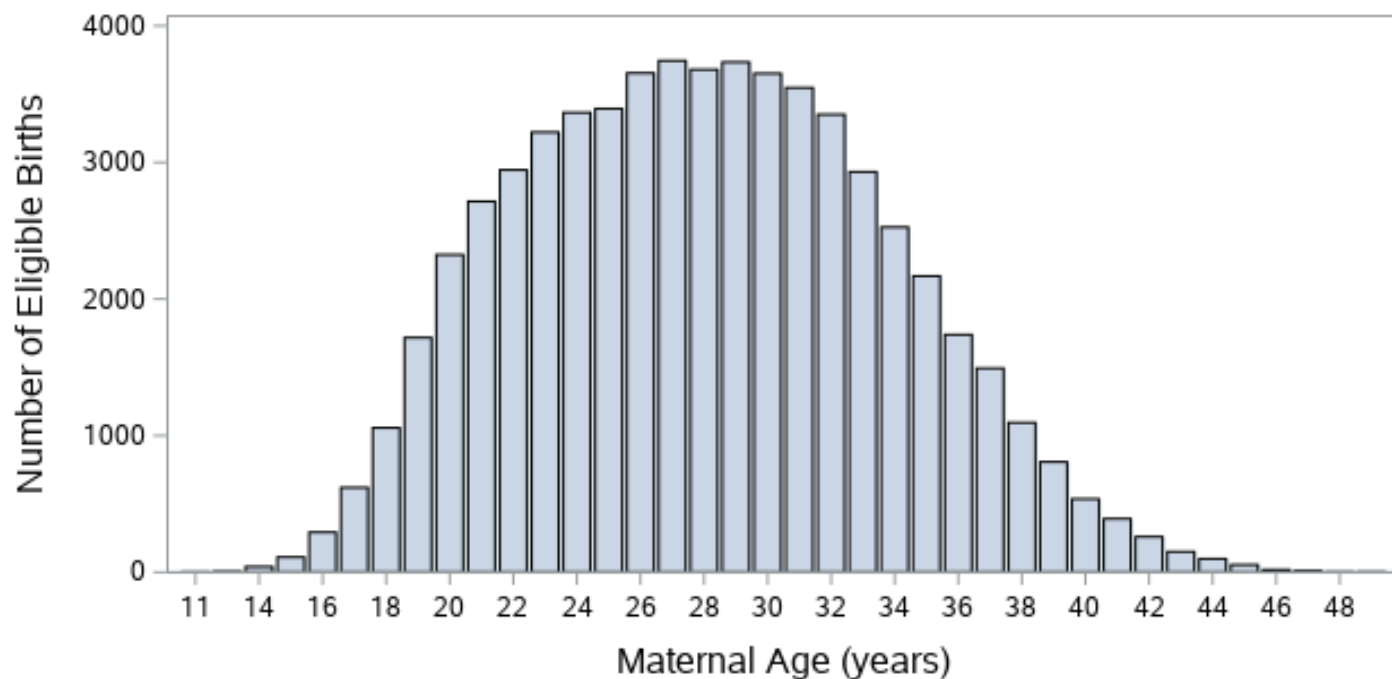


Figure 2. Maternal age was measured from a cohort study population of 61,446 North Carolina live births in 2015. All data were derived from North Carolina Live Birth Certificate data for 2015. The study population included live singleton births without congenital malformations that experienced the entire risk period for preterm birth (the 17-week interval beginning with the 21st week of gestation and ending upon completion of the 37th week of gestation) during 2015. Births with unknown gestational age were excluded. Maternal age in the total population has a minimum of 11 years, maximum of 49 years, median and mean of 28 years, and standard deviation of 5.8 years.

The MEANS Procedure

Analysis Variable : mage_num	
	Mean
	44.750000

The MEANS Procedure

Analysis Variable : mage_num	
	Mean
	13.8260870

The FREQ Procedure

mage_num	Frequency	Percent	Cumulative Frequency	Cumulative Percent
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Frequency Missing = 1

mage_num	Frequency	Percent	Cumulative Frequency	Cumulative Percent
11	1	0.00	1	0.00
13	5	0.01	6	0.01
14	40	0.07	46	0.07
15	110	0.18	156	0.25
16	292	0.48	448	0.73
17	619	1.01	1067	1.74
18	1057	1.72	2124	3.46
19	1717	2.79	3841	6.25
20	2324	3.78	6165	10.03
21	2715	4.42	8880	14.45
22	2945	4.79	11825	19.24
23	3221	5.24	15046	24.49
24	3365	5.48	18411	29.96
25	3394	5.52	21805	35.49
26	3654	5.95	25459	41.43
27	3745	6.09	29204	47.53
28	3680	5.99	32884	53.52
29	3734	6.08	36618	59.59
30	3651	5.94	40269	65.54
31	3547	5.77	43816	71.31
32	3351	5.45	47167	76.76
33	2931	4.77	50098	81.53
34	2526	4.11	52624	85.64
35	2168	3.53	54792	89.17
36	1739	2.83	56531	92.00
37	1493	2.43	58024	94.43
38	1095	1.78	59119	96.21
39	807	1.31	59926	97.53
40	536	0.87	60462	98.40
41	391	0.64	60853	99.03
42	259	0.42	61112	99.46
43	150	0.24	61262	99.70
44	98	0.16	61360	99.86
45	54	0.09	61414	99.95
46	18	0.03	61432	99.98
47	10	0.02	61442	99.99
48	2	0.00	61444	100.00
49	2	0.00	61446	100.00
Frequency Missing = 1				

Maternal age, By Condensed maternal age

The FREQ Procedure

mage_num	mage2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	.	1	.	.	.
11	13.8261	1	0.00	1	0.00
13	13.8261	5	0.01	6	0.01
14	13.8261	40	0.07	46	0.07
15	15	110	0.18	156	0.25
16	16	292	0.48	448	0.73
17	17	619	1.01	1067	1.74
18	18	1057	1.72	2124	3.46
19	19	1717	2.79	3841	6.25
20	20	2324	3.78	6165	10.03
21	21	2715	4.42	8880	14.45
22	22	2945	4.79	11825	19.24
23	23	3221	5.24	15046	24.49
24	24	3365	5.48	18411	29.96
25	25	3394	5.52	21805	35.49
26	26	3654	5.95	25459	41.43
27	27	3745	6.09	29204	47.53
28	28	3680	5.99	32884	53.52
29	29	3734	6.08	36618	59.59
30	30	3651	5.94	40269	65.54
31	31	3547	5.77	43816	71.31
32	32	3351	5.45	47167	76.76
33	33	2931	4.77	50098	81.53
34	34	2526	4.11	52624	85.64
35	35	2168	3.53	54792	89.17
36	36	1739	2.83	56531	92.00
37	37	1493	2.43	58024	94.43
38	38	1095	1.78	59119	96.21
39	39	807	1.31	59926	97.53
40	40	536	0.87	60462	98.40
41	41	391	0.64	60853	99.03
42	42	259	0.42	61112	99.46
43	43	150	0.24	61262	99.70
44	44.75	98	0.16	61360	99.86
45	44.75	54	0.09	61414	99.95
46	44.75	18	0.03	61432	99.98
47	44.75	10	0.02	61442	99.99
48	44.75	2	0.00	61444	100.00
49	44.75	2	0.00	61446	100.00
Frequency Missing = 1					

PROC UNIVARIATE of maternal age (condensed)**The UNIVARIATE Procedure****Variable: mage2 (Condensed maternal age (age 44 or older in a single category; age 14 or younger in a single category))**

Moments			
N	61446	Sum Weights	61446
Mean	28.052599	Sum Observations	1723720
Std Deviation	5.78107794	Variance	33.4208621
Skewness	0.18362133	Kurtosis	-0.5223775
Uncorrected SS	50408370.9	Corrected SS	2053544.87
Coeff Variation	20.607994	Std Error Mean	0.0233218

Basic Statistical Measures			
Location		Variability	
Mean	28.05260	Std Deviation	5.78108
Median	28.00000	Variance	33.42086
Mode	27.00000	Range	30.92390
		Interquartile Range	8.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	1202.849	Pr > t 	<.0001
Sign	M	30723	Pr >= M 	<.0001
Signed Rank	S	9.4392E8	Pr >= S 	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	44.7500
99%	41.0000
95%	38.0000
90%	36.0000
75% Q3	32.0000
50% Median	28.0000
25% Q1	24.0000
10%	20.0000
5%	19.0000
1%	17.0000
0% Min	13.8261

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
13.8261	60338	44.75	61245
13.8261	59528	44.75	61326
13.8261	55167	44.75	61342
13.8261	55124	44.75	61440

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
13.8261	54607	44.75	61447

Missing Values			
Missing Value	Count	Percent Of	
		All Obs	Missing Obs
.	1	0.00	100.00

PROC MEANS of maternal age (condensed)

The MEANS Procedure

Analysis Variable : mage2 Condensed maternal age (age 44 or older in a single category; age 14 or younger in a single category)							
N	N Miss	Mean	Std Dev	Range	Median	5th Pctl	95th Pctl
61446	1	28.0525990	5.7810779	30.9239000	28.0000000	19.0000000	38.0000000

PROC UNIVARIATE of age of mother

The UNIVARIATE Procedure
Variable: mage_num

Moments			
N	61446	Sum Weights	61446
Mean	28.052599	Sum Observations	1723720
Std Deviation	5.78136948	Variance	33.4242331
Skewness	0.18439452	Kurtosis	-0.5175526
Uncorrected SS	50408578	Corrected SS	2053752
Coeff Variation	20.6090333	Std Error Mean	0.02332297

Basic Statistical Measures			
Location		Variability	
Mean	28.05260	Std Deviation	5.78137
Median	28.00000	Variance	33.42423
Mode	27.00000	Range	38.00000
		Interquartile Range	8.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	1202.788	Pr > t	<.0001
Sign	M	30723	Pr >= M	<.0001
Signed Rank	S	9.4392E8	Pr >= S	<.0001

Quantiles (Definition 5)

Quantiles (Definition)	
Quantile	Definition
100% Max	Quantile
99%	41
95%	38
90%	36
75% Q3	32
50% Median	28
25% Q1	24
10%	20
5%	19
1%	17
0% Min	11

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
11	9942	47	52902
13	53641	48	12934
13	44780	48	37537
13	35194	49	31860
13	33172	49	45454

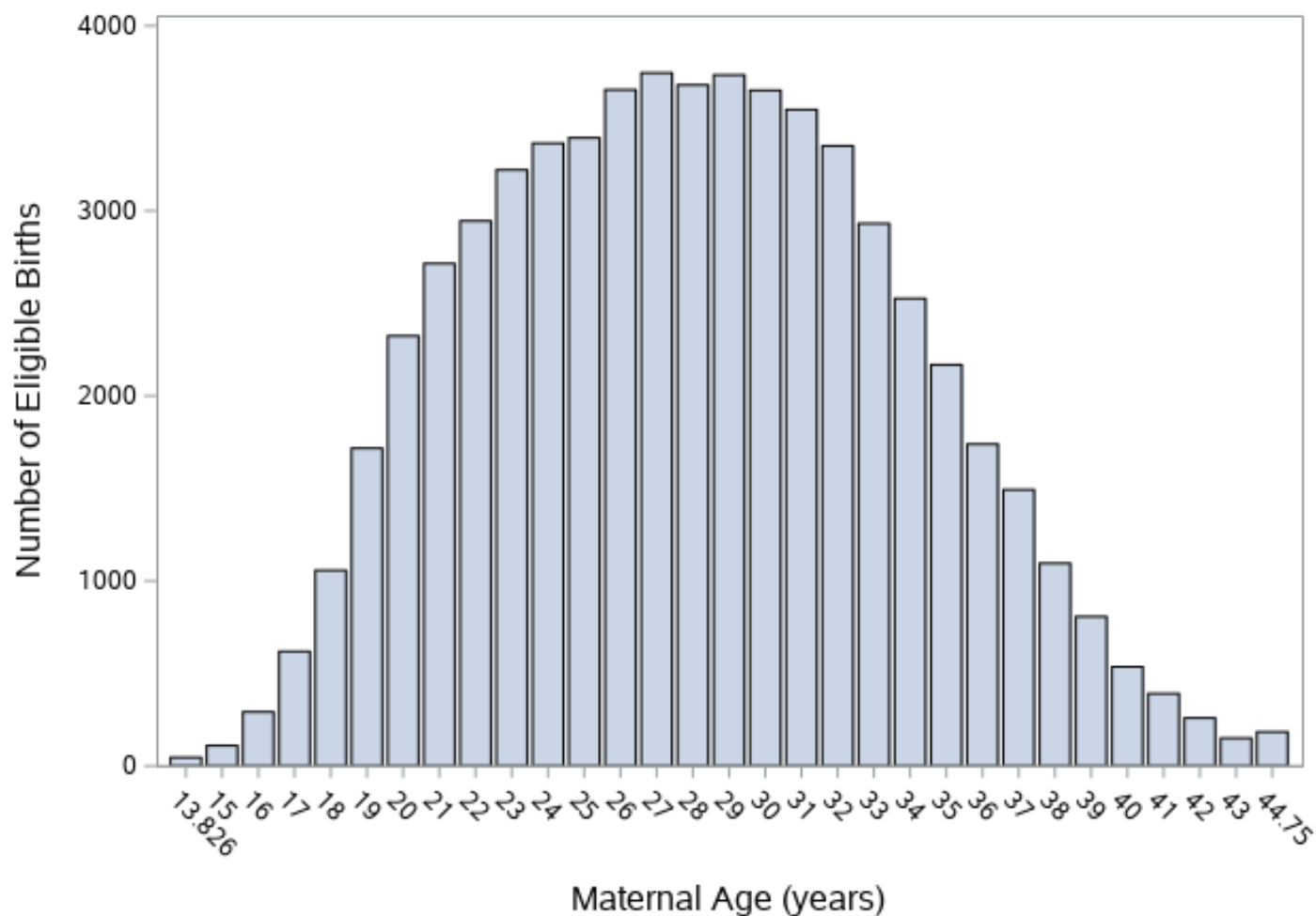
Missing Values			
Missing Value	Count	Percent Of	
		All Obs	Missing Obs
.	1	0.00	100.00

PROC MEANS of age of mother

The MEANS Procedure

Analysis Variable : mage_num							
N	N Miss	Mean	Std Dev	Range	Median	5th Pctl	95th Pctl
61446	1	28.0525990	5.7813695	38.0000000	28.0000000	19.0000000	38.0000000

Distribution of Condensed Maternal Age for NC Births



The FREQ Procedure

race	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	36171	58.87	36171	58.87
2	14710	23.94	50881	82.80
3	866	1.41	51747	84.21
4	9700	15.79	61447	100.00

The CONTENTS Procedure

Data Set Name	WORK.BIRTHS8	Observations	61447
Member Type	DATA	Variables	15
Engine	V9	Indexes	0
Created	12/16/2021 15:32:05	Observation Length	192
Last Modified	12/16/2021 15:32:05	Deleted Observations	0
Protection		Compressed	NO
Data Set Type		Sorted	NO

Label			
Data Representation	SOLARIS_X86_64, LINUX_X86_64, ALPHA_TRU64, LINUX_IA64		
Encoding	utf-8 Unicode (UTF-8)		

Engine/Host Dependent Information	
Data Set Page Size	131072
Number of Data Set Pages	91
First Data Page	1
Max Obs per Page	682
Obs in First Data Page	661
Number of Data Set Repairs	0
Filename	/saswork/SAS_work2DB60001A874_odaws01-usw2.oda.sas.com/SAS_workFAB60001A874_odaws01-usw2.oda.sas.com/births8.sas7bdat
Release Created	9.0401M6
Host Created	Linux
Inode Number	536905112
Access Permission	rw-r--r--
Owner Name	u59075382
File Size	12MB
File Size (bytes)	12058624

Alphabetic List of Variables and Attributes					
#	Variable	Type	Len	Format	Label
8	MAGE	Char	20		
7	SEX	Char	20		
6	cigdur	Char	20		
5	hispmom	Char	20		
1	idnum	Num	8		
15	mage2	Num	8		Condensed maternal age (age 44 or older in a single category; age 14 or younger in a single category)
14	mage_num	Num	8		
13	pnc5	Num	8	PNC5F.	Prenatal Care in First 5 Months of Gestation
3	prenatal	Char	20		
12	prenatal_num	Num	8		Month in which prenatal care began (recoded)
11	preterm	Num	8	PRETERMF.	Birth Status
10	pwk	Num	8		Person-weeks at risk of pre-term birth
4	race	Char	20		
9	weeknum	Num	8		2015 calendar week of birth
2	weeks	Num	8		Weeks of gestation

The FREQ Procedure

Race of mother/child (numeric)

Race of mother/child (numeric)	Cumulative Frequency	Cumulative Percent
race_num	Frequency	Percent
White	Frequency	Percent
African American	14710	23.94
American Indian or Alaska Native	866	1.41
Other	9700	15.79

The UNIVARIATE Procedure
Variable: race_num (Race of mother/child (numeric))

Moments			
N	61447	Sum Weights	61447
Mean	1.74115905	Sum Observations	106989
Std Deviation	1.08037304	Variance	1.16720591
Skewness	1.27839969	Kurtosis	0.17396851
Uncorrected SS	258005	Corrected SS	71720.1347
Coeff Variation	62.0490728	Std Error Mean	0.00435836

Basic Statistical Measures			
Location		Variability	
Mean	1.741159	Std Deviation	1.08037
Median	1.000000	Variance	1.16721
Mode	1.000000	Range	3.00000
		Interquartile Range	1.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	399.4984	Pr > t	<.0001
Sign	M	30723.5	Pr >= M	<.0001
Signed Rank	S	9.4395E8	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	4
99%	4
95%	4
90%	4
75% Q3	2
50% Median	1
25% Q1	1
10%	1
5%	1
1%	1
0% Min	1

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
1	61447	4	61369
1	61446	4	61370
1	61445	4	61427
1	61444	4	61435
1	61441	4	61442

Descriptive statistics for race

The MEANS Procedure

Analysis Variable : race_num Race of mother/child (numeric)							
N	N Miss	Mean	Std Dev	Range	Median	5th Pctl	95th Pctl
61447	0	1.7411590	1.0803730	3.0000000	1.0000000	1.0000000	4.0000000

PROC FREQ of race

The FREQ Procedure

Race of mother/child (numeric)				
race_num	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	36171	58.87	36171	58.87
2	14710	23.94	50881	82.80
3	866	1.41	51747	84.21
4	9700	15.79	61447	100.00

PROC FREQ of race by birth status

The FREQ Procedure

Birth Status=Term

Race of mother/child (numeric)				
race_num	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	33618	59.70	33618	59.70
2	12948	22.99	46566	82.69
3	780	1.39	47346	84.07
4	8969	15.93	56315	100.00

PROC FREQ of race by birth status

The FREQ Procedure

Birth Status=Preterm

Race of mother/child (numeric)				
race_num	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	2553	49.75	2553	49.75
2	1762	34.33	4315	84.08
3	86	1.68	4401	85.76
4	731	14.24	5132	100.00

PROC FREQ of recoded race of mother/child and race

The FREQ Procedure

race_num	race2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	White (referent)	36171	58.87	36171	58.87
2	African American	14710	23.94	50881	82.80
3	Other	866	1.41	51747	84.21
4	Other	9700	15.79	61447	100.00

PROC FREQ of recoded race of mother/child

The FREQ Procedure

Race of mother/child recoded to compare white, african american, and other				
race2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
White (referent)	36171	58.87	36171	58.87
African American	14710	23.94	50881	82.80
Other	10566	17.20	61447	100.00

PROC FREQ of recoded race

The FREQ Procedure

Race of mother/child recoded to compare white, african american, and other				
race2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
White (referent)	36171	58.87	36171	58.87
African American	14710	23.94	50881	82.80
Other	10566	17.20	61447	100.00

PROC FREQ of recoded race by birth status

The FREQ Procedure

Birth Status=Term

Race of mother/child recoded to compare white, african american, and other				
race2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
White (referent)	33618	59.70	33618	59.70
African American	12948	22.99	46566	82.69
Other	9749	17.31	56315	100.00

PROC FREQ of recoded race by birth status

The FREQ Procedure

Birth Status=Preterm

Race of mother/child recoded to compare white, african american, and other				
race2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
White (referent)	2553	49.75	2553	49.75
African American	1762	34.33	4315	84.08
Other	817	15.92	5132	100.00

The CONTENTS Procedure

Data Set Name	WORK.BIRTHS9	Observations	61447
Member Type	DATA	Variables	17
Engine	V9	Indexes	0
Created	12/16/2021 15:32:06	Observation Length	208
Last Modified	12/16/2021 15:32:06	Deleted Observations	0
Protection		Compressed	NO
Data Set Type		Sorted	NO
Label			
Data Representation	SOLARIS_X86_64, LINUX_X86_64, ALPHA_TRU64, LINUX_IA64		
Encoding	utf-8 Unicode (UTF-8)		

Engine/Host Dependent Information

Data Set Page Size	131072
Number of Data Set Pages	98
First Data Page	1
Max Obs per Page	629

Engine/Host Dependent Information	
Obs in First Data Page	609
Number of Data Set Repairs	0
Filename	/saswork/SAS_work2DB60001A874_odaws01-usw2.oda.sas.com/SAS_workFAB60001A874_odaws01-usw2.oda.sas.com/births9.sas7bdat
Release Created	9.0401M6
Host Created	Linux
Inode Number	536916596
Access Permission	rw-r--r--
Owner Name	u59075382
File Size	12MB
File Size (bytes)	12976128

Alphabetic List of Variables and Attributes					
#	Variable	Type	Len	Format	Label
8	MAGE	Char	20		
7	SEX	Char	20		
6	cigdur	Char	20		
5	hispmom	Char	20		
1	idnum	Num	8		
15	mage2	Num	8		Condensed maternal age (age 44 or older in a single category; age 14 or younger in a single category)
14	mage_num	Num	8		
13	pnc5	Num	8	PNC5F.	Prenatal Care in First 5 Months of Gestation
3	prenatal	Char	20		
12	prenatal_num	Num	8		Month in which prenatal care began (recoded)
11	preterm	Num	8	PRETERMF.	Birth Status
10	pwk	Num	8		Person-weeks at risk of pre-term birth
4	race	Char	20		
17	race2	Num	8	RACE2F.	Race of mother/child recoded to compare white, african american, and other
16	race_num	Num	8		Race of mother/child (numeric)
9	weeknum	Num	8		2015 calendar week of birth
2	weeks	Num	8		Weeks of gestation

PROC FREQ of Hispanic origin of mother

The FREQ Procedure

hispmom	Frequency	Percent	Cumulative Frequency	Cumulative Percent
N	52021	84.66	52021	84.66
U	30	0.05	52051	84.71
Y	9396	15.29	61447	100.00

PROC FREQ of recoded hispanic origin and original

The FREQ Procedure

hispmom	mhisp	Frequency	Percent	Cumulative Frequency	Cumulative Percent
N	non-Hispanic (referent)	52021	84.70	52021	84.70
U	Missing	30	.	.	.
Y	Hispanic	9396	15.30	61417	100.00
Frequency Missing = 30					

PROC FREQ of recoded Hispanic origin of mother

The FREQ Procedure

Hispanic origin of mother recoded to compare Hispanic or non-Hispanic					
	mhisp	Frequency	Percent	Cumulative Frequency	Cumulative Percent
	Missing	30	.	.	.
	non-Hispanic (referent)	52021	84.70	52021	84.70
	Hispanic	9396	15.30	61417	100.00
Frequency Missing = 30					

PROC FREQ of recoded Hispanic origin of mother by birth status

The FREQ Procedure

Birth Status=Term

Hispanic origin of mother recoded to compare Hispanic or non-Hispanic					
	mhisp	Frequency	Percent	Cumulative Frequency	Cumulative Percent
	Missing	28	.	.	.
	non-Hispanic (referent)	47580	84.53	47580	84.53
	Hispanic	8707	15.47	56287	100.00
Frequency Missing = 28					

PROC FREQ of recoded Hispanic origin of mother by birth status

The FREQ Procedure

Birth Status=Preterm

Hispanic origin of mother recoded to compare Hispanic or non-Hispanic					
	mhisp	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Frequency Missing = 2					

Hispanic origin of mother recoded to compare Hispanic or non-Hispanic				
mhisp	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing	2	.	.	.
non-Hispanic (referent)	4441	86.57	4441	86.57
Hispanic	689	13.43	5130	100.00
Frequency Missing = 2				

PROC FREQ of race, ethnicity, and race/ethnicity

The FREQ Procedure

mhisp	race2	raceth	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing	White (referent)	Missing	13	.	.	.
Missing	African American	Missing	8	.	.	.
Missing	Other	Missing	9	.	.	.
non-Hispanic (referent)	White (referent)	White/non-Hispanic (referent)	34098	55.52	34098	55.52
non-Hispanic (referent)	African American	African American/non-Hispanic	14393	23.43	48491	78.95
non-Hispanic (referent)	Other	Other/non-Hispanic	3530	5.75	52021	84.70
Hispanic	White (referent)	White/Hispanic	2060	3.35	54081	88.06
Hispanic	African American	African American/Hispanic	309	0.50	54390	88.56
Hispanic	Other	Other/Hispanic	7027	11.44	61417	100.00
Frequency Missing = 30						

PROC FREQ of mother's race and ethnicity

The FREQ Procedure

Mothers race and ethnicity				
raceth	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing	30	.	.	.
White/non-Hispanic (referent)	34098	55.52	34098	55.52
White/Hispanic	2060	3.35	36158	58.87
African American/non-Hispanic	14393	23.43	50551	82.31
African American/Hispanic	309	0.50	50860	82.81
Other/non-Hispanic	3530	5.75	54390	88.56
Other/Hispanic	7027	11.44	61417	100.00
Frequency Missing = 30				

PROC FREQ of mother's race and ethnicity by birth status

The FREQ Procedure

Birth Status=Term

Mothers race and ethnicity				
raceth	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing	28	.	.	.
White/non-Hispanic (referent)	31660	56.25	31660	56.25
White/Hispanic	1946	3.46	33606	59.70
African American/non-Hispanic	12658	22.49	46264	82.19
African American/Hispanic	282	0.50	46546	82.69
Other/non-Hispanic	3262	5.80	49808	88.49
Other/Hispanic	6479	11.51	56287	100.00
Frequency Missing = 28				

PROC FREQ of mother's race and ethnicity by birth status

The FREQ Procedure

Birth Status=Preterm

Mothers race and ethnicity				
raceth	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing	2	.	.	.
White/non-Hispanic (referent)	2438	47.52	2438	47.52
White/Hispanic	114	2.22	2552	49.75
African American/non-Hispanic	1735	33.82	4287	83.57
African American/Hispanic	27	0.53	4314	84.09
Other/non-Hispanic	268	5.22	4582	89.32
Other/Hispanic	548	10.68	5130	100.00
Frequency Missing = 2				

PROC FREQ of race, ethnicity, and recoded race/ethnicity

The FREQ Procedure

mhis	race2	raceth2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing	White (referent)	Missing	13	.	.	.
Missing	African American	African American	8	.	.	.
Missing	Other	Other	9	.	.	.

Frequency Missing = 30

mhisp	race2	raceth2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
non-Hispanic (referent)	White (referent)	White/non-Hispanic (referent)	34098	55.52	34098	55.52
non-Hispanic (referent)	African American	African American	14393	23.43	48491	78.95
non-Hispanic (referent)	Other	Other	3530	5.75	52021	84.70
Hispanic	White (referent)	White/Hispanic	2060	3.35	54081	88.06
Hispanic	African American	African American	309	0.50	54390	88.56
Hispanic	Other	Other	7027	11.44	61417	100.00
Frequency Missing = 30						

PROC FREQ of mother's race and ethnicity (recoded)

The FREQ Procedure

Mothers race and ethnicity (recoded)				
raceth2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing	13	.	.	.
White/non-Hispanic (referent)	34098	55.50	34098	55.50
White/Hispanic	2060	3.35	36158	58.86
African American	14710	23.94	50868	82.80
Other	10566	17.20	61434	100.00
Frequency Missing = 13				

The CONTENTS Procedure

Data Set Name	WORK.BIRTHS12	Observations	61447
Member Type	DATA	Variables	20
Engine	V9	Indexes	0
Created	12/16/2021 15:32:06	Observation Length	232
Last Modified	12/16/2021 15:32:06	Deleted Observations	0
Protection		Compressed	NO
Data Set Type		Sorted	NO
Label			
Data Representation	SOLARIS_X86_64, LINUX_X86_64, ALPHA_TRU64, LINUX_IA64		
Encoding	utf-8 Unicode (UTF-8)		

Engine/Host Dependent Information	
Data Set Page Size	131072
Number of Data Set Pages	109
First Data Page	1
Max Obs per Page	564
Obs in First Data Page	543

Engine/Host Dependent Information	
Number of Data Set Repairs	0
Filename	/saswork/SAS_work2DB60001A874_odaws01-usw2.oda.sas.com/SAS_workFAB60001A874_odaws01-usw2.oda.sas.com/births12.sas7bdat
Release Created	9.0401M6
Host Created	Linux
Inode Number	536919688
Access Permission	rw-r--r--
Owner Name	u59075382
File Size	14MB
File Size (bytes)	14417920

Alphabetic List of Variables and Attributes					
#	Variable	Type	Len	Format	Label
8	MAGE	Char	20		
7	SEX	Char	20		
6	cigdur	Char	20		
5	hispmom	Char	20		
1	idnum	Num	8		
15	mage2	Num	8		Condensed maternal age (age 44 or older in a single category; age 14 or younger in a single category)
14	mage_num	Num	8		
18	mhispc	Num	8	MHISPF.	Hispanic origin of mother recoded to compare Hispanic or non-Hispanic
13	pnc5	Num	8	PNC5F.	Prenatal Care in First 5 Months of Gestation
3	prenatal	Char	20		
12	prenatal_num	Num	8		Month in which prenatal care began (recoded)
11	preterm	Num	8	PRETERMF.	Birth Status
10	pwk	Num	8		Person-weeks at risk of pre-term birth
4	race	Char	20		
17	race2	Num	8	RACE2F.	Race of mother/child recoded to compare white, african american, and other
16	race_num	Num	8		Race of mother/child (numeric)
19	raceth	Num	8	RACETHF.	Mothers race and ethnicity
20	raceth2	Num	8	RACETH2F.	Mothers race and ethnicity (recoded)
9	weeknum	Num	8		2015 calendar week of birth
2	weeks	Num	8		Weeks of gestation

The FREQ Procedure

cigdur	Frequency	Percent	Cumulative Frequency	Cumulative Percent
N	55713	90.67	55713	90.67
U	22	0.04	55735	90.70
Y	5712	9.30	61447	100.00

PROC FREQ of cigdur and smoker

The FREQ Procedure

cigdur	smoker	Frequency	Percent	Cumulative Frequency	Cumulative Percent
N	Non-smoker	55713	90.70	55713	90.70
U	Missing	22	.	.	.
Y	Smoker	5712	9.30	61425	100.00
Frequency Missing = 22					

PROC FREQ of maternal smoking during pregnancy

The FREQ Procedure

Maternal smoking during pregnancy				
smoker	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing	22	.	.	.
Non-smoker	55713	90.70	55713	90.70
Smoker	5712	9.30	61425	100.00
Frequency Missing = 22				

PROC FREQ of maternal smoking during pregnancy by birth status

The FREQ Procedure

Birth Status=Term

Maternal smoking during pregnancy				
smoker	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing	16	.	.	.
Non-smoker	51265	91.06	51265	91.06
Smoker	5034	8.94	56299	100.00
Frequency Missing = 16				

PROC FREQ of maternal smoking during pregnancy by birth status

The FREQ Procedure

Birth Status=Preterm

Maternal smoking during pregnancy				
smoker	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Frequency Missing = 6				

Maternal smoking during pregnancy				
smoker	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing	6	.	.	.
Non-smoker	4448	86.77	4448	86.77
Smoker	678	13.23	5126	100.00
Frequency Missing = 6				

The CONTENTS Procedure

Data Set Name	WORK.BIRTHS13	Observations	61447
Member Type	DATA	Variables	21
Engine	V9	Indexes	0
Created	12/16/2021 15:32:06	Observation Length	240
Last Modified	12/16/2021 15:32:06	Deleted Observations	0
Protection		Compressed	NO
Data Set Type		Sorted	NO
Label			
Data Representation	SOLARIS_X86_64, LINUX_X86_64, ALPHA_TRU64, LINUX_IA64		
Encoding	utf-8 Unicode (UTF-8)		

Engine/Host Dependent Information	
Data Set Page Size	131072
Number of Data Set Pages	113
First Data Page	1
Max Obs per Page	545
Obs in First Data Page	524
Number of Data Set Repairs	0
Filename	/saswork/SAS_work2DB60001A874_odaws01-usw2.oda.sas.com/SAS_workFAB60001A874_odaws01-usw2.oda.sas.com/births13.sas7bdat
Release Created	9.0401M6
Host Created	Linux
Inode Number	536919690
Access Permission	rw-r--r--
Owner Name	u59075382
File Size	14MB
File Size (bytes)	14942208

Alphabetic List of Variables and Attributes					
#	Variable	Type	Len	Format	Label
8	MAGE	Char	20		
7	SEX	Char	20		

Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Format	Label
6	cigdur	Char	20		
5	hispmom	Char	20		
1	idnum	Num	8		
15	mage2	Num	8		Condensed maternal age (age 44 or older in a single category; age 14 or younger in a single category)
14	mage_num	Num	8		
18	mhispp	Num	8	MHISPF.	Hispanic origin of mother recoded to compare Hispanic or non-Hispanic
13	pnc5	Num	8	PNC5F.	Prenatal Care in First 5 Months of Gestation
3	prenatal	Char	20		
12	prenatal_num	Num	8		Month in which prenatal care began (recoded)
11	preterm	Num	8	PRETERMF.	Birth Status
10	pwk	Num	8		Person-weeks at risk of pre-term birth
4	race	Char	20		
17	race2	Num	8	RACE2F.	Race of mother/child recoded to compare white, african american, and other
16	race_num	Num	8		Race of mother/child (numeric)
19	raceth	Num	8	RACETHF.	Mothers race and ethnicity
20	raceth2	Num	8	RACETH2F.	Mothers race and ethnicity (recoded)
21	smoker	Num	8	SMOKERF.	Maternal smoking during pregnancy
9	weeknum	Num	8		2015 calendar week of birth
2	weeks	Num	8		Weeks of gestation

The FREQ Procedure

SEX	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	31384	51.07	31384	51.07
2	30063	48.93	61447	100.00

PROC FREQ of SEX and sex (recoded)**The FREQ Procedure**

SEX	sex_num	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	Male	31384	51.07	31384	51.07
2	Female	30063	48.93	61447	100.00

PROC FREQ of sex of child**The FREQ Procedure**

Sex of child

		Sex of child	Cumulative	Cumulative
sex_num	Frequency	Percent	Frequency	Percent
sex_Male	31384	51.07	31384	51.07
sex_Female	30063	48.93	61447	100.00

PROC FREQ of sex of child by birth status

The FREQ Procedure

Birth Status=Term

Sex of child				
sex_num	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Male	28650	50.87	28650	50.87
Female	27665	49.13	56315	100.00

PROC FREQ of sex of child by birth status

The FREQ Procedure

Birth Status=Preterm

Sex of child				
sex_num	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Male	2734	53.27	2734	53.27
Female	2398	46.73	5132	100.00

The CONTENTS Procedure

Data Set Name	WORK.BIRTHS14	Observations	61447
Member Type	DATA	Variables	22
Engine	V9	Indexes	0
Created	12/16/2021 15:32:07	Observation Length	248
Last Modified	12/16/2021 15:32:07	Deleted Observations	0
Protection		Compressed	NO
Data Set Type		Sorted	NO
Label			
Data Representation	SOLARIS_X86_64, LINUX_X86_64, ALPHA_TRU64, LINUX_IA64		
Encoding	utf-8 Unicode (UTF-8)		

Engine/Host Dependent Information

Data Set Page Size	131072
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Engine/Host Dependent Information	
Number of Data Set Pages	117
First Data Page	1
Max Obs per Page	528
Obs in First Data Page	507
Number of Data Set Repairs	0
Filename	/saswork/SAS_work2DB60001A874_odaws01-usw2.oda.sas.com/SAS_workFAB60001A874_odaws01-usw2.oda.sas.com/births14.sas7bdat
Release Created	9.0401M6
Host Created	Linux
Inode Number	536919697
Access Permission	rw-r--r--
Owner Name	u59075382
File Size	15MB
File Size (bytes)	15466496

Alphabetic List of Variables and Attributes					
#	Variable	Type	Len	Format	Label
8	MAGE	Char	20		
7	SEX	Char	20		
6	cigdur	Char	20		
5	hispmom	Char	20		
1	idnum	Num	8		
15	mage2	Num	8		Condensed maternal age (age 44 or older in a single category; age 14 or younger in a single category)
14	mage_num	Num	8		
18	mhispp	Num	8	MHISPF.	Hispanic origin of mother recoded to compare Hispanic or non-Hispanic
13	pnc5	Num	8	PNC5F.	Prenatal Care in First 5 Months of Gestation
3	prenatal	Char	20		
12	prenatal_num	Num	8		Month in which prenatal care began (recoded)
11	preterm	Num	8	PRETERMF.	Birth Status
10	pwk	Num	8		Person-weeks at risk of pre-term birth
4	race	Char	20		
17	race2	Num	8	RACE2F.	Race of mother/child recoded to compare white, african american, and other
16	race_num	Num	8		Race of mother/child (numeric)
19	raceth	Num	8	RACETHF.	Mothers race and ethnicity
20	raceth2	Num	8	RACETH2F.	Mothers race and ethnicity (recoded)
22	sex_num	Num	8	SEX_NUMF.	Sex of child
21	smoker	Num	8	SMOKERF.	Maternal smoking during pregnancy
9	weeknum	Num	8		2015 calendar week of birth
2	weeks	Num	8		Weeks of gestation

PROC FREQ of any missing numeric value for pnc5, race_num, mhis, mage_num, smoker, and sex_num

The FREQ Procedure

Any missing numeric value for pnc5, race_num, mhis, mage_num, smoker, and sex_num				
anymissnum	Frequency	Percent	Cumulative Frequency	Cumulative Percent
No	60795	98.94	60795	98.94
Yes	652	1.06	61447	100.00

PROC FREQ of prenatal care, race, Hispanic ethnicity, maternal age, smoking during pregnancy, and child's sex

The FREQ Procedure

Prenatal Care in First 5 Months of Gestation				
pnc5	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing	606	.	.	.
No	7012	11.53	7012	11.53
Yes	53829	88.47	60841	100.00
Frequency Missing = 606				

Race of mother/child (numeric)				
race_num	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	36171	58.87	36171	58.87
2	14710	23.94	50881	82.80
3	866	1.41	51747	84.21
4	9700	15.79	61447	100.00

Hispanic origin of mother recoded to compare Hispanic or non-Hispanic				
mhis	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing	30	.	.	.
non-Hispanic (referent)	52021	84.70	52021	84.70
Hispanic	9396	15.30	61417	100.00
Frequency Missing = 30				

mage_num	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	1	.	.	.
11	1	0.00	1	0.00
13	5	0.01	6	0.01

Frequency Missing = 1

mage_num	Frequency	Percent	Cumulative Frequency	Cumulative Percent
14	40	0.07	46	0.07
15	110	0.18	156	0.25
16	292	0.48	448	0.73
17	619	1.01	1067	1.74
18	1057	1.72	2124	3.46
19	1717	2.79	3841	6.25
20	2324	3.78	6165	10.03
21	2715	4.42	8880	14.45
22	2945	4.79	11825	19.24
23	3221	5.24	15046	24.49
24	3365	5.48	18411	29.96
25	3394	5.52	21805	35.49
26	3654	5.95	25459	41.43
27	3745	6.09	29204	47.53
28	3680	5.99	32884	53.52
29	3734	6.08	36618	59.59
30	3651	5.94	40269	65.54
31	3547	5.77	43816	71.31
32	3351	5.45	47167	76.76
33	2931	4.77	50098	81.53
34	2526	4.11	52624	85.64
35	2168	3.53	54792	89.17
36	1739	2.83	56531	92.00
37	1493	2.43	58024	94.43
38	1095	1.78	59119	96.21
39	807	1.31	59926	97.53
40	536	0.87	60462	98.40
41	391	0.64	60853	99.03
42	259	0.42	61112	99.46
43	150	0.24	61262	99.70
44	98	0.16	61360	99.86
45	54	0.09	61414	99.95
46	18	0.03	61432	99.98
47	10	0.02	61442	99.99
48	2	0.00	61444	100.00
49	2	0.00	61446	100.00
Frequency Missing = 1				

Maternal smoking during pregnancy				
smoker	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing	22	.	.	.

Frequency Missing = 22				
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Maternal smoking during pregnancy				
smoker	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Non-smoker	55713	90.70	55713	90.70
Smoker	5712	9.30	61425	100.00
Frequency Missing = 22				

Sex of child				
sex_num	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Male	31384	51.07	31384	51.07
Female	30063	48.93	61447	100.00

PROC FREQ of prenatal care

The FREQ Procedure

Prenatal Care in First 5 Months of Gestation				
pnc5	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing	606	0.99	606	0.99
No	7012	11.41	7618	12.40
Yes	53829	87.60	61447	100.00

prenatal	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	2611	4.25	2611	4.25
2	16443	26.76	19054	31.01
3	22483	36.59	41537	67.60
4	8258	13.44	49795	81.04
5	4034	6.57	53829	87.60
6	2350	3.82	56179	91.43
7	1432	2.33	57611	93.76
8	1012	1.65	58623	95.40
88	1461	2.38	60084	97.78
9	757	1.23	60841	99.01
99	606	0.99	61447	100.00

PROC FREQ of missing numeric values for 6 covariates among term births

The FREQ Procedure

Frequency
Percent

Table of anymissnum by preterm

Table of anymisnum by preterm		preterm(Birth Status)	
anymisnum(Any missing numeric value for pnc5, race_num, mhispc, mage_num, smoker, and sex_num)		Term	Total
anymisnum(Any missing numeric value for pnc5, race_num, mhispc, mage_num, smoker, and sex_num)		preterm(Birth Status)	
		Term	Total
No		55770	55770
		99.03	99.03
Yes		545	545
		0.97	0.97
Total		56315	56315
		100.00	100.00

PROC FREQ of missing numeric values for 6 covariates among preterm births

The FREQ Procedure

Frequency Percent	Table of anymisnum by preterm		
	anymisnum(Any missing numeric value for pnc5, race_num, mhispc, mage_num, smoker, and sex_num)	preterm(Birth Status)	
		Preterm	Total
	No	5025	5025
		97.92	97.92
	Yes	107	107
		2.08	2.08
	Total	5132	5132
		100.00	100.00

PROC FREQ of 2 or more missing numeric value for pnc5, race_num, mhispc, mage_num, smoker, and sex_num

The FREQ Procedure

2 or more missing numeric value for pnc5, race_num, mhispc, mage_num, smoker, and sex_num				
anymisnum2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
No	61441	99.99	61441	99.99
Yes	6	0.01	61447	100.00

PROC FREQ of 2 or more missing numeric values for 6 covariates among term births

The FREQ Procedure

Frequency	Table of anymisnum2 by preterm
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Percent

Table of anymisnum2 by preterm		preterm(Birth Status)	
anymisnum2(2 or more missing numeric value for pnc5, race_num, mhis, mage_num, smoker, and sex_num)		preterm(Birth Status)	Total
anymisnum2(2 or more missing numeric value for pnc5, race_num, mhis, mage_num, smoker, and sex_num)		Term	Total
No		56311 99.99	56311 99.99
Yes		4 0.01	4 0.01
Total		56315 100.00	56315 100.00

PROC FREQ of 2 or more missing numeric values for 6 covariates among preterm births

The FREQ Procedure

Frequency
Percent

Table of anymisnum2 by preterm		
anymisnum2(2 or more missing numeric value for pnc5, race_num, mhis, mage_num, smoker, and sex_num)	preterm(Birth Status)	
	Preterm	Total
No	5130 99.96	5130 99.96
Yes	2 0.04	2 0.04
Total	5132 100.00	5132 100.00

PROC FREQ of 2 or more missing numeric values for 6 covariate combinations

Obs	pnc5	mage_num	mhis	smoker	race_num	sex_num
1	Missing	34	Missing	Missing	1	Female
2	No	35	Missing	Missing	1	Male
3	No	38	Missing	Missing	4	Female
4	Missing	26	non-Hispanic (referent)	Missing	1	Male
5	Missing	20	non-Hispanic (referent)	Missing	1	Female
6	Missing	44	Missing	Smoker	2	Female

The CONTENTS Procedure

Data Set Name	WORK.BIRTHS16	Observations	61447
Member Type	DATA	Variables	24
Engine	V9	Indexes	0
Created	12/16/2021 15:32:07	Observation Length	256
Last Modified	12/16/2021 15:32:07	Deleted Observations	0

Protection		Compressed	NO
Data Set Type		Sorted	NO
Label			
Data Representation	SOLARIS_X86_64, LINUX_X86_64, ALPHA_TRU64, LINUX_IA64		
Encoding	utf-8 Unicode (UTF-8)		

Engine/Host Dependent Information	
Data Set Page Size	131072
Number of Data Set Pages	121
First Data Page	1
Max Obs per Page	511
Obs in First Data Page	489
Number of Data Set Repairs	0
Filename	/saswork/SAS_work2DB60001A874_odaws01-usw2.oda.sas.com/SAS_workFAB60001A874_odaws01-usw2.oda.sas.com/births16.sas7bdat
Release Created	9.0401M6
Host Created	Linux
Inode Number	536919702
Access Permission	rw-r--r--
Owner Name	u59075382
File Size	15MB
File Size (bytes)	15990784

Alphabetic List of Variables and Attributes					
#	Variable	Type	Len	Format	Label
8	MAGE	Char	20		
7	SEX	Char	20		
23	anymisnum	Char	3		Any missing numeric value for pnc5, race_num, mhis, mage_num, smoker, and sex_num
24	anymisnum2	Char	3		2 or more missing numeric value for pnc5, race_num, mhis, mage_num, smoker, and sex_num
6	cigdur	Char	20		
5	hispmom	Char	20		
1	idnum	Num	8		
15	mage2	Num	8		Condensed maternal age (age 44 or older in a single category; age 14 or younger in a single category)
14	mage_num	Num	8		
18	mhis	Num	8	MHISPF.	Hispanic origin of mother recoded to compare Hispanic or non-Hispanic
13	pnc5	Num	8	PNC5F.	Prenatal Care in First 5 Months of Gestation
3	prenatal	Char	20		
12	prenatal_num	Num	8		Month in which prenatal care began (recoded)
11	preterm	Num	8	PRETERMF.	Birth Status
10	pwk	Num	8		Person-weeks at risk of pre-term birth
4	race	Char	20		
17	race2	Num	8	RACE2F.	Race of mother/child recoded to compare white, african american, and other

Alphabetic List of Variables and Attributes					
#	Variable	Type	Len	Format	Label
16	race_num	Num	8		Race of mother/child (numeric)
19	raceth	Num	8	RACETHF.	Mothers race and ethnicity
20	raceth2	Num	8	RACETH2F.	Mothers race and ethnicity (recoded)
22	sex_num	Num	8	SEX_NUMF.	Sex of child
21	smoker	Num	8	SMOKERF.	Maternal smoking during pregnancy
9	weeknum	Num	8		2015 calendar week of birth
2	weeks	Num	8		Weeks of gestation

PROC FREQ of prenatal care, race/ethnicity, smoking during pregnancy, and child's sex

The FREQ Procedure

Prenatal Care in First 5 Months of Gestation				
pnc5	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing	606	.	.	.
No	7012	11.53	7012	11.53
Yes	53829	88.47	60841	100.00
Frequency Missing = 606				

Mothers race and ethnicity				
raceth	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing	30	.	.	.
White/non-Hispanic (referent)	34098	55.52	34098	55.52
White/Hispanic	2060	3.35	36158	58.87
African American/non-Hispanic	14393	23.43	50551	82.31
African American/Hispanic	309	0.50	50860	82.81
Other/non-Hispanic	3530	5.75	54390	88.56
Other/Hispanic	7027	11.44	61417	100.00
Frequency Missing = 30				

Maternal smoking during pregnancy				
smoker	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing	22	.	.	.
Non-smoker	55713	90.70	55713	90.70
Smoker	5712	9.30	61425	100.00
Frequency Missing = 22				

Sex of child

		Sex of child	Cumulative	Cumulative
sex_num	Frequency	Percent	Frequency	Percent
Male	31384	51.07	31384	51.07
Female	30063	48.93	61447	100.00
sex_num	Frequency	Percent	Frequency	Percent

PROC FREQ of prenatal care, race/ethnicity, smoking during pregnancy, and child's sex by birth status

The FREQ Procedure

Birth Status=Term

Prenatal Care in First 5 Months of Gestation				
pnc5	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing	505	.	.	.
No	6186	11.08	6186	11.08
Yes	49624	88.92	55810	100.00
Frequency Missing = 505				

Mothers race and ethnicity				
raceth	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing	28	.	.	.
White/non-Hispanic (referent)	31660	56.25	31660	56.25
White/Hispanic	1946	3.46	33606	59.70
African American/non-Hispanic	12658	22.49	46264	82.19
African American/Hispanic	282	0.50	46546	82.69
Other/non-Hispanic	3262	5.80	49808	88.49
Other/Hispanic	6479	11.51	56287	100.00
Frequency Missing = 28				

Maternal smoking during pregnancy				
smoker	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing	16	.	.	.
Non-smoker	51265	91.06	51265	91.06
Smoker	5034	8.94	56299	100.00
Frequency Missing = 16				

Sex of child				
sex_num	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Male	28650	50.87	28650	50.87
Female	27665	49.13	56315	100.00

PROC FREQ of prenatal care, race/ethnicity, smoking during pregnancy, and child's sex by birth status

The FREQ Procedure

Birth Status=Preterm

Prenatal Care in First 5 Months of Gestation				
pnc5	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing	101	.	.	.
No	826	16.42	826	16.42
Yes	4205	83.58	5031	100.00
Frequency Missing = 101				

Mothers race and ethnicity				
raceth	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing	2	.	.	.
White/non-Hispanic (referent)	2438	47.52	2438	47.52
White/Hispanic	114	2.22	2552	49.75
African American/non-Hispanic	1735	33.82	4287	83.57
African American/Hispanic	27	0.53	4314	84.09
Other/non-Hispanic	268	5.22	4582	89.32
Other/Hispanic	548	10.68	5130	100.00
Frequency Missing = 2				

Maternal smoking during pregnancy				
smoker	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Missing	6	.	.	.
Non-smoker	4448	86.77	4448	86.77
Smoker	678	13.23	5126	100.00
Frequency Missing = 6				

Sex of child				
sex_num	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Male	2734	53.27	2734	53.27
Female	2398	46.73	5132	100.00