

stat135 lab01

Dominic Tu

2/12/2018

```
load("/Users/dominictu/Downloads/KaiserBabies.rda")  
infants
```

##	gestation	bwt	parity	age	ed	ht	wt	dage
## 1	284	120	1	27	College	62	100	31
## 2	282	113	2	33	College	64	135	38
## 3	279	128	1	28	High School	64	115	32
## 4	NA	123	2	36	College	69	190	43
## 5	282	108	1	23	College	67	125	24
## 6	286	136	4	25	High School	62	93	28
## 7	244	138	4	33	High School	62	178	37
## 8	245	132	2	23	Some High School	65	140	23
## 9	289	120	3	25	Some College	62	125	26
## 10	299	143	3	30	College	66	136	34
## 11	351	140	2	27	College	68	120	28
## 12	282	144	4	32	High School	64	124	36
## 13	279	141	3	23	Some High School	63	128	28
## 14	281	110	5	36	College	61	99	32
## 15	273	114	3	30	High School	63	154	42
## 16	285	115	4	38	High School	63	130	37
## 17	255	92	3	25	Unknown	65	125	28
## 18	261	115	3	33	High School	60	125	33
## 19	261	144	2	33	High School	68	170	35
## 20	288	119	3	43	High School	66	142	45
## 21	270	105	3	22	High School	56	93	38
## 22	274	115	1	27	Some College	67	175	26
## 23	287	137	1	25	Some College	66	145	25
## 24	276	122	6	30	Some High School	68	182	38
## 25	294	131	2	23	High School	65	122	23
## 26	261	103	6	27	Some High School	65	112	29
## 27	280	146	1	26	No High School	58	106	29
## 28	266	114	2	20	High School	65	175	25
## 29	292	125	3	32	High School	65	125	29
## 30	274	114	2	28	College	66	132	31
## 31	270	122	2	26	High School	61	105	26
## 32	278	93	3	34	Some High School	61	146	37
## 33	268	130	2	30	High School	66	123	46
## 34	275	119	1	23	High School	60	105	25
## 35	281	113	3	24	Some College	65	120	24
## 36	283	134	1	22	High School	67	130	22
## 37	279	107	1	24	College	63	115	31
## 38	288	134	2	23	High School	63	92	26
## 39	267	122	1	27	Some College	65	101	29
## 40	282	128	6	31	High School	65	NA	31
## 41	293	129	2	30	Some College	61	160	29
## 42	278	110	3	23	Some College	63	177	25
## 43	302	138	4	26	Some High School	NA	NA	41
## 44	270	111	4	27	Some High School	61	119	33
## 45	248	87	10	37	Some High School	65	130	40
## 46	274	143	3	27	Some College	63	110	31
## 47	294	155	6	32	High School	66	150	35
## 48	272	110	2	25	Some High School	60	90	34
## 49	275	122	1	26	College	66	147	25
## 50	291	145	4	26	Some College	63	119	29
## 51	258	115	4	26	Unknown	62	130	30
## 52	283	108	6	31	Some High School	65	148	32

## 53	282 102	1 28	College	61 110	29
## 54	286 143	5 31	High School	64 126	36
## 55	267 146	2 30	College	67 132	31
## 56	275 124	3 22	Some High School	60 130	27
## 57	278 124	2 26	Some College	70 145	34
## 58	257 145	5 33	Some College	65 140	43
## 59	273 106	2 28	No High School	60 116	29
## 60	232 75	1 33	Some College	61 110	34
## 61	273 107	1 24	High School	61 96	32
## 62	288 124	1 22	Some College	67 118	25
## 63	280 122	2 23	Some College	65 125	24
## 64	245 101	1 23	High School	63 130	24
## 65	283 128	4 28	High School	63 125	30
## 66	282 104	5 36	College	65 115	41
## 67	246 97	6 37	High School	63 150	52
## 68	274 137	2 26	Some College	69 137	25
## 69	273 103	5 31	Some High School	63 170	31
## 70	276 142	5 38	Some High School	63 170	49
## 71	289 130	1 27	College	66 130	32
## 72	292 156	2 26	High School	63 118	27
## 73	284 133	1 25	High School	66 125	27
## 74	274 120	3 24	Some College	62 120	27
## 75	270 91	3 24	Trade	60 149	34
## 76	274 127	2 21	High School	62 110	24
## 77	286 153	4 26	Some College	63 107	26
## 78	276 121	2 39	High School	63 130	44
## 79	277 120	1 27	Some College	63 126	30
## 80	272 99	5 27	High School	62 103	27
## 81	293 149	5 35	Some College	65 116	42
## 82	280 129	2 23	Some College	64 104	25
## 83	292 139	2 25	College	68 135	25
## 84	274 114	5 33	College	67 148	31
## 85	287 138	1 30	College	66 145	33
## 86	274 129	2 29	College	71 NA	31
## 87	294 138	3 32	College	65 117	33
## 88	296 131	7 37	College	63 143	35
## 89	305 125	1 22	Trade	70 196	25
## 90	NA 114	1 24	Some College	67 113	25
## 91	281 128	10 33	High School	59 117	36
## 92	268 134	2 28	College	62 112	31
## 93	271 114	2 27	High School	60 104	30
## 94	NA 92	2 31	College	67 130	32
## 95	278 85	3 23	Some High School	61 103	28
## 96	282 135	1 22	High School	64 100	24
## 97	255 87	1 28	Some College	61 100	28
## 98	302 125	2 37	Some College	62 162	41
## 99	NA 128	2 35	College	62 110	35
## 100	254 105	7 29	High School	64 137	36
## 101	279 120	2 27	Trade	60 121	27
## 102	274 119	3 33	College	64 120	36
## 103	286 116	1 24	No High School	61 NA	27
## 104	280 107	4 36	High School	65 117	36
## 105	273 119	1 24	High School	61 108	26
## 106	279 133	5 37	High School	66 140	40

## 107	287 155	2 33	College	66 143	38
## 108	273 126	2 22	High School	65 150	25
## 109	303 129	1 27	College	64 125	32
## 110	274 137	4 29	Some High School	65 154	46
## 111	269 103	1 26	Trade	65 NA	29
## 112	302 125	4 28	Some College	65 125	30
## 113	255 91	1 19	Some High School	67 136	20
## 114	293 134	2 21	No High School	65 NA	25
## 115	279 95	1 22	Some College	66 145	28
## 116	276 118	1 29	High School	64 114	32
## 117	278 141	8 33	Some High School	66 109	45
## 118	283 131	2 25	Some College	67 215	27
## 119	264 121	6 32	Some College	66 145	36
## 120	243 100	1 39	High School	65 170	37
## 121	288 131	3 24	High School	61 103	26
## 122	284 118	1 26	High School	66 133	26
## 123	288 152	3 35	Some College	67 130	33
## 124	284 121	6 34	College	69 155	36
## 125	276 117	2 31	College	69 150	32
## 126	283 115	2 25	High School	61 150	25
## 127	277 112	3 23	Some College	65 110	24
## 128	267 94	3 30	Some College	62 120	33
## 129	272 109	2 35	High School	66 154	44
## 130	225 132	4 28	High School	67 148	28
## 131	278 117	2 25	Some College	62 103	30
## 132	266 101	2 20	Some High School	67 110	26
## 133	294 112	1 25	High School	64 125	27
## 134	283 128	1 24	High School	60 100	24
## 135	279 128	2 25	Some College	66 147	26
## 136	258 117	3 31	High School	64 120	33
## 137	278 134	1 24	Trade	69 135	28
## 138	284 127	1 28	High School	65 145	26
## 139	269 93	2 21	Some High School	65 104	22
## 140	275 122	2 27	High School	65 165	32
## 141	265 100	6 39	High School	62 107	39
## 142	293 147	3 32	Some College	65 123	32
## 143	299 120	2 25	Trade	65 110	33
## 144	277 144	3 30	College	63 127	36
## 145	268 105	5 32	Some College	61 115	28
## 146	276 136	1 23	High School	66 155	33
## 147	262 102	3 24	High School	63 125	27
## 148	300 160	7 29	Some College	71 175	38
## 149	275 113	1 24	Trade	68 140	26
## 150	282 126	8 38	No High School	66 250	44
## 151	271 126	2 29	College	68 148	34
## 152	278 115	2 29	College	61 128	38
## 153	336 127	6 29	Unknown	NA NA	32
## 154	284 119	1 20	High School	66 132	23
## 155	NA 129	2 23	High School	NA NA	24
## 156	318 123	2 21	Some High School	64 152	28
## 157	282 118	4 22	Some High School	68 135	25
## 158	287 133	1 24	Some College	60 104	27
## 159	281 105	1 39	College	61 NA	45
## 160	290 134	1 22	High School	60 121	23

## 161	288 144	1 21	Some College	67 111	26
## 162	273 111	4 43	No High School	62 138	53
## 163	262 125	7 36	High School	66 190	40
## 164	296 135	2 30	High School	63 123	34
## 165	289 134	1 22	Some College	63 125	31
## 166	289 116	1 22	High School	65 160	22
## 167	291 129	1 29	College	69 123	29
## 168	301 113	4 26	High School	67 105	27
## 169	295 131	1 23	High School	65 123	26
## 170	293 126	1 29	Trade	59 110	30
## 171	272 121	1 22	High School	62 109	28
## 172	271 121	3 25	Some College	68 118	27
## 173	287 138	1 24	Some College	65 115	26
## 174	278 136	1 23	Some College	61 105	24
## 175	279 120	3 30	Some College	66 131	36
## 176	278 122	4 31	High School	72 155	36
## 177	267 134	3 30	Some College	66 170	30
## 178	280 101	1 25	Some College	65 123	25
## 179	288 112	5 32	College	62 125	37
## 180	290 132	2 25	Some College	64 120	25
## 181	285 136	1 23	High School	62 175	28
## 182	277 113	4 23	Some High School	65 192	31
## 183	271 96	2 23	Some College	64 116	24
## 184	277 124	3 29	High School	63 220	36
## 185	306 113	1 21	Some College	62 150	30
## 186	286 131	3 34	High School	NA NA	36
## 187	258 137	1 25	College	63 117	26
## 188	268 133	1 24	College	61 93	30
## 189	244 107	1 20	High School	58 97	20
## 190	265 96	4 28	High School	59 135	28
## 191	278 142	3 35	College	66 136	33
## 192	275 136	1 22	High School	63 110	23
## 193	239 75	3 26	High School	63 124	26
## 194	302 125	8 32	High School	61 NA	39
## 195	295 104	4 26	Some College	65 155	27
## 196	274 130	5 30	Some High School	63 150	32
## 197	290 90	3 22	High School	63 168	32
## 198	276 118	3 22	High School	66 147	23
## 199	320 123	2 22	Some College	66 117	26
## 200	291 137	6 34	College	61 110	39
## 201	268 101	2 19	Some High School	63 140	23
## 202	275 142	3 25	High School	64 132	29
## 203	282 98	1 20	Some High School	63 97	22
## 204	283 124	1 23	Some College	63 112	26
## 205	310 151	1 21	High School	65 NA	22
## 206	281 109	1 23	Some College	61 105	27
## 207	285 150	3 22	Some High School	61 110	28
## 208	282 119	2 26	Some College	68 150	25
## 209	280 131	5 38	Some College	65 125	37
## 210	272 101	1 29	Some College	63 150	39
## 211	246 113	2 19	Some High School	62 138	22
## 212	270 127	3 25	College	62 150	26
## 213	260 97	2 23	High School	61 99	26
## 214	282 117	4 28	Some College	64 115	29

## 215	290 150	1 21	Some High School	65 125	25
## 216	234 85	7 33	Some High School	67 130	37
## 217	288 128	3 27	Some College	70 145	27
## 218	233 105	4 34	Trade	61 130	36
## 219	269 90	4 26	High School	67 125	27
## 220	274 115	1 22	High School	65 130	23
## 221	290 107	2 28	High School	62 135	29
## 222	275 121	1 24	Trade	63 121	27
## 223	286 119	1 20	High School	64 180	25
## 224	275 117	2 20	Some High School	64 145	22
## 225	264 134	1 26	College	68 136	35
## 226	288 117	7 35	High School	65 142	42
## 227	268 115	3 28	High School	66 128	32
## 228	254 110	2 23	High School	63 120	30
## 229	282 130	3 21	Trade	62 106	19
## 230	274 140	2 23	High School	63 106	25
## 231	284 111	1 22	High School	NA NA	23
## 232	249 93	3 33	No High School	66 117	38
## 233	292 154	1 42	Trade	65 116	49
## 234	290 125	1 19	Some High School	64 127	21
## 235	318 93	7 31	No High School	66 135	30
## 236	277 122	7 33	Some College	63 135	40
## 237	267 129	3 22	No High School	63 160	33
## 238	276 126	1 23	Some College	63 120	26
## 239	274 85	1 24	Some College	68 155	25
## 240	293 173	6 30	High School	63 110	38
## 241	329 144	3 22	High School	65 190	35
## 242	278 114	2 25	Some College	65 140	27
## 243	NA 111	8 27	Some High School	63 105	31
## 244	287 154	2 27	Trade	65 125	28
## 245	274 150	1 25	High School	67 117	25
## 246	278 111	1 21	High School	62 125	22
## 247	277 126	2 32	Some College	66 128	60
## 248	261 122	3 28	High School	65 124	30
## 249	282 141	3 24	High School	68 169	27
## 250	274 142	3 24	Some High School	63 125	25
## 251	262 99	3 38	Some High School	59 110	43
## 252	286 113	2 23	High School	63 105	26
## 253	282 149	1 21	High School	61 110	25
## 254	328 117	1 29	High School	65 125	30
## 255	274 130	4 26	Trade	64 185	26
## 256	275 106	3 31	Some College	65 142	38
## 257	290 128	1 22	Some College	64 118	27
## 258	286 125	1 21	High School	64 139	28
## 259	290 114	3 30	High School	66 160	33
## 260	285 130	1 23	Some College	63 128	27
## 261	148 116	7 28	Some High School	66 135	36
## 262	256 81	4 30	Some High School	64 148	31
## 263	287 124	3 27	Some High School	62 105	31
## 264	292 125	1 22	Some College	65 122	23
## 265	262 110	1 25	College	66 140	27
## 266	279 125	1 23	High School	63 104	28
## 267	294 138	1 40	High School	64 125	43
## 268	284 142	5 39	High School	66 132	38

## 269	278 115	3 23	High School	60 102	25
## 270	280 102	3 38	Some College	67 140	45
## 271	294 140	2 25	Some College	61 103	25
## 272	276 133	0 22	Some College	63 119	29
## 273	290 127	3 35	High School	66 165	35
## 274	274 104	0 20	High School	62 115	23
## 275	275 119	4 42	Some College	67 156	47
## 276	301 152	2 29	Some High School	65 150	30
## 277	284 123	0 20	Some College	65 120	20
## 278	273 143	3 19	High School	66 135	25
## 279	308 131	1 40	Some College	65 160	44
## 280	319 141	0 20	High School	67 140	25
## 281	277 129	1 30	Some College	66 142	34
## 282	282 113	0 36	High School	59 140	34
## 283	292 119	2 33	High School	62 118	39
## 284	295 109	0 23	High School	63 103	28
## 285	280 104	0 27	College	68 146	27
## 286	282 131	0 21	Some College	66 126	24
## 287	293 110	0 28	Some College	64 135	26
## 288	279 148	3 27	Some College	71 189	37
## 289	283 137	0 20	High School	65 157	26
## 290	283 117	2 27	Some College	63 108	32
## 291	302 115	0 22	High School	67 135	22
## 292	280 98	2 35	High School	64 122	NA
## 293	303 136	0 20	High School	68 148	26
## 294	276 121	0 23	College	71 152	23
## 295	285 132	0 25	Some College	63 140	26
## 296	264 91	2 36	Trade	60 100	34
## 297	294 119	1 34	Trade	59 105	50
## 298	273 85	5 26	Some High School	60 105	31
## 299	271 106	0 26	College	61 110	31
## 300	284 132	2 29	College	64 122	37
## 301	266 80	0 25	High School	62 125	28
## 302	286 109	1 24	High School	64 125	25
## 303	306 111	2 27	Some College	61 102	29
## 304	292 143	0 21	Trade	65 125	24
## 305	290 136	1 26	Some College	66 135	30
## 306	285 110	0 19	High School	64 130	19
## 307	257 98	2 29	High School	66 130	37
## 308	305 108	0 24	Some College	65 112	25
## 309	295 101	1 18	Some High School	62 145	29
## 310	281 71	1 32	Some College	60 117	35
## 311	292 124	2 29	Trade	68 176	29
## 312	256 93	3 34	Trade	66 NA	40
## 313	276 106	3 30	Some College	66 130	37
## 314	278 101	1 25	High School	62 112	24
## 315	277 100	2 31	High School	62 100	31
## 316	269 104	4 35	High School	63 110	37
## 317	270 117	3 24	High School	67 135	30
## 318	267 117	4 29	High School	65 120	34
## 319	279 149	1 25	High School	67 135	27
## 320	284 135	1 25	College	66 123	32
## 321	283 110	0 21	High School	66 129	27
## 322	276 121	3 31	College	67 130	30

## 323	285 142	0 24	Trade	66 136	30
## 324	260 104	1 33	High School	64 145	36
## 325	296 138	1 34	College	66 120	36
## 326	278 112	0 21	College	63 120	29
## 327	293 117	3 39	Some High School	60 120	40
## 328	282 109	1 25	College	62 106	36
## 329	266 131	0 28	College	67 135	28
## 330	273 120	1 29	College	64 130	33
## 331	270 116	1 29	College	63 132	30
## 332	290 140	2 23	Some College	65 110	22
## 333	273 103	0 22	High School	64 110	24
## 334	279 120	0 23	College	67 135	23
## 335	260 139	0 32	High School	64 127	34
## 336	254 123	1 26	College	62 130	26
## 337	280 104	0 23	High School	64 107	26
## 338	283 131	2 31	Some College	NA NA	31
## 339	270 111	1 22	Some College	59 103	24
## 340	277 122	5 32	Some College	63 157	36
## 341	271 116	0 30	College	67 144	31
## 342	277 129	1 27	College	68 130	27
## 343	292 133	2 30	High School	65 112	30
## 344	277 110	1 25	Some High School	61 130	29
## 345	276 105	2 22	Trade	67 130	24
## 346	246 93	3 37	High School	65 130	41
## 347	281 122	3 42	Trade	63 103	43
## 348	293 133	2 23	Trade	64 110	25
## 349	296 130	0 22	College	66 117	22
## 350	307 104	1 24	Some College	59 122	28
## 351	278 106	3 31	College	65 110	32
## 352	281 120	2 33	Trade	63 113	36
## 353	284 121	1 27	Some High School	63 NA	33
## 354	276 118	0 18	High School	63 128	18
## 355	290 140	0 19	High School	67 132	23
## 356	268 114	2 22	High School	64 104	25
## 357	280 116	8 40	Some High School	62 159	46
## 358	284 129	2 24	Some College	64 115	25
## 359	286 120	2 22	High School	62 115	24
## 360	281 127	1 24	Some College	63 112	31
## 361	278 107	0 27	High School	NA 135	27
## 362	234 71	4 32	High School	64 110	38
## 363	274 88	4 30	High School	66 130	31
## 364	300 107	1 19	Some High School	NA NA	20
## 365	286 122	1 23	Some College	64 145	28
## 366	302 106	0 19	High School	66 147	20
## 367	285 135	3 30	Some College	66 130	30
## 368	290 107	3 26	Trade	63 112	32
## 369	294 129	3 32	High School	62 170	35
## 370	274 126	4 39	College	62 122	36
## 371	293 116	0 26	College	64 125	28
## 372	294 124	1 26	College	62 122	27
## 373	281 123	1 23	Some High School	68 136	25
## 374	315 145	4 39	High School	67 143	42
## 375	278 102	1 27	High School	67 135	26
## 376	293 129	3 30	High School	65 130	28

## 377	276 98	0 22	Some College	61 121	25
## 378	272 110	1 28	Unknown	60 108	28
## 379	282 135	1 24	College	67 128	31
## 380	278 101	0 20	Some College	62 105	26
## 381	266 96	1 26	College	65 125	27
## 382	276 104	0 18	High School	60 109	20
## 383	249 100	3 24	Some College	67 100	25
## 384	292 154	1 40	No High School	66 145	38
## 385	293 127	1 31	College	67 137	27
## 386	288 126	3 31	College	62 150	34
## 387	282 126	0 23	Some College	66 115	23
## 388	279 127	3 26	Trade	67 155	32
## 389	275 98	1 25	College	65 112	25
## 390	288 127	0 21	High School	66 130	22
## 391	299 129	1 22	Some College	68 145	22
## 392	292 131	0 22	Some College	64 124	22
## 393	289 132	0 19	Some College	66 145	23
## 394	280 127	1 27	High School	62 118	34
## 395	313 99	0 34	Some College	59 100	32
## 396	290 115	1 30	College	64 140	36
## 397	290 145	0 24	College	67 125	26
## 398	249 102	0 23	High School	67 134	24
## 399	299 136	2 29	College	64 115	30
## 400	286 121	0 NA	Some College	NA NA	27
## 401	282 121	2 22	Some High School	66 133	28
## 402	286 120	1 25	Some College	62 105	30
## 403	261 118	1 26	High School	60 104	37
## 404	304 127	0 26	College	62 105	28
## 405	281 132	0 24	College	63 117	27
## 406	258 102	0 22	Some College	65 135	24
## 407	279 143	7 39	Trade	65 129	49
## 408	277 118	2 25	Trade	62 120	27
## 409	286 102	0 22	High School	64 140	23
## 410	280 163	6 35	Some College	69 139	40
## 411	294 132	1 32	College	64 116	30
## 412	276 116	3 33	High School	61 180	40
## 413	288 138	0 19	Some College	66 124	21
## 414	279 139	1 20	High School	64 143	21
## 415	298 132	0 23	High School	61 137	33
## 416	282 87	2 27	Trade	63 104	29
## 417	297 131	3 30	College	67 132	30
## 418	282 130	1 26	College	67 147	30
## 419	290 123	2 28	Some College	66 107	29
## 420	276 115	0 18	High School	63 110	20
## 421	272 116	5 27	High School	64 130	28
## 422	286 119	0 20	High School	67 130	25
## 423	279 125	0 19	Some College	67 135	23
## 424	282 144	1 33	Some College	66 155	43
## 425	269 123	2 26	College	67 132	27
## 426	276 120	2 23	Some College	66 114	23
## 427	251 140	4 28	Some College	63 210	39
## 428	271 120	0 17	Some High School	64 142	22
## 429	272 116	4 NA	Trade	63 138	31
## 430	289 120	0 31	College	59 102	45

## 431	280 146	1 23	High School	61 145	25
## 432	283 112	0 21	Trade	62 102	23
## 433	269 115	2 30	High School	62 115	29
## 434	278 132	2 20	Some High School	64 150	24
## 435	263 146	10 39	No High School	53 110	41
## 436	275 122	2 30	College	68 140	31
## 437	292 128	1 32	High School	66 130	32
## 438	277 119	3 24	Some College	63 120	27
## 439	278 135	1 27	Some High School	66 148	33
## 440	315 116	3 26	High School	NA NA	27
## 441	235 129	3 24	Some College	66 135	26
## 442	293 116	0 28	College	62 108	32
## 443	275 100	4 27	Some College	64 111	26
## 444	280 118	2 27	Some College	NA NA	37
## 445	257 138	1 38	High School	67 138	44
## 446	282 123	2 22	Some College	65 130	22
## 447	288 113	0 21	High School	61 120	25
## 448	280 129	0 24	High School	65 140	24
## 449	280 122	2 24	Some College	67 127	29
## 450	281 132	0 21	Some College	67 140	21
## 451	269 120	0 40	College	63 130	40
## 452	283 114	0 20	Some College	65 115	22
## 453	280 130	2 29	Some High School	66 135	33
## 454	286 117	2 32	College	66 127	32
## 455	285 142	2 33	Trade	63 124	34
## 456	273 144	2 27	Some High School	62 118	25
## 457	262 127	0 32	Trade	64 125	36
## 458	270 115	2 25	High School	67 165	28
## 459	258 85	1 41	Trade	67 137	36
## 460	274 99	3 28	Trade	66 118	27
## 461	323 123	0 17	Some High School	64 140	21
## 462	281 112	0 23	High School	61 150	35
## 463	223 68	1 32	No High School	66 149	38
## 464	283 102	0 19	High School	65 127	20
## 465	273 109	9 37	Some High School	65 138	38
## 466	267 102	0 25	College	60 93	32
## 467	275 99	2 23	Some College	61 125	24
## 468	256 78	0 29	College	65 123	27
## 469	284 128	0 19	High School	66 111	22
## 470	303 107	0 25	Some College	67 133	25
## 471	295 136	4 23	Some High School	64 147	25
## 472	278 101	2 27	High School	61 99	30
## 473	275 100	0 25	High School	64 125	30
## 474	272 109	5 41	College	66 154	38
## 475	281 117	0 21	Some College	70 141	25
## 476	252 88	0 21	Some College	60 115	24
## 477	270 95	5 35	Trade	65 135	35
## 478	280 119	0 25	High School	61 NA	27
## 479	272 123	8 28	Some High School	NA NA	29
## 480	291 127	0 24	Trade	66 135	25
## 481	293 107	2 20	Some High School	65 155	34
## 482	291 124	3 26	Some High School	66 NA	37
## 483	262 126	5 37	High School	66 135	39
## 484	278 98	4 27	Some College	63 110	24

## 485	241 96	1 23	High School	64 130	25
## 486	282 104	2 24	High School	63 144	26
## 487	273 133	0 33	High School	63 135	30
## 488	267 93	1 25	College	63 135	27
## 489	280 101	0 24	College	65 123	25
## 490	277 118	1 21	Some High School	64 155	25
## 491	289 130	1 21	Trade	61 130	26
## 492	288 125	2 22	Some High School	63 128	23
## 493	291 140	0 19	High School	65 122	21
## 494	290 115	0 19	Some College	65 118	22
## 495	293 130	2 26	High School	63 123	26
## 496	277 114	0 31	College	64 125	32
## 497	278 105	1 21	Some College	64 120	24
## 498	289 101	0 31	College	60 125	31
## 499	286 132	2 26	Some College	67 122	29
## 500	252 112	3 37	High School	64 162	43
## 501	232 69	2 31	Some College	59 103	32
## 502	264 114	2 26	College	63 110	29
## 503	267 123	2 29	College	63 111	32
## 504	284 129	0 20	High School	66 130	24
## 505	283 114	0 15	Some High School	64 117	20
## 506	290 115	6 31	College	62 95	32
## 507	272 98	0 35	Some College	64 129	26
## 508	283 128	2 27	Some College	67 126	27
## 509	279 119	0 20	Some College	NA NA	21
## 510	271 119	2 28	College	64 175	30
## 511	288 154	3 25	Trade	65 147	36
## 512	247 127	0 21	High School	63 140	35
## 513	263 131	5 29	Some High School	64 180	32
## 514	288 129	2 28	College	59 102	29
## 515	286 114	0 22	Some College	64 116	23
## 516	280 110	1 29	Trade	62 110	33
## 517	268 103	3 31	High School	64 150	38
## 518	287 117	1 20	High School	65 115	23
## 519	282 138	1 25	High School	64 120	30
## 520	280 126	1 24	Some College	66 147	26
## 521	271 124	1 23	Some College	66 145	25
## 522	284 111	1 34	Trade	62 110	42
## 523	282 132	1 28	College	67 200	29
## 524	240 103	1 26	High School	65 140	25
## 525	285 158	2 28	High School	62 130	34
## 526	277 146	3 32	Some College	NA NA	34
## 527	286 101	0 21	High School	64 117	22
## 528	290 132	2 26	High School	66 125	28
## 529	293 114	0 20	High School	66 180	23
## 530	277 71	1 40	College	69 135	43
## 531	282 116	2 19	High School	64 120	21
## 532	271 108	2 19	Some High School	60 109	21
## 533	298 123	4 25	High School	64 113	27
## 534	289 129	3 37	High School	63 132	52
## 535	282 134	1 24	High School	62 110	31
## 536	298 113	2 30	High School	60 124	28
## 537	277 123	0 20	High School	65 160	21
## 538	277 147	1 30	College	68 160	36

## 539	270 121	0 20	Some College	62 103	22
## 540	284 125	0 19	High School	67 130	21
## 541	277 115	0 25	High School	66 128	35
## 542	289 101	5 27	Some College	59 96	NA
## 543	271 93	2 30	Some College	65 127	30
## 544	275 109	3 33	Some College	66 120	37
## 545	276 115	0 23	Some College	60 106	25
## 546	293 130	0 23	High School	65 122	25
## 547	278 123	2 21	Some High School	61 89	22
## 548	300 111	1 20	High School	64 108	25
## 549	279 97	0 24	Some High School	64 138	35
## 550	292 122	0 25	College	65 125	28
## 551	300 124	3 28	Some High School	63 95	36
## 552	276 129	3 26	High School	66 145	27
## 553	290 124	1 26	Some College	59 140	31
## 554	280 107	1 20	Some College	60 107	23
## 555	273 142	0 22	High School	62 125	23
## 556	287 129	0 29	High School	66 135	39
## 557	281 174	3 37	Some College	67 155	27
## 558	264 105	5 30	Some College	65 105	45
## 559	291 103	0 26	College	63 102	29
## 560	285 124	0 27	Some College	63 114	38
## 561	265 105	6 43	College	65 124	51
## 562	275 133	7 36	Some High School	65 137	44
## 563	302 161	0 22	Some College	70 170	23
## 564	260 105	3 23	Some High School	64 197	24
## 565	281 108	8 41	Some High School	66 171	49
## 566	297 153	1 27	High School	66 145	33
## 567	280 133	0 25	College	61 130	28
## 568	269 115	4 41	High School	63 165	42
## 569	254 127	1 27	High School	67 146	32
## 570	271 128	2 41	High School	65 135	35
## 571	265 117	2 40	Some College	68 134	48
## 572	274 123	2 23	Some College	66 135	25
## 573	288 119	0 22	High School	64 132	32
## 574	284 141	0 17	Some High School	64 105	19
## 575	260 91	1 26	High School	62 110	26
## 576	291 116	1 29	Some College	65 133	30
## 577	255 116	3 24	High School	65 132	33
## 578	273 121	3 32	College	64 112	35
## 579	274 111	5 36	High School	67 159	41
## 580	257 102	1 25	Some High School	66 135	24
## 581	283 118	1 24	High School	65 150	27
## 582	294 126	0 22	Some College	65 125	27
## 583	286 98	2 31	High School	62 105	36
## 584	288 131	0 28	High School	65 125	29
## 585	278 115	1 21	High School	60 113	26
## 586	281 103	0 22	High School	59 98	23
## 587	301 147	3 26	College	65 130	26
## 588	308 123	0 19	High School	65 135	22
## 589	283 125	1 22	Some College	65 119	23
## 590	270 117	2 30	Some High School	67 130	40
## 591	268 99	4 29	Some College	71 150	34
## 592	283 115	1 31	Trade	66 127	33

## 593	265 116	11 36	Some High School	63 120	37
## 594	297 118	1 35	High School	68 140	40
## 595	303 170	0 21	Some College	64 129	28
## 596	270 104	1 25	Some High School	61 110	25
## 597	269 108	0 20	Some High School	62 114	21
## 598	289 144	0 17	High School	69 130	19
## 599	250 99	0 26	College	66 115	34
## 600	263 97	0 25	Some College	63 107	26
## 601	284 142	5 37	Some High School	68 155	41
## 602	270 85	0 19	High School	63 118	19
## 603	285 130	0 24	College	66 126	28
## 604	275 117	3 22	Some High School	62 115	26
## 605	302 109	1 24	College	64 110	24
## 606	285 147	2 24	College	64 137	26
## 607	281 105	0 23	College	64 115	25
## 608	278 135	0 27	High School	68 139	25
## 609	273 115	0 23	High School	67 215	38
## 610	280 123	2 23	Some High School	65 140	28
## 611	274 105	0 26	College	61 100	28
## 612	271 154	6 36	High School	69 160	38
## 613	276 110	2 25	Some College	63 107	28
## 614	285 119	0 26	Some College	62 108	47
## 615	292 103	0 28	College	62 132	31
## 616	272 117	1 25	High School	64 116	28
## 617	289 120	2 23	High School	69 165	25
## 618	278 145	3 24	High School	62 109	24
## 619	271 104	2 20	High School	62 98	24
## 620	268 123	0 18	Some High School	62 110	23
## 621	272 124	2 27	High School	62 110	26
## 622	275 129	1 26	College	64 115	34
## 623	248 91	9 33	Some College	63 202	42
## 624	295 109	5 32	Some High School	61 135	47
## 625	268 108	2 22	High School	58 112	23
## 626	268 79	1 36	High School	61 108	39
## 627	301 133	1 23	High School	62 108	25
## 628	309 114	0 27	No High School	62 118	26
## 629	273 128	4 34	College	61 125	34
## 630	280 129	0 24	College	65 126	25
## 631	234 97	0 26	College	65 112	27
## 632	276 103	0 21	High School	62 130	24
## 633	293 176	0 19	Some College	68 180	21
## 634	294 143	6 44	College	65 145	45
## 635	292 127	0 21	Some College	68 130	22
## 636	256 107	1 28	Some High School	59 90	33
## 637	268 113	4 31	Some High School	62 100	31
## 638	279 106	0 21	High School	62 118	24
## 639	285 152	2 24	High School	61 120	29
## 640	275 150	4 29	Some High School	65 145	33
## 641	278 136	4 35	Some College	64 118	35
## 642	298 151	3 37	High School	64 135	42
## 643	279 124	5 35	Some High School	66 129	44
## 644	284 123	0 18	Some High School	64 112	18
## 645	288 119	1 37	High School	62 128	35
## 646	291 122	5 40	Some College	64 155	41

## 647	250 112	1 34	College	67 124	35
## 648	270 93	5 25	Some High School	64 125	27
## 649	271 109	3 27	Some High School	61 NA	28
## 650	274 136	0 20	Some High School	63 165	22
## 651	NA 121	4 31	High School	68 132	33
## 652	292 150	1 26	Some College	64 124	30
## 653	264 94	0 26	High School	64 135	23
## 654	280 120	2 29	Some College	NA NA	32
## 655	306 146	3 38	Some College	63 112	43
## 656	274 129	1 19	Some High School	65 101	22
## 657	292 125	1 27	Some College	65 117	31
## 658	273 124	1 21	High School	63 115	21
## 659	282 141	2 27	Some College	63 115	29
## 660	266 96	1 33	College	67 135	32
## 661	297 138	1 30	Some College	66 133	43
## 662	282 127	3 28	High School	67 134	33
## 663	251 114	3 26	High School	64 119	28
## 664	297 103	3 31	High School	64 125	37
## 665	288 127	0 20	High School	65 115	23
## 666	292 141	2 29	High School	62 110	30
## 667	274 113	3 23	High School	63 108	24
## 668	249 99	0 31	Unknown	57 98	31
## 669	279 97	3 33	Some College	61 105	33
## 670	275 116	0 20	High School	68 145	24
## 671	297 126	6 26	Some High School	66 120	38
## 672	296 158	4 28	Some College	66 140	29
## 673	277 119	2 28	College	66 130	32
## 674	283 123	1 27	High School	62 110	27
## 675	287 129	3 24	High School	60 107	25
## 676	256 117	3 37	High School	65 132	38
## 677	275 100	3 26	High School	60 115	29
## 678	274 131	4 28	High School	64 118	28
## 679	279 146	1 27	College	64 124	30
## 680	267 84	1 29	Some College	60 95	30
## 681	302 115	1 28	High School	64 116	31
## 682	281 115	5 25	High School	60 94	29
## 683	284 118	4 28	High School	70 145	30
## 684	292 91	0 19	High School	61 125	29
## 685	255 112	9 39	No High School	60 115	47
## 686	316 115	0 29	College	64 110	30
## 687	269 110	2 38	College	61 102	41
## 688	277 117	2 34	College	66 140	36
## 689	268 109	0 29	High School	65 120	36
## 690	267 99	1 22	High School	62 94	24
## 691	274 131	2 27	High School	62 160	32
## 692	291 136	0 25	Some College	61 105	33
## 693	298 130	1 20	High School	62 120	20
## 694	296 134	5 35	College	60 117	37
## 695	271 128	2 29	Some College	65 126	30
## 696	286 150	3 38	Some College	67 175	42
## 697	284 86	7 39	Some High School	65 174	43
## 698	278 115	1 26	Some College	63 112	28
## 699	281 141	1 28	Some College	NA NA	31
## 700	237 78	0 23	Some College	63 144	26

## 701	295 100	0 21	High School	68 125	22
## 702	270 116	1 25	College	68 169	26
## 703	271 110	0 26	Some College	66 135	30
## 704	283 109	4 34	High School	64 120	38
## 705	259 113	1 38	Unknown	64 128	45
## 706	297 136	0 23	College	66 135	24
## 707	NA 114	2 23	Some College	63 116	24
## 708	273 121	0 34	High School	61 125	38
## 709	288 117	0 28	College	63 140	NA
## 710	299 166	2 26	College	68 140	27
## 711	229 87	2 27	High School	62 138	30
## 712	294 120	0 23	Some College	66 128	26
## 713	286 95	1 26	High School	66 118	25
## 714	273 132	1 28	Some College	62 113	28
## 715	286 90	1 32	College	63 105	40
## 716	308 131	2 30	High School	58 150	33
## 717	279 103	0 22	College	65 145	29
## 718	287 144	0 33	Some College	71 153	36
## 719	299 137	2 24	High School	62 115	26
## 720	270 124	1 20	High School	64 122	23
## 721	281 136	0 27	Some College	64 127	33
## 722	298 117	0 22	High School	64 160	30
## 723	269 121	1 23	High School	62 130	28
## 724	280 116	5 34	Some College	68 198	35
## 725	275 139	2 33	College	62 118	31
## 726	280 110	3 39	No High School	67 125	42
## 727	242 86	1 20	High School	64 110	25
## 728	287 133	1 20	High School	65 165	23
## 729	254 81	1 23	High School	62 157	24
## 730	281 133	5 33	High School	63 120	31
## 731	284 132	0 20	Some College	66 140	28
## 732	287 132	3 29	Some College	64 148	34
## 733	274 137	1 27	College	64 126	35
## 734	279 84	4 34	High School	63 190	35
## 735	279 136	3 30	Some College	69 130	35
## 736	270 92	2 34	College	62 100	39
## 737	298 114	0 28	Some College	67 114	30
## 738	274 129	3 33	Some College	69 136	36
## 739	288 167	0 19	Some High School	63 117	20
## 740	NA 71	1 19	Some High School	64 120	25
## 741	282 124	0 22	College	65 118	29
## 742	269 105	2 27	College	62 100	27
## 743	283 155	0 19	Some High School	70 137	21
## 744	279 125	0 21	Some College	66 126	26
## 745	266 125	1 21	High School	62 120	25
## 746	283 125	0 22	College	59 96	24
## 747	315 115	0 22	Some College	62 110	24
## 748	288 174	2 25	Some College	61 182	26
## 749	290 127	2 35	Some College	66 122	35
## 750	262 113	1 24	Some High School	60 105	30
## 751	273 115	1 22	High School	66 130	22
## 752	277 139	5 35	Some College	63 140	42
## 753	275 127	1 26	High School	62 125	29
## 754	289 111	3 26	High School	NA NA	31

## 755	272 112	3 26	Some High School	60 98	35
## 756	285 143	1 30	High School	64 135	29
## 757	286 116	0 22	High School	58 105	24
## 758	279 155	3 33	High School	61 125	34
## 759	290 121	1 31	College	64 127	33
## 760	282 110	0 21	High School	66 125	22
## 761	277 87	4 31	High School	62 120	33
## 762	330 132	1 34	Some College	64 130	32
## 763	261 105	3 32	Some High School	NA NA	36
## 764	277 129	3 24	High School	68 142	31
## 765	280 123	1 20	High School	62 105	23
## 766	279 91	0 27	Some College	62 118	31
## 767	286 147	4 30	Some College	68 147	33
## 768	289 144	2 20	High School	62 106	25
## 769	292 128	3 30	High School	64 127	31
## 770	318 137	0 19	High School	64 110	23
## 771	289 104	4 24	Some High School	60 104	26
## 772	271 120	2 32	High School	63 130	32
## 773	277 112	0 23	College	64 118	25
## 774	286 138	1 26	Some College	63 111	26
## 775	280 96	1 27	Some College	63 105	30
## 776	285 134	1 35	College	62 134	59
## 777	285 126	1 24	High School	64 140	28
## 778	300 112	1 29	Some College	62 121	29
## 779	313 138	0 27	College	65 111	28
## 780	275 110	2 25	Some High School	63 120	24
## 781	253 83	1 29	College	63 110	38
## 782	288 112	0 20	High School	62 110	23
## 783	286 148	2 38	College	68 160	34
## 784	300 119	0 34	College	63 124	36
## 785	246 86	1 25	Some College	64 113	24
## 786	269 110	2 38	College	63 145	43
## 787	282 126	3 23	High School	61 120	29
## 788	272 125	1 30	Some College	60 96	51
## 789	252 136	2 27	High School	63 130	33
## 790	283 127	0 29	College	64 119	34
## 791	272 84	3 25	Some High School	64 150	27
## 792	278 131	3 22	Some College	66 124	23
## 793	286 123	0 21	High School	67 130	26
## 794	282 96	0 30	College	68 127	29
## 795	286 110	2 26	High School	62 100	29
## 796	282 123	2 29	High School	68 164	33
## 797	286 152	0 19	High School	67 135	19
## 798	288 127	1 28	High School	65 155	25
## 799	269 117	0 21	High School	64 149	27
## 800	277 125	2 29	Some College	66 139	38
## 801	273 139	2 29	College	68 130	28
## 802	280 114	2 31	Some College	66 134	30
## 803	280 96	0 34	College	62 127	34
## 804	289 124	3 29	High School	63 110	32
## 805	272 107	3 30	Some College	64 140	38
## 806	277 113	3 38	College	64 108	NA
## 807	292 98	0 20	Some College	65 124	29
## 808	285 119	0 28	College	65 127	31

## 809	268 107	3 37	Some High School	58 112	56
## 810	255 117	2 26	High School	61 120	32
## 811	305 117	1 24	College	64 155	24
## 812	276 144	1 23	High School	67 129	25
## 813	268 136	2 30	College	63 132	32
## 814	278 121	1 28	Some College	69 132	29
## 815	282 165	1 29	College	66 145	29
## 816	279 120	6 38	High School	64 124	38
## 817	280 125	3 30	High School	65 130	32
## 818	285 137	1 29	High School	65 110	29
## 819	288 100	0 28	Some High School	61 108	35
## 820	284 134	2 28	High School	62 112	28
## 821	262 88	2 20	Some High School	65 118	19
## 822	291 108	2 39	Some College	65 135	43
## 823	271 123	3 41	High School	64 162	43
## 824	277 141	3 38	Some College	66 162	50
## 825	270 130	0 19	Some College	66 130	24
## 826	299 139	0 20	High School	67 112	20
## 827	283 130	3 32	High School	65 118	38
## 828	289 113	0 26	Some College	59 91	27
## 829	238 77	0 23	Some College	63 103	26
## 830	228 62	1 24	Some College	61 107	25
## 831	245 93	1 33	High School	61 100	22
## 832	275 109	0 37	High School	63 112	31
## 833	283 145	5 27	Some High School	65 125	25
## 834	224 92	2 19	Some High School	63 134	21
## 835	281 120	1 26	High School	61 115	30
## 836	284 135	1 39	Some High School	67 141	43
## 837	287 113	4 36	College	63 118	40
## 838	251 126	0 28	College	64 123	27
## 839	270 143	0 27	College	70 148	32
## 840	282 128	0 25	College	64 125	33
## 841	262 98	2 22	Some College	67 120	22
## 842	306 110	0 32	High School	61 122	33
## 843	284 162	4 27	Some High School	64 126	29
## 844	292 116	0 20	High School	65 118	25
## 845	284 128	1 23	Some College	62 110	25
## 846	275 111	0 18	Some High School	61 108	19
## 847	280 137	3 34	College	60 107	34
## 848	278 134	2 28	High School	NA 126	28
## 849	264 100	2 29	High School	64 120	29
## 850	271 160	3 32	Some College	67 215	34
## 851	267 112	0 22	High School	62 138	24
## 852	297 134	1 27	High School	67 170	29
## 853	308 145	2 35	Some High School	64 110	NA
## 854	295 116	9 32	Some High School	65 120	35
## 855	278 126	4 26	Some High School	64 150	31
## 856	285 111	2 29	College	65 130	30
## 857	282 126	3 33	High School	62 117	39
## 858	291 109	3 39	High School	64 107	41
## 859	291 136	3 41	Trade	66 191	43
## 860	286 119	4 22	Some High School	63 185	29
## 861	267 103	0 21	High School	66 150	22
## 862	284 124	0 17	Some High School	62 112	21

## 863	286 155	6 31	Some High School	66 127	41
## 864	282 122	0 21	Some College	66 110	25
## 865	285 113	2 26	Some High School	66 140	35
## 866	273 122	1 26	Some College	66 210	27
## 867	293 126	0 27	College	62 111	26
## 868	277 116	2 41	Trade	64 124	44
## 869	294 102	1 21	Some High School	65 130	23
## 870	181 110	7 27	Some High School	64 133	29
## 871	285 133	0 30	College	64 160	34
## 872	283 125	3 29	College	65 125	31
## 873	286 164	0 32	High School	66 143	31
## 874	297 133	3 36	Some High School	61 125	38
## 875	300 135	1 25	College	64 NA	31
## 876	293 124	0 19	High School	65 150	20
## 877	306 122	0 22	Some College	62 100	36
## 878	271 121	0 34	College	63 129	27
## 879	272 100	2 30	Some College	64 150	31
## 880	NA 129	0 19	High School	61 110	19
## 881	266 90	0 26	Some College	67 135	26
## 882	272 128	0 18	Some High School	67 109	20
## 883	280 116	0 22	Some College	59 NA	28
## 884	276 86	0 23	High School	65 125	24
## 885	282 123	1 30	Some College	63 118	29
## 886	275 87	3 28	Some College	63 110	30
## 887	291 128	0 27	High School	63 132	31
## 888	288 120	1 28	College	63 125	31
## 889	301 125	0 35	College	68 181	35
## 890	265 118	2 27	College	61 123	27
## 891	284 116	0 24	College	66 117	29
## 892	262 131	1 22	Some College	67 135	26
## 893	286 151	0 22	Some College	66 130	23
## 894	273 88	1 20	Some High School	66 110	23
## 895	284 137	4 30	Some College	67 110	31
## 896	289 127	1 23	College	67 140	26
## 897	278 96	0 18	Some High School	60 120	22
## 898	281 129	2 31	High School	67 155	37
## 899	288 128	0 26	College	65 114	32
## 900	255 85	1 24	High School	68 159	26
## 901	281 111	0 27	College	64 112	31
## 902	275 124	1 28	Unknown	61 116	27
## 903	292 112	0 28	College	62 110	28
## 904	281 115	4 28	Some College	61 128	30
## 905	271 72	7 39	Some College	61 136	57
## 906	281 122	0 24	Some College	65 137	45
## 907	291 116	6 26	Some High School	66 153	30
## 908	272 127	2 20	Some High School	64 130	22
## 909	266 90	2 23	Some High School	61 99	24
## 910	273 99	0 27	College	59 115	28
## 911	307 144	0 26	College	66 125	28
## 912	280 138	0 30	Some High School	65 175	30
## 913	245 58	6 34	Some College	64 156	41
## 914	265 109	0 24	High School	63 107	25
## 915	277 110	0 19	Some College	62 160	23
## 916	278 129	1 27	Some College	63 128	39

## 917	284 150	4 40	Some High School	67 130	40
## 918	279 128	2 27	High School	66 135	26
## 919	284 142	0 31	College	66 137	44
## 920	268 115	0 31	Some College	64 125	35
## 921	274 108	3 28	Some High School	66 175	36
## 922	283 108	1 35	Some College	62 108	34
## 923	281 139	2 27	Some College	63 137	33
## 924	275 115	3 25	Some High School	61 155	33
## 925	288 136	1 23	High School	62 217	28
## 926	289 163	0 25	Some College	64 126	31
## 927	285 131	3 26	High School	64 130	27
## 928	238 77	3 38	High School	67 135	39
## 929	283 124	0 33	College	67 156	35
## 930	270 104	0 26	College	62 115	28
## 931	267 102	0 24	High School	61 109	30
## 932	268 94	4 30	Some High School	62 105	32
## 933	295 158	0 37	Some College	70 137	33
## 934	275 112	0 21	High School	68 143	27
## 935	286 119	2 26	College	64 123	30
## 936	279 97	5 29	Some High School	68 178	42
## 937	252 99	1 21	High School	64 120	22
## 938	264 115	0 23	Some College	67 134	27
## 939	284 139	9 37	Trade	61 121	37
## 940	304 144	0 27	No High School	58 102	27
## 941	270 99	1 22	Some High School	63 115	27
## 942	280 105	0 22	College	63 116	25
## 943	275 89	2 34	Trade	66 170	NA
## 944	270 129	10 43	No High School	67 160	46
## 945	270 119	0 20	High School	64 109	21
## 946	291 114	5 35	High School	60 112	35
## 947	289 106	1 28	College	67 120	29
## 948	292 122	0 34	High School	65 133	36
## 949	261 136	1 24	Some High School	65 110	25
## 950	286 121	0 22	Some High School	69 130	24
## 951	282 112	2 26	High School	65 122	29
## 952	266 112	2 26	Some College	64 122	28
## 953	314 123	1 22	Some High School	61 121	23
## 954	286 139	1 33	High School	65 125	36
## 955	290 125	3 36	High School	59 105	43
## 956	295 105	0 20	High School	64 112	23
## 957	276 130	6 41	Some College	68 130	48
## 958	294 146	2 22	Some High School	66 145	22
## 959	290 133	1 21	High School	64 145	22
## 960	296 147	0 19	High School	67 124	23
## 961	269 109	1 23	Trade	63 113	25
## 962	286 122	2 23	High School	64 120	27
## 963	260 135	4 43	Trade	65 135	45
## 964	NA 107	1 19	Some High School	60 118	22
## 965	272 117	4 32	Some College	66 118	33
## 966	284 138	3 30	Some College	66 133	34
## 967	283 120	2 28	High School	64 122	29
## 968	273 119	2 35	High School	65 125	50
## 969	278 118	0 19	High School	62 126	37
## 970	330 105	3 23	High School	64 112	25

## 971	306 113	0 21	Some College	65 137	25
## 972	NA 136	13 36	High School	66 135	39
## 973	291 148	0 21	High School	63 115	21
## 974	281 140	0 22	Some College	69 135	30
## 975	287 134	0 33	Some College	67 131	37
## 976	280 120	2 31	High School	61 111	36
## 977	296 123	0 26	College	64 110	26
## 978	275 102	2 43	High School	64 160	47
## 979	204 55	11 35	Trade	65 140	36
## 980	276 103	0 19	High School	63 149	22
## 981	283 123	2 21	High School	65 110	23
## 982	270 105	0 27	College	65 134	26
## 983	289 138	3 33	College	65 155	52
## 984	281 128	3 28	Trade	63 150	31
## 985	285 139	3 30	Some High School	65 129	32
## 986	288 104	0 27	High School	61 122	30
## 987	296 159	0 27	Trade	64 112	36
## 988	276 118	3 29	High School	62 130	31
## 989	285 99	2 25	High School	69 128	30
## 990	281 144	1 20	High School	63 120	23
## 991	270 121	2 25	High School	62 108	26
## 992	265 117	0 24	Some College	66 98	22
## 993	293 119	0 23	Some College	65 127	28
## 994	281 105	0 19	High School	61 130	28
## 995	283 125	6 37	Trade	63 145	40
## 996	259 119	6 37	Some High School	62 130	51
## 997	273 101	5 39	High School	60 113	44
## 998	277 105	0 25	High School	64 156	28
## 999	281 110	1 27	Trade	60 110	25
## 1000	270 100	0 21	Some College	65 132	24
## 1001	284 98	1 29	College	68 140	37
## 1002	276 127	8 37	Some High School	64 159	43
## 1003	324 117	1 22	Some High School	62 164	26
## 1004	278 122	1 37	Unknown	68 114	37
## 1005	273 122	0 23	Some College	64 130	25
## 1006	281 118	0 36	Some High School	66 140	42
## 1007	303 137	0 23	College	66 127	25
## 1008	275 120	2 32	College	63 115	31
## 1009	285 143	2 27	Some College	68 185	36
## 1010	270 108	2 29	High School	67 124	25
## 1011	284 131	0 19	High School	61 114	20
## 1012	277 110	2 36	College	61 116	37
## 1013	276 105	1 20	High School	62 112	24
## 1014	274 133	1 30	High School	63 NA	38
## 1015	255 125	2 23	Some College	63 133	21
## 1016	258 78	0 24	Some College	66 115	25
## 1017	289 114	3 36	College	60 115	37
## 1018	278 111	1 29	Some College	65 145	32
## 1019	250 103	5 40	Some High School	59 140	40
## 1020	276 114	1 26	Some College	62 127	27
## 1021	247 75	9 36	Some High School	64 120	29
## 1022	296 169	2 33	Some High School	67 185	33
## 1023	271 94	4 36	Some High School	61 130	38
## 1024	287 150	6 36	High School	62 135	36

## 1025	248 144	1 30	High School	70 145	31
## 1026	291 144	1 28	High School	67 130	33
## 1027	313 143	1 20	High School	68 150	26
## 1028	304 145	0 25	High School	63 109	44
## 1029	285 121	2 34	College	64 110	36
## 1030	256 105	3 31	College	66 142	38
## 1031	286 134	1 25	College	64 125	27
## 1032	294 129	0 21	Some College	65 132	21
## 1033	276 114	1 24	Some College	63 110	28
## 1034	265 97	2 30	High School	61 110	30
## 1035	292 160	2 28	College	64 120	29
## 1036	237 65	3 31	Some College	67 130	32
## 1037	288 145	3 28	Some College	64 116	29
## 1038	273 95	1 23	Some College	60 90	29
## 1039	293 139	0 21	Some College	69 130	32
## 1040	288 123	1 27	College	63 125	34
## 1041	283 109	1 23	High School	65 112	24
## 1042	268 110	2 34	Some College	64 127	32
## 1043	296 122	0 24	College	65 132	25
## 1044	307 115	3 34	College	65 128	38
## 1045	323 117	2 26	Some High School	62 NA	45
## 1046	279 108	0 19	High School	64 115	29
## 1047	287 120	2 23	High School	67 116	29
## 1048	269 131	3 36	High School	68 145	29
## 1049	283 136	0 24	College	63 119	23
## 1050	290 125	4 32	High School	63 135	36
## 1051	285 96	0 20	High School	66 117	29
## 1052	282 102	0 29	College	65 125	25
## 1053	288 102	0 18	High School	65 117	20
## 1054	277 112	0 22	Some College	67 120	23
## 1055	272 135	2 30	Some College	65 130	39
## 1056	266 91	3 23	Some High School	60 120	26
## 1057	276 129	1 31	College	63 125	33
## 1058	290 155	1 26	High School	66 129	27
## 1059	274 109	2 33	High School	69 144	38
## 1060	262 80	0 31	College	61 100	34
## 1061	273 125	4 30	High School	64 145	34
## 1062	284 94	5 24	High School	63 104	24
## 1063	281 148	2 27	High School	63 110	27
## 1064	277 73	1 29	High School	65 145	30
## 1065	267 123	0 19	Some High School	66 132	22
## 1066	232 65	1 24	Trade	66 125	28
## 1067	279 118	0 21	High School	64 108	22
## 1068	283 102	2 39	High School	60 119	37
## 1069	280 120	3 24	High School	61 118	28
## 1070	270 108	0 21	Some College	65 130	23
## 1071	280 122	0 45	Some College	62 128	62
## 1072	268 103	4 32	High School	62 97	33
## 1073	312 105	5 41	No High School	61 115	41
## 1074	273 126	0 25	College	68 135	25
## 1075	316 145	2 22	Some High School	67 142	23
## 1076	293 139	1 34	High School	66 131	37
## 1077	290 124	1 26	Some College	65 165	25
## 1078	282 121	3 30	Some High School	65 122	37

## 1079	299 126	0 21	High School	60 114	27
## 1080	286 119	0 33	College	67 137	NA
## 1081	277 114	0 19	High School	63 107	19
## 1082	272 118	1 23	High School	64 113	23
## 1083	295 127	6 36	Some College	65 145	34
## 1084	290 117	0 22	High School	67 110	26
## 1085	277 137	4 41	College	65 126	37
## 1086	292 133	4 29	Some College	65 135	31
## 1087	264 100	3 28	High School	60 111	27
## 1088	273 107	0 26	Some College	65 135	27
## 1089	276 115	0 20	Some College	62 105	21
## 1090	292 91	0 26	High School	61 113	30
## 1091	287 112	1 27	College	64 110	31
## 1092	289 125	0 31	College	61 120	29
## 1093	291 157	6 33	High School	65 121	35
## 1094	256 108	0 26	College	67 130	24
## 1095	279 130	5 31	High School	62 122	31
## 1096	289 135	4 25	High School	64 127	25
## 1097	277 123	1 24	Some College	66 122	23
## 1098	281 100	2 24	High School	61 115	32
## 1099	277 124	0 23	High School	64 104	22
## 1100	284 174	7 39	High School	65 163	39
## 1101	278 129	3 26	Some College	67 146	30
## 1102	275 119	1 27	High School	59 113	29
## 1103	272 126	0 35	High School	61 120	33
## 1104	267 128	4 37	Trade	61 142	42
## 1105	282 116	0 19	Some High School	64 124	19
## 1106	285 100	1 18	Some High School	68 127	22
## 1107	285 96	2 37	College	66 135	31
## 1108	279 131	0 20	Some College	68 122	24
## 1109	292 110	2 35	Some College	62 127	37
## 1110	278 108	3 28	High School	63 125	31
## 1111	275 129	1 24	High School	65 135	29
## 1112	285 141	1 23	Some College	67 150	22
## 1113	276 110	5 31	Some College	70 155	34
## 1114	273 118	2 21	Some High School	63 120	26
## 1115	267 111	0 24	Some College	60 115	26
## 1116	297 160	1 20	Some High School	68 136	31
## 1117	280 120	1 30	High School	60 115	33
## 1118	281 121	3 29	Trade	63 108	31
## 1119	282 113	2 30	Trade	64 118	30
## 1120	270 117	2 23	Some High School	58 115	35
## 1121	267 158	1 35	High School	64 125	36
## 1122	277 128	2 39	High School	61 120	41
## 1123	289 158	3 30	Some College	66 140	30
## 1124	289 133	1 22	Some High School	65 123	26
## 1125	298 163	3 37	High School	61 98	35
## 1126	282 128	0 19	Some College	66 118	21
## 1127	271 126	0 21	Some College	60 105	21
## 1128	283 127	5 42	Some High School	62 154	48
## 1129	287 134	5 40	High School	63 118	41
## 1130	274 140	5 41	Some College	63 122	43
## 1131	285 102	2 29	High School	63 117	34
## 1132	252 100	1 24	High School	61 150	25

## 1133	295 120	3 29	Some High School	59 100	30
## 1134	279 98	0 18	Some High School	65 115	19
## 1135	246 130	1 19	High School	62 118	21
## 1136	280 104	1 41	College	63 118	44
## 1137	285 122	1 31	Some College	62 102	27
## 1138	276 137	0 25	College	64 127	27
## 1139	285 114	0 20	High School	61 104	25
## 1140	236 63	0 24	College	58 99	26
## 1141	318 98	1 23	Some College	63 107	24
## 1142	268 99	2 32	Some College	63 124	33
## 1143	238 89	0 26	High School	64 136	25
## 1144	283 117	1 22	High School	65 142	23
## 1145	281 143	5 29	High School	67 132	33
## 1146	279 106	3 29	High School	63 125	32
## 1147	246 99	2 35	Trade	62 106	40
## 1148	300 156	4 27	High School	65 120	39
## 1149	266 72	0 25	Some High School	66 200	29
## 1150	266 75	3 37	Trade	61 113	36
## 1151	285 97	2 35	Some College	61 112	33
## 1152	264 106	5 41	High School	64 114	42
## 1153	225 91	1 18	Some High School	68 117	24
## 1154	269 117	0 28	College	61 99	30
## 1155	284 117	1 25	College	66 177	34
## 1156	291 112	3 23	Some High School	66 145	24
## 1157	270 112	1 29	College	61 124	40
## 1158	293 141	4 28	High School	61 125	31
## 1159	259 131	1 19	Some High School	63 134	20
## 1160	290 130	1 19	High School	65 123	21
## 1161	270 132	2 26	High School	67 140	34
## 1162	265 114	1 23	High School	67 130	25
## 1163	291 160	3 34	Some High School	64 110	29
## 1164	283 106	2 24	Some College	63 119	31
## 1165	260 84	0 20	High School	64 104	20
## 1166	268 112	0 25	College	59 103	30
## 1167	311 139	4 37	High School	66 135	39
## 1168	267 104	7 30	Trade	63 180	33
## 1169	294 130	4 32	High School	63 110	36
## 1170	254 71	2 19	Some High School	61 145	24
## 1171	270 82	2 21	Some High School	65 150	29
## 1172	280 119	0 21	Trade	64 128	22
## 1173	353 123	1 26	High School	63 115	28
## 1174	278 115	1 27	Some College	59 95	32
## 1175	289 124	0 21	Trade	67 145	22
## 1176	292 138	1 25	Trade	65 130	26
## 1177	276 88	5 25	Some High School	63 103	35
## 1178	305 146	2 23	Some College	NA NA	26
## 1179	241 128	0 17	Some High School	64 126	20
## 1180	274 82	1 31	Some College	64 101	34
## 1181	274 100	2 24	Some College	63 113	26
## 1182	271 114	5 32	College	61 130	34
## 1183	269 97	1 20	High School	65 137	21
## 1184	298 126	1 24	No High School	61 112	38
## 1185	275 122	0 20	Trade	65 127	22
## 1186	295 152	1 39	High School	62 140	36

## 1187	274 116	1 21	High School	62 110	23
## 1188	302 132	6 36	Some High School	63 145	38
## 1189	260 84	0 37	College	66 140	41
## 1190	277 119	0 18	Some High School	61 89	26
## 1191	275 104	2 24	Some College	NA NA	30
## 1192	312 106	6 24	Some High School	62 135	25
## 1193	NA 124	0 39	High School	65 228	38
## 1194	291 139	1 24	High School	65 160	27
## 1195	273 103	6 36	Some High School	65 158	40
## 1196	299 112	1 24	Some High School	67 145	31
## 1197	276 96	2 33	College	64 127	36
## 1198	281 102	0 19	Some High School	67 135	22
## 1199	300 120	9 34	High School	63 150	35
## 1200	338 102	2 19	Some High School	64 170	24
## 1201	255 97	0 22	High School	63 107	25
## 1202	285 113	1 22	Some College	70 145	27
## 1203	297 130	4 32	High School	58 130	34
## 1204	260 97	0 25	College	63 115	32
## 1205	273 116	4 31	College	61 120	31
## 1206	266 114	1 29	High School	64 113	36
## 1207	242 127	1 17	Some High School	61 135	19
## 1208	247 87	0 18	Some High School	66 125	24
## 1209	281 141	6 29	High School	54 156	37
## 1210	283 144	0 25	High School	66 140	27
## 1211	273 116	5 33	Some College	66 130	34
## 1212	265 75	1 21	Some High School	65 103	29
## 1213	286 138	0 28	High School	68 120	26
## 1214	271 99	4 39	Some High School	69 151	39
## 1215	293 118	1 21	High School	63 103	24
## 1216	267 152	3 28	High School	NA 119	28
## 1217	266 97	4 24	Some High School	62 109	26
## 1218	319 146	2 28	High School	66 145	33
## 1219	285 81	2 19	Some High School	63 150	25
## 1220	321 110	2 28	High School	66 180	32
## 1221	284 135	0 19	High School	60 95	24
## 1222	290 114	0 21	Some College	65 120	22
## 1223	288 124	0 21	Some College	64 116	22
## 1224	262 115	0 23	High School	64 136	24
## 1225	281 143	4 28	Some High School	65 135	44
## 1226	287 113	0 29	College	70 145	32
## 1227	244 109	0 21	Trade	63 102	22
## 1228	278 103	2 30	Some High School	60 87	24
## 1229	276 118	1 34	Some College	64 116	37
## 1230	290 127	2 27	Some College	65 121	42
## 1231	270 132	3 27	High School	65 126	35
## 1232	275 113	0 27	College	60 100	32
## 1233	265 128	1 24	College	67 120	24
## 1234	291 130	4 30	High School	65 150	30
## 1235	281 125	0 21	Some College	65 110	27
## 1236	297 117	4 38	Some College	65 129	34
##	ded dht dwt marital	inc	smoke		
## 1	College	65 110 Married	[2500, 5000)	Never	
## 2	College	70 148 Married	[7000, 8000)	Never	
## 3	Some High School	NA NA Married	[5000, 6000)	Now	

## 4	Some College	68	197	Married	[12500, 15000)	Once, Not Now
## 5	College	NA	NA	Married	[2500, 5000)	Now
## 6	High School	64	130	Married	[7000, 8000)	Until Pregnant
## 7	Some College	NA	NA	Married	Unknown	Never
## 8	Some College	71	192	Married	[5000, 6000)	Never
## 9	Some High School	70	180	<NA>	[5000, 6000)	Never
## 10	College	NA	NA	Married	[5000, 6000)	Now
## 11	Some College	NA	NA	Married	Unknown	Once, Not Now
## 12	Some High School	74	185	Married	[5000, 6000)	Now
## 13	High School	NA	NA	Married	[5000, 6000)	Now
## 14	College	NA	NA	Married	[5000, 6000)	Now
## 15	No High School	NA	NA	Married	[2500, 5000)	Never
## 16	No High School	71	205	Married	[2500, 5000)	Never
## 17	Some High School	NA	NA	Married	[2500, 5000)	Now
## 18	High School	70	140	Married	[7000, 8000)	Now
## 19	Some College	NA	NA	Married	[10000, 12500)	Never
## 20	High School	73	195	Married	[8000, 9000)	Now
## 21	Some High School	NA	NA	Married	[6000, 7000)	Never
## 22	Some College	73	180	Married	[6000, 7000)	Now
## 23	College	70	150	Married	[5000, 6000)	Until Pregnant
## 24	Some High School	73	196	Married	[5000, 6000)	Never
## 25	Some College	NA	NA	Married	[5000, 6000)	Until Pregnant
## 26	Some High School	NA	NA	Married	[9000, 10000)	Now
## 27	High School	68	200	Married	[5000, 6000)	Until Pregnant
## 28	High School	NA	NA	Married	[5000, 6000)	Now
## 29	College	67	135	Married	[2500, 5000)	Never
## 30	College	70	168	Married	[9000, 10000)	Now
## 31	High School	NA	NA	Married	[6000, 7000)	Never
## 32	High School	70	140	Married	[7000, 8000)	Until Pregnant
## 33	High School	66	210	Married	[10000, 12500)	Once, Not Now
## 34	High School	70	190	Married	[5000, 6000)	Never
## 35	College	NA	NA	Married	< 2500	Never
## 36	High School	71	185	Married	[5000, 6000)	Never
## 37	College	71	160	Married	[7000, 8000)	Once, Not Now
## 38	Some High School	71	178	Married	[2500, 5000)	Now
## 39	College	71	200	Married	[10000, 12500)	Now
## 40	Some College	NA	NA	Married	[6000, 7000)	Never
## 41	Some College	67	130	Married	[6000, 7000)	Never
## 42	College	NA	NA	Married	[5000, 6000)	Never
## 43	Unknown	65	168	Married	Unknown	Now
## 44	High School	66	178	Married	[5000, 6000)	Until Pregnant
## 45	High School	72	155	Married	[12500, 15000)	Now
## 46	College	NA	NA	Married	[7000, 8000)	Now
## 47	High School	69	150	Married	[2500, 5000)	Once, Not Now
## 48	High School	66	150	Married	[5000, 6000)	Never
## 49	College	71	170	Married	[2500, 5000)	Never
## 50	Some College	67	165	Married	[7000, 8000)	Now
## 51	Trade	NA	NA	Married	[5000, 6000)	Never
## 52	High School	72	165	Married	[9000, 10000)	Now
## 53	College	NA	NA	Married	[9000, 10000)	Never
## 54	Some College	69	200	Married	[7000, 8000)	Never
## 55	College	71	160	Married	[7000, 8000)	Until Pregnant
## 56	High School	70	165	Married	[7000, 8000)	Never
## 57	High School	73	190	Married	[6000, 7000)	Now

## 58	Some High School	69	195	Married	[6000, 7000)	Once, Not Now
## 59	Some High School	72	189	Married	Unknown	Never
## 60	College	NA	NA	Married	[10000, 12500)	Once, Not Now
## 61	High School	71	170	Married	[2500, 5000)	Never
## 62	College	76	195	Married	[2500, 5000)	Never
## 63	Some College	NA	NA	Married	[6000, 7000)	Now
## 64	High School	72	174	Married	[5000, 6000)	Now
## 65	College	71	180	Married	[12500, 15000)	Now
## 66	High School	68	192	Married	[10000, 12500)	Now
## 67	High School	74	168	Married	[5000, 6000)	Never
## 68	College	72	170	Married	[2500, 5000)	Now
## 69	High School	71	170	Married	[7000, 8000)	Now
## 70	Some High School	69	165	Married	[6000, 7000)	Once, Not Now
## 71	Some College	NA	NA	Married	[6000, 7000)	Never
## 72	Some High School	69	190	Married	Unknown	Never
## 73	High School	70	165	Married	[5000, 6000)	Now
## 74	College	72	175	Married	[6000, 7000)	Never
## 75	Some High School	NA	NA	Married	[7000, 8000)	Now
## 76	Some High School	69	163	Married	[5000, 6000)	Never
## 77	Some College	65	160	Married	[5000, 6000)	Now
## 78	College	73	155	Married	Unknown	Never
## 79	College	NA	NA	Married	[8000, 9000)	Once, Not Now
## 80	High School	72	198	Married	[5000, 6000)	Now
## 81	Some College	66	168	Married	[8000, 9000)	Until Pregnant
## 82	High School	70	180	Married	[5000, 6000)	Never
## 83	College	73	160	Married	[5000, 6000)	Once, Not Now
## 84	College	NA	NA	Married	[8000, 9000)	Now
## 85	Some College	NA	NA	Married	[6000, 7000)	Never
## 86	College	75	185	Married	Unknown	Now
## 87	College	NA	NA	Married	[5000, 6000)	Never
## 88	College	NA	NA	Married	15000+	Never
## 89	Some College	NA	NA	Married	[8000, 9000)	Now
## 90	Some College	74	170	Married	[9000, 10000)	Now
## 91	High School	NA	NA	Married	Unknown	Never
## 92	College	66	150	Married	[10000, 12500)	Never
## 93	Some College	NA	NA	Married	[10000, 12500)	Never
## 94	College	NA	NA	Married	[8000, 9000)	Once, Not Now
## 95	Some High School	71	145	Married	[6000, 7000)	Now
## 96	High School	71	210	Married	[6000, 7000)	Never
## 97	High School	NA	NA	Married	Unknown	Now
## 98	Trade	74	165	Married	[8000, 9000)	Never
## 99	College	71	168	Married	15000+	Once, Not Now
## 100	Some College	70	185	Married	[12500, 15000)	Until Pregnant
## 101	High School	NA	NA	Married	[5000, 6000)	Now
## 102	College	74	155	Married	15000+	Never
## 103	No High School	66	185	Married	[2500, 5000)	Never
## 104	Some High School	NA	NA	Married	[8000, 9000)	Now
## 105	Some High School	NA	NA	Married	[10000, 12500)	Now
## 106	College	NA	NA	Married	[9000, 10000)	Until Pregnant
## 107	Trade	70	180	Married	[6000, 7000)	Never
## 108	Some College	NA	NA	Married	[10000, 12500)	Never
## 109	College	NA	NA	Married	[10000, 12500)	Never
## 110	Some College	NA	NA	Married	[6000, 7000)	Never
## 111	Some College	66	145	Married	[2500, 5000)	Now

## 112	College	70	160	Married	[6000, 7000)	Never
## 113	High School	NA	NA	Married	< 2500	Now
## 114	Some High School	NA	NA	Married	[2500, 5000)	Never
## 115	College	71	157	Married	[7000, 8000)	Now
## 116	Unknown	70	150	Married	[5000, 6000)	Until Pregnant
## 117	Some High School	NA	NA	Married	[8000, 9000)	Now
## 118	High School	73	167	Married	[5000, 6000)	Never
## 119	Some College	72	185	Married	[12500, 15000)	Once, Not Now
## 120	High School	69	235	Married	[8000, 9000)	Now
## 121	Some College	NA	NA	Married	[5000, 6000)	Never
## 122	High School	73	170	Married	[5000, 6000)	Never
## 123	College	70	175	Married	[7000, 8000)	Never
## 124	Some College	71	170	Married	[10000, 12500)	Never
## 125	College	74	150	Married	[12500, 15000)	Never
## 126	High School	67	150	Married	[5000, 6000)	Now
## 127	Some College	NA	NA	Married	[6000, 7000)	Until Pregnant
## 128	College	67	186	Married	[8000, 9000)	Now
## 129	High School	69	175	Married	[8000, 9000)	Never
## 130	Some High School	NA	NA	Married	[6000, 7000)	Never
## 131	High School	68	158	Married	[6000, 7000)	Never
## 132	High School	NA	NA	Married	[7000, 8000)	Now
## 133	Some High School	NA	NA	Married	[8000, 9000)	Now
## 134	High School	71	153	Married	Unknown	Never
## 135	College	NA	NA	Married	[5000, 6000)	Now
## 136	Some High School	NA	NA	Married	[9000, 10000)	Never
## 137	College	NA	NA	Married	[5000, 6000)	Once, Not Now
## 138	Some College	NA	NA	Married	Unknown	Never
## 139	High School	NA	NA	Married	[2500, 5000)	Now
## 140	Some High School	NA	NA	Married	Unknown	Never
## 141	College	68	128	Married	[6000, 7000)	Now
## 142	Some College	70	180	Married	[8000, 9000)	Until Pregnant
## 143	High School	NA	NA	Married	[5000, 6000)	Once, Not Now
## 144	College	66	160	Married	[10000, 12500)	Never
## 145	Some College	NA	NA	Once	< 2500	Now
## 146	High School	71	165	Married	[5000, 6000)	Never
## 147	No High School	72	165	Married	[5000, 6000)	Never
## 148	Trade	74	205	Married	[9000, 10000)	Now
## 149	High School	73	185	Married	[8000, 9000)	Now
## 150	No High School	69	181	Married	Unknown	Never
## 151	College	72	165	Married	[5000, 6000)	Never
## 152	College	NA	NA	Married	[10000, 12500)	Once, Not Now
## 153	Some High School	NA	NA	Married	[5000, 6000)	Never
## 154	High School	70	170	Married	[2500, 5000)	Never
## 155	High School	NA	NA	Married	[7000, 8000)	Now
## 156	No High School	64	155	Married	[2500, 5000)	Never
## 157	Unknown	NA	NA	Married	[9000, 10000)	Now
## 158	Some College	NA	NA	Married	[5000, 6000)	Now
## 159	College	70	160	Married	[10000, 12500)	Never
## 160	Trade	67	180	Married	[7000, 8000)	Never
## 161	College	NA	NA	Married	[2500, 5000)	Once, Not Now
## 162	Some High School	71	185	Married	[5000, 6000)	Never
## 163	No High School	NA	NA	Married	[5000, 6000)	Never
## 164	Some College	71	167	Married	[7000, 8000)	Never
## 165	College	NA	NA	Married	[2500, 5000)	Once, Not Now

## 166	Some High School	67	156	Married	[5000, 6000)	Now
## 167	College	72	145	Married	[2500, 5000)	Once, Not Now
## 168	Some College	NA	NA	Married	[8000, 9000)	Now
## 169	Some College	70	160	Married	[6000, 7000)	Now
## 170	High School	NA	NA	Married	[6000, 7000)	Unknown
## 171	High School	70	165	Married	[6000, 7000)	Never
## 172	Some College	NA	NA	Married	[10000, 12500)	Now
## 173	College	73	165	Married	[5000, 6000)	Never
## 174	Some College	66	138	Married	[6000, 7000)	Never
## 175	College	72	172	Married	[6000, 7000)	Never
## 176	Some High School	72	220	Married	[6000, 7000)	Now
## 177	College	72	225	Married	[5000, 6000)	Never
## 178	High School	NA	NA	Married	[2500, 5000)	Now
## 179	Some College	69	149	Married	[9000, 10000)	Never
## 180	College	69	165	Married	[6000, 7000)	Until Pregnant
## 181	High School	NA	NA	Married	[7000, 8000)	Never
## 182	Some High School	NA	NA	Married	[2500, 5000)	Now
## 183	Some College	67	185	Married	[5000, 6000)	Never
## 184	Some High School	74	220	Once	[10000, 12500)	Never
## 185	College	NA	NA	Married	[2500, 5000)	Never
## 186	Some College	71	170	Married	[10000, 12500)	Now
## 187	College	72	175	Married	[7000, 8000)	Until Pregnant
## 188	College	68	165	Married	[10000, 12500)	Never
## 189	Some College	74	192	Married	[2500, 5000)	Never
## 190	High School	68	165	Married	[2500, 5000)	Now
## 191	College	NA	NA	Married	[5000, 6000)	Now
## 192	Some High School	72	195	Married	[6000, 7000)	Until Pregnant
## 193	Some College	73	157	Married	[7000, 8000)	Now
## 194	College	NA	NA	Married	[8000, 9000)	Now
## 195	Some College	72	164	Married	[5000, 6000)	Now
## 196	High School	66	140	Married	[2500, 5000)	Never
## 197	High School	66	156	Married	[2500, 5000)	Once, Not Now
## 198	Some College	73	208	Married	[6000, 7000)	Now
## 199	College	NA	NA	Married	[2500, 5000)	Once, Not Now
## 200	College	60	180	Married	[7000, 8000)	Never
## 201	High School	66	150	Married	[6000, 7000)	Never
## 202	Trade	73	185	Married	Unknown	Never
## 203	High School	NA	NA	Married	[5000, 6000)	Now
## 204	Some College	NA	NA	Married	[5000, 6000)	Never
## 205	High School	NA	NA	Married	[2500, 5000)	Never
## 206	College	69	140	Married	[7000, 8000)	Never
## 207	Some High School	NA	NA	Married	[2500, 5000)	Now
## 208	Some College	72	192	Married	[6000, 7000)	Now
## 209	College	72	150	Married	[7000, 8000)	Until Pregnant
## 210	Unknown	68	145	Married	[8000, 9000)	Now
## 211	Some High School	76	235	Married	[7000, 8000)	Now
## 212	College	NA	NA	Married	[10000, 12500)	Never
## 213	High School	NA	NA	Married	[5000, 6000)	Now
## 214	Some College	71	172	Married	[5000, 6000)	Never
## 215	Some College	72	160	Married	[6000, 7000)	Never
## 216	Some High School	NA	NA	Married	[5000, 6000)	Never
## 217	High School	70	230	Married	[5000, 6000)	Once, Not Now
## 218	High School	NA	NA	Married	[6000, 7000)	Never
## 219	College	75	220	Married	[12500, 15000)	Unknown

## 220	High School	71	175	Married	[7000, 8000)	Now
## 221	College	68	160	Married	[7000, 8000)	Until Pregnant
## 222	Trade	68	145	Married	[10000, 12500)	Now
## 223	High School	NA	NA	Married	[5000, 6000)	Never
## 224	High School	66	177	Married	[2500, 5000)	Now
## 225	College	69	145	Married	[10000, 12500)	Never
## 226	Some College	NA	NA	Married	[8000, 9000)	Never
## 227	College	NA	NA	Married	[8000, 9000)	Never
## 228	College	NA	NA	Married	[2500, 5000)	Now
## 229	Some High School	67	135	Married	Unknown	Now
## 230	Some College	NA	NA	Married	[5000, 6000)	Now
## 231	High School	NA	NA	Married	[2500, 5000)	Now
## 232	Some High School	74	212	Married	Unknown	Never
## 233	High School	NA	NA	Married	[9000, 10000)	Now
## 234	High School	73	170	Married	[5000, 6000)	Until Pregnant
## 235	Some College	NA	NA	Married	Unknown	Never
## 236	Some High School	NA	NA	Married	Unknown	Now
## 237	Some High School	68	200	Married	Unknown	Never
## 238	College	69	160	Married	[9000, 10000)	Never
## 239	College	NA	NA	Married	[2500, 5000)	Never
## 240	High School	66	145	Married	[10000, 12500)	Never
## 241	Some High School	68	165	Married	[5000, 6000)	Now
## 242	Some College	71	180	Married	[2500, 5000)	Now
## 243	Some High School	NA	NA	Married	[7000, 8000)	Now
## 244	College	74	212	Married	[5000, 6000)	Now
## 245	High School	76	212	Married	[6000, 7000)	Now
## 246	High School	71	170	Married	[5000, 6000)	Never
## 247	College	NA	NA	Married	[9000, 10000)	Never
## 248	Some High School	62	115	Married	[7000, 8000)	Once, Not Now
## 249	High School	74	200	Married	[6000, 7000)	Once, Not Now
## 250	No High School	72	165	Married	[2500, 5000)	Never
## 251	Unknown	NA	NA	Married	Unknown	Now
## 252	High School	NA	NA	Married	[5000, 6000)	Never
## 253	College	NA	NA	Married	[7000, 8000)	Never
## 254	High School	NA	NA	Married	[7000, 8000)	Now
## 255	High School	74	225	Married	[6000, 7000)	Unknown
## 256	College	69	212	Married	[12500, 15000)	Unknown
## 257	Some College	71	157	Married	[6000, 7000)	Once, Not Now
## 258	High School	66	150	Married	[9000, 10000)	Never
## 259	Some High School	69	160	Married	[2500, 5000)	Never
## 260	High School	NA	NA	Married	Unknown	Now
## 261	Some High School	68	155	<NA>	[5000, 6000)	Never
## 262	High School	73	190	Married	[8000, 9000)	Now
## 263	Some High School	NA	NA	Married	Unknown	Now
## 264	High School	70	180	Married	[9000, 10000)	Never
## 265	Some College	71	157	Married	[9000, 10000)	Once, Not Now
## 266	College	NA	NA	Married	[5000, 6000)	Now
## 267	High School	NA	NA	Married	[6000, 7000)	Once, Not Now
## 268	College	71	168	Married	[8000, 9000)	Never
## 269	Trade	NA	NA	Married	[7000, 8000)	Now
## 270	Trade	71	162	Married	[9000, 10000)	Once, Not Now
## 271	High School	72	150	Married	Unknown	Never
## 272	High School	NA	NA	Married	Unknown	Never
## 273	College	71	190	Married	[7000, 8000)	Until Pregnant

## 274	High School	67	145	Married	[8000, 9000)	Now
## 275	Some College	NA	NA	Married	Unknown	Now
## 276	High School	NA	NA	Married	[7000, 8000)	Never
## 277	Some College	NA	NA	Married	[7000, 8000)	Now
## 278	Some High School	NA	NA	Married	[2500, 5000)	Never
## 279	Trade	72	190	Married	[10000, 12500)	Once, Not Now
## 280	High School	NA	NA	Married	Unknown	Now
## 281	College	NA	NA	Married	[2500, 5000)	Now
## 282	Trade	68	140	Married	[10000, 12500)	Once, Not Now
## 283	High School	NA	NA	Married	[5000, 6000)	Now
## 284	Some High School	NA	NA	Married	[10000, 12500)	Now
## 285	College	72	194	Married	[10000, 12500)	Now
## 286	Some College	NA	NA	Married	[7000, 8000)	Never
## 287	College	NA	NA	Married	Unknown	Now
## 288	High School	NA	NA	Married	[2500, 5000)	Never
## 289	Trade	NA	NA	Married	[5000, 6000)	Never
## 290	College	72	173	Married	[5000, 6000)	Never
## 291	Some High School	NA	NA	Married	[10000, 12500)	Never
## 292	College	69	195	Married	[10000, 12500)	Now
## 293	Some College	NA	NA	Married	[2500, 5000)	Now
## 294	College	71	173	Married	[2500, 5000)	Now
## 295	College	NA	NA	Married	[6000, 7000)	Never
## 296	Some College	68	145	Married	[10000, 12500)	Now
## 297	High School	NA	NA	Married	[6000, 7000)	Until Pregnant
## 298	Some High School	NA	NA	Once	Unknown	Now
## 299	College	NA	NA	Married	[8000, 9000)	Now
## 300	College	NA	NA	Married	[9000, 10000)	Once, Not Now
## 301	Some College	71	195	Married	[5000, 6000)	Never
## 302	High School	75	197	Married	[7000, 8000)	Now
## 303	College	68	156	Married	[8000, 9000)	Once, Not Now
## 304	Some College	NA	NA	Married	[9000, 10000)	Until Pregnant
## 305	Some College	65	160	Married	[9000, 10000)	Until Pregnant
## 306	High School	NA	NA	Never	< 2500	Once, Not Now
## 307	High School	NA	NA	Married	[2500, 5000)	Now
## 308	College	NA	NA	Married	[2500, 5000)	Never
## 309	High School	66	149	Married	[7000, 8000)	Now
## 310	High School	NA	NA	Married	[6000, 7000)	Now
## 311	High School	73	197	Married	< 2500	Now
## 312	Some College	NA	NA	Married	[7000, 8000)	Now
## 313	College	67	150	Married	[10000, 12500)	Once, Not Now
## 314	College	NA	NA	Married	[10000, 12500)	Now
## 315	High School	69	128	Married	[9000, 10000)	Now
## 316	Some College	68	146	Married	[10000, 12500)	Now
## 317	College	NA	NA	Married	[7000, 8000)	Now
## 318	High School	NA	NA	Married	[6000, 7000)	Now
## 319	College	NA	NA	Married	[5000, 6000)	Never
## 320	College	NA	NA	Married	[6000, 7000)	Never
## 321	High School	69	175	Married	[8000, 9000)	Until Pregnant
## 322	College	NA	NA	Married	[5000, 6000)	Never
## 323	College	73	217	Married	[9000, 10000)	Never
## 324	Some College	70	165	Married	[10000, 12500)	Never
## 325	College	74	165	Married	[10000, 12500)	Never
## 326	College	70	155	Married	Unknown	Never
## 327	Some High School	61	140	Married	[2500, 5000)	Now

## 328	College	NA	NA	Married	[6000, 7000)	Now
## 329	College	72	165	Married	[6000, 7000)	Never
## 330	College	NA	NA	Married	[10000, 12500)	Now
## 331	College	69	170	Married	[5000, 6000)	Never
## 332	Some College	NA	NA	Married	[7000, 8000)	Once, Not Now
## 333	Some High School	NA	NA	Married	[6000, 7000)	Now
## 334	Some College	75	185	Married	[5000, 6000)	Once, Not Now
## 335	College	67	165	Married	Unknown	Never
## 336	College	NA	NA	Married	[8000, 9000)	Now
## 337	Some College	NA	NA	Married	[10000, 12500)	Now
## 338	Some College	68	172	Married	[8000, 9000)	Never
## 339	Some High School	66	160	Married	[10000, 12500)	Never
## 340	High School	71	170	Married	[6000, 7000)	Now
## 341	College	74	175	Married	[8000, 9000)	Now
## 342	Some College	71	160	Married	[9000, 10000)	Now
## 343	High School	NA	NA	Married	[7000, 8000)	Now
## 344	High School	72	205	Married	[2500, 5000)	Once, Not Now
## 345	Some High School	72	195	Married	[2500, 5000)	Never
## 346	Some College	73	180	Married	[8000, 9000)	Never
## 347	Some College	68	170	Married	[5000, 6000)	Now
## 348	High School	73	220	Married	[8000, 9000)	Now
## 349	Some College	NA	NA	Married	[2500, 5000)	Now
## 350	College	69	152	Married	[6000, 7000)	Never
## 351	College	NA	NA	Married	[2500, 5000)	Now
## 352	Trade	NA	NA	Married	[7000, 8000)	Never
## 353	High School	NA	NA	Married	Unknown	Now
## 354	High School	71	195	Married	Unknown	Until Pregnant
## 355	Some High School	74	205	Married	Unknown	Now
## 356	High School	73	205	Married	Unknown	Never
## 357	No High School	NA	NA	Married	[7000, 8000)	Never
## 358	College	73	193	Married	[6000, 7000)	Never
## 359	High School	68	175	Married	[2500, 5000)	Now
## 360	College	NA	NA	Married	[9000, 10000)	Now
## 361	Some College	70	145	Married	[5000, 6000)	Never
## 362	Some College	69	165	Married	[8000, 9000)	Now
## 363	High School	69	162	Married	[5000, 6000)	Never
## 364	High School	68	160	Married	[5000, 6000)	Now
## 365	Some College	NA	NA	Married	< 2500	Never
## 366	Some High School	NA	NA	Married	< 2500	Never
## 367	College	70	200	Married	[5000, 6000)	Never
## 368	College	NA	NA	Married	[6000, 7000)	Once, Not Now
## 369	Some High School	72	179	Married	[6000, 7000)	Now
## 370	College	74	170	Married	[8000, 9000)	Never
## 371	College	NA	NA	Married	[2500, 5000)	Never
## 372	Trade	74	158	Married	[9000, 10000)	Until Pregnant
## 373	Some College	NA	NA	Married	[6000, 7000)	Never
## 374	High School	NA	NA	Married	Unknown	Now
## 375	High School	NA	NA	Married	[7000, 8000)	Now
## 376	Some College	NA	NA	Married	[10000, 12500)	Now
## 377	Some College	64	NA	Married	[2500, 5000)	Once, Not Now
## 378	College	63	160	Married	[10000, 12500)	Never
## 379	College	NA	NA	Married	[5000, 6000)	Now
## 380	College	67	140	Married	[6000, 7000)	Never
## 381	College	71	165	Married	[9000, 10000)	Never

## 382	High School	NA	NA	Married	[2500, 5000)	Now
## 383	Some College	74	190	Married	[6000, 7000)	Never
## 384	Some College	NA	NA	Married	[8000, 9000)	Once, Not Now
## 385	Some College	75	200	Married	[6000, 7000)	Never
## 386	College	NA	NA	Married	[6000, 7000)	Never
## 387	College	72	190	Married	[6000, 7000)	Now
## 388	College	NA	NA	Married	[7000, 8000)	Now
## 389	College	71	170	Married	[7000, 8000)	Now
## 390	High School	71	175	Married	Unknown	Never
## 391	High School	74	190	Married	[2500, 5000)	Never
## 392	College	NA	NA	Married	[6000, 7000)	Now
## 393	High School	NA	NA	Married	Unknown	Never
## 394	Some High School	NA	NA	Married	[5000, 6000)	Until Pregnant
## 395	College	74	187	Married	< 2500	Now
## 396	College	73	200	Married	[12500, 15000)	Now
## 397	College	NA	NA	Married	[9000, 10000)	Once, Not Now
## 398	Some College	NA	NA	Married	[9000, 10000)	Now
## 399	College	NA	NA	Married	[6000, 7000)	Never
## 400	College	70	155	Married	[10000, 12500)	Until Pregnant
## 401	High School	NA	NA	Married	[8000, 9000)	Never
## 402	Some College	71	173	Married	[5000, 6000)	Never
## 403	Unknown	64	145	Married	[2500, 5000)	Never
## 404	College	71	170	Married	[6000, 7000)	Never
## 405	College	75	NA	Married	[8000, 9000)	Never
## 406	Some High School	NA	NA	Married	< 2500	Never
## 407	High School	NA	NA	Married	[10000, 12500)	Now
## 408	Trade	65	147	Married	[10000, 12500)	Never
## 409	College	NA	NA	Married	[5000, 6000)	Until Pregnant
## 410	Some High School	69	150	Married	[5000, 6000)	Never
## 411	College	75	180	Married	[6000, 7000)	Once, Not Now
## 412	Some High School	NA	NA	Married	[5000, 6000)	Never
## 413	High School	74	178	Married	[8000, 9000)	Never
## 414	High School	73	175	Married	[5000, 6000)	Never
## 415	College	74	160	Married	[6000, 7000)	Until Pregnant
## 416	Some College	NA	NA	Married	[7000, 8000)	Now
## 417	College	75	215	Married	[10000, 12500)	Never
## 418	College	NA	NA	Married	[9000, 10000)	Now
## 419	Some College	NA	NA	Once	[7000, 8000)	Now
## 420	Some College	NA	NA	Married	Unknown	Never
## 421	High School	NA	NA	Married	[7000, 8000)	Now
## 422	High School	72	205	Married	[6000, 7000)	Never
## 423	Some College	NA	NA	Married	[6000, 7000)	Until Pregnant
## 424	Trade	69	173	Married	[10000, 12500)	Now
## 425	College	NA	NA	Married	[6000, 7000)	Never
## 426	Some College	NA	NA	Married	[6000, 7000)	Never
## 427	High School	NA	NA	Married	Unknown	Never
## 428	High School	NA	NA	Married	[5000, 6000)	Now
## 429	Some College	67	170	Married	[6000, 7000)	Now
## 430	High School	NA	NA	Married	[5000, 6000)	Never
## 431	High School	NA	NA	Married	Unknown	Never
## 432	High School	72	165	Married	[8000, 9000)	Now
## 433	Some High School	67	130	Married	[2500, 5000)	Unknown
## 434	Some High School	NA	NA	Married	[7000, 8000)	Now
## 435	No High School	NA	NA	Married	[6000, 7000)	Now

## 436	College	71	170	Married	[6000, 7000)	Never
## 437	Trade	NA	NA	Married	[8000, 9000)	Never
## 438	College	NA	NA	Married	[6000, 7000)	Now
## 439	Some High School	66	165	Married	[6000, 7000)	Never
## 440	High School	67	170	Married	[7000, 8000)	Never
## 441	High School	74	155	Married	[2500, 5000)	Never
## 442	College	NA	NA	Married	[12500, 15000)	Once, Not Now
## 443	Some College	NA	NA	Married	[8000, 9000)	Now
## 444	High School	67	195	Married	[6000, 7000)	Now
## 445	Unknown	NA	NA	Married	[2500, 5000)	Never
## 446	High School	NA	NA	Married	[2500, 5000)	Never
## 447	Some College	72	190	Married	[5000, 6000)	Until Pregnant
## 448	College	NA	NA	Married	[8000, 9000)	Now
## 449	College	NA	NA	Married	[5000, 6000)	Now
## 450	Some College	NA	NA	Married	< 2500	Never
## 451	High School	67	145	Married	[7000, 8000)	Never
## 452	Some College	70	165	Married	[6000, 7000)	Never
## 453	Some High School	NA	NA	Married	[5000, 6000)	Never
## 454	College	NA	NA	Married	[5000, 6000)	Now
## 455	College	68	155	Married	[10000, 12500)	Once, Not Now
## 456	High School	73	190	Married	Unknown	Now
## 457	Trade	NA	NA	Married	[8000, 9000)	Never
## 458	High School	NA	NA	Married	[2500, 5000)	Now
## 459	Trade	70	165	Married	[10000, 12500)	Never
## 460	High School	71	205	Married	[10000, 12500)	Now
## 461	High School	NA	NA	Married	[2500, 5000)	Never
## 462	Some High School	70	170	Married	[5000, 6000)	Never
## 463	No High School	NA	NA	Married	[8000, 9000)	Now
## 464	High School	69	183	Married	[2500, 5000)	Now
## 465	High School	70	190	Married	[2500, 5000)	Now
## 466	College	75	180	Married	[6000, 7000)	Now
## 467	Some College	68	175	Married	[5000, 6000)	Now
## 468	College	71	150	Married	[10000, 12500)	Never
## 469	Some High School	72	210	Married	Unknown	Now
## 470	Some College	74	180	Married	[9000, 10000)	Never
## 471	High School	73	240	Married	[7000, 8000)	Never
## 472	Some High School	NA	NA	Married	[5000, 6000)	Now
## 473	High School	73	185	Married	[9000, 10000)	Never
## 474	Some High School	NA	NA	Married	[8000, 9000)	Now
## 475	Some College	NA	NA	Married	[7000, 8000)	Now
## 476	Some College	68	150	Married	[7000, 8000)	Now
## 477	Unknown	72	NA	Married	[5000, 6000)	Now
## 478	Some College	68	170	Married	[7000, 8000)	Now
## 479	Some High School	NA	NA	Married	[6000, 7000)	Never
## 480	High School	72	178	Married	[10000, 12500)	Now
## 481	High School	NA	NA	Married	[2500, 5000)	Now
## 482	Unknown	NA	NA	Once	[5000, 6000)	Never
## 483	High School	NA	NA	Married	Unknown	Now
## 484	Some College	76	200	Married	[2500, 5000)	Now
## 485	Some College	70	140	Married	[2500, 5000)	Now
## 486	College	NA	NA	Married	[6000, 7000)	Until Pregnant
## 487	High School	72	190	Married	[8000, 9000)	Never
## 488	Some College	NA	NA	Married	15000+	Now
## 489	College	NA	NA	Married	< 2500	Now

## 490	High School	NA	NA	Married	[2500, 5000)	Once, Not Now
## 491	Some College	NA	NA	Married	Unknown	Now
## 492	Some High School	71	180	Married	Unknown	Now
## 493	Some College	NA	NA	Married	Unknown	Once, Not Now
## 494	Some College	69	150	Married	< 2500	Never
## 495	College	71	195	Married	[9000, 10000)	Never
## 496	College	70	155	Married	[9000, 10000)	Never
## 497	College	69	145	Married	[6000, 7000)	Once, Not Now
## 498	College	NA	NA	Married	Unknown	Never
## 499	Some College	68	163	Married	[7000, 8000)	Now
## 500	High School	75	NA	Married	[6000, 7000)	Once, Not Now
## 501	Some College	64	142	Married	[7000, 8000)	Now
## 502	College	72	190	Married	[2500, 5000)	Now
## 503	College	NA	NA	Married	[2500, 5000)	Now
## 504	High School	73	183	Married	[5000, 6000)	Now
## 505	Some College	72	168	Married	[2500, 5000)	Now
## 506	College	67	150	Married	[10000, 12500)	Never
## 507	Some College	NA	NA	Once	[2500, 5000)	Never
## 508	Some College	71	190	Married	[2500, 5000)	Never
## 509	Some College	NA	NA	Married	[2500, 5000)	Now
## 510	Some College	NA	NA	Married	[7000, 8000)	Now
## 511	High School	68	145	Married	[7000, 8000)	Never
## 512	No High School	66	150	Married	[7000, 8000)	Never
## 513	Some High School	72	180	Married	[2500, 5000)	Now
## 514	College	66	163	Married	[7000, 8000)	Never
## 515	Some College	75	195	Married	Unknown	Now
## 516	Trade	66	120	Married	[10000, 12500)	Now
## 517	Unknown	NA	NA	Married	[10000, 12500)	Now
## 518	High School	72	150	Married	[6000, 7000)	Now
## 519	College	NA	NA	Married	[10000, 12500)	Once, Not Now
## 520	College	NA	NA	Married	[7000, 8000)	Now
## 521	College	74	215	Married	[10000, 12500)	Never
## 522	Some College	NA	NA	Married	[2500, 5000)	Never
## 523	College	NA	NA	Married	[10000, 12500)	Now
## 524	High School	69	165	Married	[10000, 12500)	Once, Not Now
## 525	College	NA	NA	Married	[7000, 8000)	Never
## 526	College	NA	NA	Married	[6000, 7000)	Never
## 527	Some College	NA	NA	Married	[10000, 12500)	Now
## 528	High School	72	205	Married	[2500, 5000)	Until Pregnant
## 529	Some High School	68	140	Married	< 2500	Now
## 530	College	NA	NA	Married	15000+	Never
## 531	Some College	67	180	Married	[5000, 6000)	Never
## 532	Some High School	69	250	Married	[2500, 5000)	Now
## 533	Some High School	72	197	Married	[5000, 6000)	Now
## 534	Unknown	74	180	Married	[7000, 8000)	Never
## 535	College	68	145	Married	[9000, 10000)	Never
## 536	High School	NA	NA	Married	[7000, 8000)	Now
## 537	High School	73	165	Married	[7000, 8000)	Never
## 538	College	NA	NA	Married	[6000, 7000)	Once, Not Now
## 539	Some College	70	175	Married	Unknown	Until Pregnant
## 540	High School	NA	NA	Married	[6000, 7000)	Never
## 541	Some High School	72	162	Married	[9000, 10000)	Never
## 542	High School	71	170	Married	[5000, 6000)	Never
## 543	Some College	NA	NA	Married	[12500, 15000)	Now

## 544	Some High School	71	170	Married	[5000, 6000)	Once, Not Now
## 545	College	NA	NA	Married	[8000, 9000)	Never
## 546	College	NA	NA	Married	[10000, 12500)	Now
## 547	Some High School	NA	NA	Married	Unknown	Until Pregnant
## 548	Some College	65	150	Married	[2500, 5000)	Now
## 549	Some High School	NA	NA	Married	[5000, 6000)	Now
## 550	College	NA	NA	Married	[10000, 12500)	Never
## 551	High School	NA	NA	Married	Unknown	Never
## 552	College	70	180	Married	[2500, 5000)	Never
## 553	Some College	72	190	Married	[6000, 7000)	Once, Not Now
## 554	Some College	NA	NA	Married	[5000, 6000)	Now
## 555	High School	NA	NA	Married	[8000, 9000)	Until Pregnant
## 556	Some College	70	192	Married	[10000, 12500)	Never
## 557	High School	72	175	Married	[10000, 12500)	Never
## 558	High School	69	156	Once	[9000, 10000)	Now
## 559	College	67	135	Married	[5000, 6000)	Never
## 560	Some College	NA	NA	Married	[9000, 10000)	Never
## 561	College	71	170	Married	[12500, 15000)	Once, Not Now
## 562	Unknown	NA	NA	Married	[9000, 10000)	Now
## 563	Some High School	NA	NA	Married	[8000, 9000)	Now
## 564	Some High School	NA	NA	Married	[5000, 6000)	Never
## 565	Some High School	NA	NA	Married	[2500, 5000)	Until Pregnant
## 566	High School	67	165	Married	[2500, 5000)	Never
## 567	College	71	175	Married	< 2500	Never
## 568	Some College	NA	NA	Once	15000+	Now
## 569	Some High School	NA	NA	Once	[2500, 5000)	Now
## 570	Some High School	72	188	Married	[10000, 12500)	Now
## 571	High School	74	190	Married	[9000, 10000)	Now
## 572	College	NA	NA	Married	[2500, 5000)	Never
## 573	College	NA	NA	Married	[10000, 12500)	Now
## 574	Some High School	73	220	Married	[2500, 5000)	Until Pregnant
## 575	Some College	NA	NA	Married	[7000, 8000)	Now
## 576	College	NA	NA	Married	[7000, 8000)	Now
## 577	College	67	180	Married	Unknown	Never
## 578	College	NA	NA	Married	[10000, 12500)	Never
## 579	Some High School	NA	NA	Married	[6000, 7000)	Never
## 580	Some High School	NA	NA	Married	[2500, 5000)	Never
## 581	Some College	71	185	Married	[5000, 6000)	Never
## 582	College	NA	NA	Married	[2500, 5000)	Now
## 583	Some College	68	170	Married	[5000, 6000)	Now
## 584	College	NA	NA	Married	[8000, 9000)	Never
## 585	High School	66	160	Married	[10000, 12500)	Never
## 586	Some High School	69	146	Married	[8000, 9000)	Now
## 587	Some College	NA	NA	Married	[8000, 9000)	Until Pregnant
## 588	High School	68	155	Married	[2500, 5000)	Until Pregnant
## 589	High School	NA	NA	Married	[7000, 8000)	Never
## 590	Some High School	70	148	Married	[7000, 8000)	Now
## 591	College	NA	NA	Married	[6000, 7000)	Once, Not Now
## 592	Some High School	NA	NA	Married	[9000, 10000)	Now
## 593	Some High School	69	155	Married	[5000, 6000)	Never
## 594	High School	NA	NA	Married	[8000, 9000)	Now
## 595	Trade	71	180	Married	Unknown	Once, Not Now
## 596	Some High School	NA	NA	Married	[2500, 5000)	Never
## 597	High School	NA	NA	Married	[5000, 6000)	Never

## 598	Some High School	NA	NA	Married	Unknown	Now
## 599	College	67	164	Married	[6000, 7000)	Never
## 600	Some College	72	190	Married	[8000, 9000)	Never
## 601	Trade	69	174	Married	[7000, 8000)	Unknown
## 602	High School	NA	NA	Married	[6000, 7000)	Now
## 603	Some College	NA	NA	Married	[7000, 8000)	Now
## 604	Some College	69	185	Married	[5000, 6000)	Now
## 605	College	70	165	Married	[5000, 6000)	Until Pregnant
## 606	Some College	71	164	Married	[2500, 5000)	Until Pregnant
## 607	Some College	70	170	Married	[5000, 6000)	Until Pregnant
## 608	High School	75	185	Married	[10000, 12500)	Now
## 609	High School	NA	NA	Married	< 2500	Now
## 610	Some High School	68	160	Married	[5000, 6000)	Now
## 611	College	72	130	Married	[10000, 12500)	Never
## 612	College	73	202	Married	[12500, 15000)	Now
## 613	Some College	NA	NA	Married	[2500, 5000)	Now
## 614	Unknown	68	185	Married	15000+	Never
## 615	Some College	67	147	Married	[9000, 10000)	Never
## 616	High School	NA	NA	Married	[8000, 9000)	Never
## 617	Some College	70	200	Married	[2500, 5000)	Never
## 618	Some High School	69	135	Married	[5000, 6000)	Until Pregnant
## 619	High School	NA	NA	Married	[2500, 5000)	Now
## 620	High School	64	165	Married	[2500, 5000)	Now
## 621	High School	NA	NA	Married	[5000, 6000)	Never
## 622	College	NA	NA	Married	[5000, 6000)	Now
## 623	Some High School	69	170	Married	[6000, 7000)	Until Pregnant
## 624	No High School	NA	NA	Married	[5000, 6000)	Never
## 625	High School	68	156	Married	[2500, 5000)	Now
## 626	Some College	NA	NA	Married	[7000, 8000)	Never
## 627	Some High School	71	180	Married	[7000, 8000)	Once, Not Now
## 628	No High School	NA	NA	Married	[5000, 6000)	Never
## 629	College	76	220	Married	[10000, 12500)	Never
## 630	College	NA	NA	Married	[8000, 9000)	Never
## 631	Some College	NA	NA	Married	[9000, 10000)	Never
## 632	High School	NA	NA	Married	[2500, 5000)	Now
## 633	Some College	73	200	Married	Unknown	Never
## 634	College	NA	NA	Married	[10000, 12500)	Once, Not Now
## 635	Some College	72	156	Married	[6000, 7000)	Now
## 636	High School	72	148	Married	[2500, 5000)	Now
## 637	Some High School	NA	NA	Married	[6000, 7000)	Never
## 638	College	72	185	Married	Unknown	Now
## 639	Some High School	68	180	Married	15000+	Now
## 640	High School	75	215	Married	[7000, 8000)	Until Pregnant
## 641	Some College	NA	NA	Married	[10000, 12500)	Now
## 642	Some College	NA	NA	Married	[10000, 12500)	Unknown
## 643	Some High School	72	165	Married	[7000, 8000)	Never
## 644	Some High School	71	170	Married	[2500, 5000)	Now
## 645	No High School	NA	NA	Married	< 2500	Never
## 646	Some High School	71	175	Married	[10000, 12500)	Never
## 647	High School	71	182	Married	[10000, 12500)	Until Pregnant
## 648	Some College	NA	NA	Married	[5000, 6000)	Now
## 649	Some High School	NA	NA	Married	[7000, 8000)	Now
## 650	Some High School	NA	NA	Married	[2500, 5000)	Once, Not Now
## 651	High School	70	180	Married	[8000, 9000)	Never

## 652	College	NA	NA	Married	Unknown	Never
## 653	Some High School	NA	NA	Married	[8000, 9000)	Never
## 654	College	NA	NA	Married	[7000, 8000)	Now
## 655	Some College	72	170	Married	Unknown	Never
## 656	Some High School	65	146	Married	[10000, 12500)	Now
## 657	College	70	165	Married	[6000, 7000)	Now
## 658	High School	NA	NA	Married	[2500, 5000)	Never
## 659	College	NA	NA	Married	[7000, 8000)	Never
## 660	College	NA	NA	Married	[9000, 10000)	Now
## 661	Some College	NA	NA	Married	[5000, 6000)	Now
## 662	High School	71	180	Married	[6000, 7000)	Never
## 663	High School	NA	NA	Married	[8000, 9000)	Now
## 664	College	72	193	Married	[10000, 12500)	Never
## 665	Some College	NA	NA	Married	[2500, 5000)	Now
## 666	High School	NA	NA	Married	Unknown	Unknown
## 667	High School	76	180	Married	[2500, 5000)	Now
## 668	Unknown	NA	NA	Married	Unknown	Now
## 669	Some College	NA	NA	Married	[6000, 7000)	Now
## 670	High School	70	180	Married	[5000, 6000)	Never
## 671	Some High School	NA	NA	Married	[10000, 12500)	Now
## 672	College	NA	NA	Married	[7000, 8000)	Unknown
## 673	College	NA	NA	Married	[10000, 12500)	Now
## 674	High School	NA	NA	Married	[5000, 6000)	Never
## 675	Some High School	NA	NA	Married	[5000, 6000)	Never
## 676	College	73	180	Married	Unknown	Now
## 677	High School	69	150	Married	[2500, 5000)	Until Pregnant
## 678	High School	71	190	Married	Unknown	Now
## 679	College	NA	NA	Married	Unknown	Until Pregnant
## 680	Some College	NA	NA	Married	[10000, 12500)	Never
## 681	Trade	68	125	Married	[12500, 15000)	Never
## 682	No High School	NA	NA	Married	[2500, 5000)	Never
## 683	Some College	70	165	Married	[9000, 10000)	Now
## 684	College	70	160	Married	[5000, 6000)	Never
## 685	No High School	66	175	Married	[5000, 6000)	Once, Not Now
## 686	College	NA	NA	Married	[7000, 8000)	Once, Not Now
## 687	College	NA	NA	Married	Unknown	Never
## 688	College	NA	NA	Married	[7000, 8000)	Never
## 689	Some College	70	148	Married	Unknown	Now
## 690	High School	67	159	Married	[2500, 5000)	Never
## 691	High School	NA	NA	Married	[6000, 7000)	Now
## 692	Some College	68	158	Married	[7000, 8000)	Never
## 693	Some High School	73	182	Married	[5000, 6000)	Until Pregnant
## 694	College	67	150	Married	[7000, 8000)	Now
## 695	College	72	145	Married	[6000, 7000)	Now
## 696	College	61	148	Married	15000+	Never
## 697	Some High School	NA	NA	Married	[6000, 7000)	Now
## 698	College	NA	NA	Married	[6000, 7000)	Now
## 699	High School	72	180	Married	[10000, 12500)	Now
## 700	Some College	NA	NA	Married	[6000, 7000)	Until Pregnant
## 701	Trade	NA	NA	Married	[2500, 5000)	Now
## 702	Some College	76	195	Married	[6000, 7000)	Never
## 703	High School	72	205	Married	[10000, 12500)	Until Pregnant
## 704	No High School	72	155	Married	[2500, 5000)	Never
## 705	High School	NA	NA	Married	[6000, 7000)	Never

## 706	College	NA	NA	Married	< 2500	Never
## 707	College	NA	NA	Married	[6000, 7000)	Now
## 708	High School	66	162	Married	[12500, 15000)	Never
## 709	College	NA	NA	Never	[2500, 5000)	Until Pregnant
## 710	College	NA	NA	Married	Unknown	Never
## 711	High School	NA	NA	Married	< 2500	Until Pregnant
## 712	Some College	71	170	Married	[6000, 7000)	Now
## 713	High School	68	170	Married	[10000, 12500)	Now
## 714	College	NA	NA	Married	[6000, 7000)	Never
## 715	College	NA	NA	Married	[9000, 10000)	Now
## 716	High School	67	160	Married	[5000, 6000)	Now
## 717	Some College	NA	NA	Never	[2500, 5000)	Now
## 718	College	NA	NA	Married	[12500, 15000)	Now
## 719	College	68	165	Married	Unknown	Until Pregnant
## 720	Some High School	69	160	Married	Unknown	Never
## 721	Some College	72	200	Married	Unknown	Never
## 722	High School	69	200	Married	Unknown	Until Pregnant
## 723	High School	73	190	Married	[6000, 7000)	Never
## 724	No High School	69	145	Married	[5000, 6000)	Never
## 725	College	NA	NA	Married	[10000, 12500)	Never
## 726	No High School	NA	NA	Married	< 2500	Never
## 727	High School	NA	NA	Married	[2500, 5000)	Now
## 728	High School	NA	NA	Married	[6000, 7000)	Never
## 729	Some High School	NA	NA	Married	[2500, 5000)	Never
## 730	College	NA	NA	Married	[6000, 7000)	Once, Not Now
## 731	College	NA	NA	Married	[6000, 7000)	Never
## 732	College	NA	NA	Married	[10000, 12500)	Never
## 733	College	NA	NA	Married	[2500, 5000)	Once, Not Now
## 734	Some High School	71	215	Married	[2500, 5000)	Never
## 735	Trade	73	180	Married	[7000, 8000)	Now
## 736	College	71	140	Married	[7000, 8000)	Now
## 737	High School	73	178	Married	[6000, 7000)	Never
## 738	College	74	175	Married	[9000, 10000)	Now
## 739	Some High School	71	NA	Married	[2500, 5000)	Never
## 740	High School	66	160	Married	[2500, 5000)	Never
## 741	College	NA	NA	Married	[7000, 8000)	Never
## 742	Some College	NA	NA	Married	[7000, 8000)	Now
## 743	High School	NA	NA	Married	Unknown	Until Pregnant
## 744	College	NA	NA	Married	[8000, 9000)	Never
## 745	High School	NA	NA	Married	Unknown	Now
## 746	Some College	69	168	Married	< 2500	Never
## 747	Some College	72	188	Married	Unknown	Until Pregnant
## 748	Some High School	72	150	Married	[6000, 7000)	Never
## 749	High School	72	195	Married	[7000, 8000)	Never
## 750	Some College	NA	190	Married	[2500, 5000)	Never
## 751	Some College	NA	NA	Married	[5000, 6000)	Now
## 752	College	NA	NA	Married	[7000, 8000)	Never
## 753	High School	72	NA	Married	[6000, 7000)	Never
## 754	Some High School	73	175	Married	[5000, 6000)	Now
## 755	No High School	NA	NA	Married	[2500, 5000)	Never
## 756	High School	72	175	Married	[5000, 6000)	Now
## 757	Some High School	NA	NA	Married	[6000, 7000)	Now
## 758	High School	69	173	Married	[2500, 5000)	Never
## 759	College	71	180	Married	[10000, 12500)	Never

## 760	Some High School	75	175	Married	[6000, 7000)	Now
## 761	College	70	150	Married	[6000, 7000)	Now
## 762	College	NA	NA	Married	[8000, 9000)	Now
## 763	High School	68	165	Married	[8000, 9000)	Now
## 764	Some High School	NA	NA	Married	[10000, 12500)	Never
## 765	Some College	NA	NA	Married	[7000, 8000)	Now
## 766	High School	69	190	Married	[10000, 12500)	Never
## 767	Some College	70	175	Married	[6000, 7000)	Once, Not Now
## 768	Some College	NA	NA	Married	[2500, 5000)	Never
## 769	Some College	76	182	Married	[8000, 9000)	Once, Not Now
## 770	High School	NA	NA	Married	[6000, 7000)	Until Pregnant
## 771	Some High School	NA	NA	Married	[5000, 6000)	Now
## 772	High School	67	NA	Married	[2500, 5000)	Never
## 773	College	NA	NA	Married	[5000, 6000)	Never
## 774	College	NA	NA	Married	[8000, 9000)	Never
## 775	Some College	NA	NA	Married	[9000, 10000)	Now
## 776	No High School	64	138	Married	[7000, 8000)	Never
## 777	High School	NA	NA	Married	[6000, 7000)	Never
## 778	College	68	150	Married	[10000, 12500)	Once, Not Now
## 779	Some College	NA	NA	Married	[8000, 9000)	Never
## 780	High School	68	165	Married	[5000, 6000)	Never
## 781	College	NA	NA	Married	15000+	Now
## 782	High School	74	180	Married	[10000, 12500)	Never
## 783	College	69	135	Married	[6000, 7000)	Once, Not Now
## 784	College	NA	NA	Married	[5000, 6000)	Until Pregnant
## 785	College	NA	NA	Married	[6000, 7000)	Now
## 786	High School	72	165	Married	[10000, 12500)	Now
## 787	Some High School	NA	NA	Married	[2500, 5000)	Never
## 788	Some College	65	145	Married	[8000, 9000)	Never
## 789	No High School	69	140	Married	[8000, 9000)	Never
## 790	College	70	175	Married	[8000, 9000)	Once, Not Now
## 791	High School	NA	NA	Married	[2500, 5000)	Now
## 792	Trade	72	156	Married	[2500, 5000)	Never
## 793	High School	77	180	Married	[8000, 9000)	Now
## 794	Some College	NA	NA	Married	[9000, 10000)	Now
## 795	Some College	NA	NA	Married	[9000, 10000)	Never
## 796	High School	71	183	Married	[6000, 7000)	Never
## 797	High School	NA	NA	Married	[5000, 6000)	Never
## 798	Some High School	75	170	Married	[5000, 6000)	Never
## 799	High School	71	142	Married	[7000, 8000)	Now
## 800	Some College	71	160	Married	[5000, 6000)	Now
## 801	College	74	195	Married	[10000, 12500)	Never
## 802	College	NA	NA	Married	[10000, 12500)	Now
## 803	College	NA	NA	Married	[6000, 7000)	Now
## 804	College	69	185	Married	[2500, 5000)	Never
## 805	Some College	71	190	Married	[10000, 12500)	Now
## 806	High School	NA	NA	Once	15000+	Never
## 807	Some High School	69	160	Married	Unknown	Now
## 808	College	NA	NA	Married	[9000, 10000)	Never
## 809	No High School	62	NA	Married	[6000, 7000)	Now
## 810	High School	NA	NA	Married	[8000, 9000)	Never
## 811	College	NA	NA	Married	[2500, 5000)	Never
## 812	Some College	73	180	Married	[8000, 9000)	Now
## 813	College	71	135	Married	[8000, 9000)	Now

## 814	College	72	180	Married	[8000, 9000)	Never
## 815	High School	67	125	Married	[5000, 6000)	Never
## 816	Some College	72	165	Married	[10000, 12500)	Never
## 817	Some College	72	165	Married	[8000, 9000)	Now
## 818	High School	67	170	Married	[8000, 9000)	Until Pregnant
## 819	Some High School	64	127	Married	[8000, 9000)	Now
## 820	Some College	NA	NA	Married	[2500, 5000)	Never
## 821	Some High School	NA	NA	Married	[2500, 5000)	Now
## 822	College	NA	NA	Married	[10000, 12500)	Never
## 823	College	NA	NA	Married	[10000, 12500)	Never
## 824	High School	72	162	Married	[5000, 6000)	Never
## 825	Some College	72	183	Married	Unknown	Never
## 826	Some College	NA	NA	Married	Unknown	Never
## 827	Some College	67	155	Married	[2500, 5000)	Never
## 828	College	NA	NA	Married	[8000, 9000)	Never
## 829	Some College	71	160	Married	[10000, 12500)	Now
## 830	Some College	73	167	Married	[7000, 8000)	Until Pregnant
## 831	High School	NA	NA	Married	[6000, 7000)	Now
## 832	High School	70	187	Married	[10000, 12500)	Now
## 833	High School	NA	NA	Married	[2500, 5000)	Now
## 834	High School	NA	NA	Married	[2500, 5000)	Now
## 835	College	NA	NA	Married	[6000, 7000)	Never
## 836	Some High School	70	170	Married	[10000, 12500)	Once, Not Now
## 837	High School	70	145	Married	[8000, 9000)	Once, Not Now
## 838	Some College	NA	NA	Married	[10000, 12500)	Never
## 839	College	75	205	Married	[10000, 12500)	Once, Not Now
## 840	College	75	220	Married	[12500, 15000)	Never
## 841	Some College	73	185	Married	[7000, 8000)	Never
## 842	Some College	71	190	Married	[7000, 8000)	Never
## 843	High School	67	208	Married	[5000, 6000)	Never
## 844	Trade	NA	NA	Married	Unknown	Until Pregnant
## 845	College	NA	NA	Married	[5000, 6000)	Never
## 846	High School	68	154	Married	[2500, 5000)	Now
## 847	College	69	135	Married	[8000, 9000)	Never
## 848	High School	NA	NA	Married	[6000, 7000)	Now
## 849	High School	NA	NA	Married	[7000, 8000)	Now
## 850	College	72	170	Married	[10000, 12500)	Never
## 851	Some High School	NA	NA	Married	[7000, 8000)	Until Pregnant
## 852	High School	NA	NA	Married	[10000, 12500)	Now
## 853	Some High School	67	157	Married	[9000, 10000)	Now
## 854	College	NA	NA	Married	[6000, 7000)	Never
## 855	Some High School	71	153	Married	[2500, 5000)	Now
## 856	College	71	160	Married	[10000, 12500)	Never
## 857	High School	NA	NA	Married	[7000, 8000)	Never
## 858	Some College	67	150	Married	[6000, 7000)	Never
## 859	High School	66	148	Married	[7000, 8000)	Never
## 860	High School	NA	NA	Married	Unknown	Now
## 861	High School	NA	NA	Married	[8000, 9000)	Now
## 862	High School	70	150	Married	[2500, 5000)	Never
## 863	Some High School	NA	NA	Married	[6000, 7000)	Never
## 864	Some College	74	193	Married	[5000, 6000)	Once, Not Now
## 865	High School	68	155	Married	[6000, 7000)	Once, Not Now
## 866	Some College	71	180	Married	[6000, 7000)	Once, Not Now
## 867	College	NA	NA	Married	Unknown	Never

## 868	High School	NA	NA	Married	[2500, 5000)	Now
## 869	High School	NA	NA	Married	[9000, 10000)	Now
## 870	High School	NA	NA	Married	[2500, 5000)	Never
## 871	College	72	205	Married	[9000, 10000)	Never
## 872	College	NA	NA	Married	[6000, 7000)	Until Pregnant
## 873	College	70	160	Married	[6000, 7000)	Never
## 874	High School	68	145	Married	[8000, 9000)	Never
## 875	High School	NA	NA	Married	[8000, 9000)	Never
## 876	High School	72	NA	Married	[8000, 9000)	Never
## 877	Some College	69	180	Never	[2500, 5000)	Never
## 878	College	71	155	Married	Unknown	Now
## 879	High School	69	210	Married	[10000, 12500)	Now
## 880	Some High School	67	156	Married	< 2500	Never
## 881	Some College	NA	NA	Married	[7000, 8000)	Never
## 882	High School	NA	NA	Married	< 2500	Never
## 883	College	NA	NA	Married	[8000, 9000)	Now
## 884	Some College	72	130	Married	[6000, 7000)	Now
## 885	College	70	158	Married	[9000, 10000)	Once, Not Now
## 886	Some College	NA	NA	Married	[8000, 9000)	Now
## 887	College	NA	NA	Married	[5000, 6000)	Never
## 888	Some College	NA	NA	Married	[9000, 10000)	Until Pregnant
## 889	College	69	180	Married	15000+	Never
## 890	Some College	NA	NA	Married	[9000, 10000)	Never
## 891	College	71	187	Married	[8000, 9000)	Never
## 892	Some High School	74	195	Married	[2500, 5000)	Until Pregnant
## 893	College	73	188	Married	[2500, 5000)	Until Pregnant
## 894	High School	68	160	Married	[8000, 9000)	Now
## 895	Some College	70	165	Once	[8000, 9000)	Never
## 896	College	66	160	Married	Unknown	Until Pregnant
## 897	Some High School	65	120	Once	[2500, 5000)	Now
## 898	Some High School	72	175	Married	[6000, 7000)	Never
## 899	College	NA	NA	Married	[2500, 5000)	Once, Not Now
## 900	Some College	NA	NA	Married	Unknown	Never
## 901	College	71	160	Married	15000+	Never
## 902	No High School	NA	NA	Married	[2500, 5000)	Never
## 903	College	NA	NA	Married	[10000, 12500)	Now
## 904	High School	73	212	Married	[6000, 7000)	Now
## 905	Unknown	66	140	Married	[7000, 8000)	Never
## 906	Unknown	NA	NA	Never	Unknown	Now
## 907	Trade	73	178	Married	< 2500	Never
## 908	Some College	NA	NA	Married	[2500, 5000)	Now
## 909	Some High School	67	147	Married	< 2500	Now
## 910	College	66	168	Married	[12500, 15000)	Never
## 911	College	NA	NA	Married	[6000, 7000)	Never
## 912	High School	75	230	Married	[10000, 12500)	Once, Not Now
## 913	High School	NA	NA	Married	[10000, 12500)	Now
## 914	High School	72	184	Married	[9000, 10000)	Now
## 915	High School	69	168	Married	[6000, 7000)	Never
## 916	Some High School	73	180	Married	[10000, 12500)	Never
## 917	High School	70	173	Married	[10000, 12500)	Never
## 918	High School	NA	NA	Married	[6000, 7000)	Never
## 919	College	NA	NA	Married	[10000, 12500)	Now
## 920	College	72	185	Married	[8000, 9000)	Once, Not Now
## 921	Some College	NA	NA	Married	[2500, 5000)	Unknown

## 922	College	64	138	Married	[2500, 5000)	Never
## 923	Some College	NA	NA	Married	[6000, 7000)	Never
## 924	Some College	69	165	Married	[2500, 5000)	Now
## 925	High School	NA	NA	Married	[7000, 8000)	Until Pregnant
## 926	College	NA	NA	Married	Unknown	Now
## 927	Some High School	NA	NA	Married	[7000, 8000)	Never
## 928	College	70	165	Married	15000+	Now
## 929	Some College	NA	NA	Married	[12500, 15000)	Now
## 930	Some College	70	180	Married	[6000, 7000)	Never
## 931	Some College	NA	NA	Married	[8000, 9000)	Now
## 932	Some High School	67	175	Married	[5000, 6000)	Now
## 933	College	NA	NA	Married	[6000, 7000)	Once, Not Now
## 934	High School	71	160	Married	[7000, 8000)	Now
## 935	College	NA	NA	Married	[12500, 15000)	Now
## 936	Trade	NA	NA	Married	[5000, 6000)	Now
## 937	Some High School	72	180	Married	[8000, 9000)	Until Pregnant
## 938	Some College	75	190	Married	[5000, 6000)	Now
## 939	Some High School	66	160	Married	[10000, 12500)	Never
## 940	Some High School	NA	NA	Married	Unknown	Now
## 941	Some High School	NA	NA	Married	[5000, 6000)	Now
## 942	Some College	NA	NA	Married	[6000, 7000)	Until Pregnant
## 943	College	69	NA	Once	[2500, 5000)	Never
## 944	No High School	63	180	Married	Unknown	Never
## 945	High School	71	150	Married	[9000, 10000)	Once, Not Now
## 946	High School	NA	NA	Married	[8000, 9000)	Never
## 947	College	NA	NA	Married	[10000, 12500)	Now
## 948	College	66	150	Married	[6000, 7000)	Until Pregnant
## 949	High School	NA	NA	Married	Unknown	Never
## 950	Some High School	NA	NA	Married	[6000, 7000)	Now
## 951	High School	NA	NA	Married	[2500, 5000)	Until Pregnant
## 952	College	NA	NA	Married	[7000, 8000)	Never
## 953	High School	75	185	Married	[7000, 8000)	Now
## 954	Some High School	NA	NA	Married	[8000, 9000)	Now
## 955	High School	NA	NA	Married	[6000, 7000)	Never
## 956	High School	72	190	Married	Unknown	Now
## 957	High School	74	190	Married	[8000, 9000)	Never
## 958	High School	NA	NA	Married	[8000, 9000)	Now
## 959	High School	68	163	Married	[2500, 5000)	Never
## 960	Some High School	72	173	Married	[6000, 7000)	Never
## 961	Some High School	NA	NA	Married	[6000, 7000)	Never
## 962	Trade	68	150	Married	[6000, 7000)	Now
## 963	High School	72	220	Married	[8000, 9000)	Never
## 964	Some High School	NA	NA	Married	[2500, 5000)	Never
## 965	College	NA	NA	Married	[8000, 9000)	Never
## 966	College	71	160	Married	[6000, 7000)	Now
## 967	High School	70	170	Married	< 2500	Now
## 968	Some High School	71	160	Married	[5000, 6000)	Now
## 969	No High School	NA	180	Married	[6000, 7000)	Never
## 970	Some College	72	155	Married	[7000, 8000)	Now
## 971	High School	NA	NA	Married	[2500, 5000)	Never
## 972	College	72	185	Married	[10000, 12500)	Never
## 973	High School	76	180	Married	[8000, 9000)	Never
## 974	College	69	165	Married	[2500, 5000)	Never
## 975	College	71	168	Married	15000+	Never

## 976	High School	NA	NA	Married	[2500, 5000)	Never
## 977	College	NA	NA	Married	[5000, 6000)	Now
## 978	High School	67	145	Married	[6000, 7000)	Never
## 979	Some College	74	250	Married	[9000, 10000)	Never
## 980	Some College	71	200	Married	Unknown	Now
## 981	High School	69	185	Married	[6000, 7000)	Never
## 982	College	NA	180	Married	[9000, 10000)	Now
## 983	College	71	183	Married	[12500, 15000)	Once, Not Now
## 984	College	68	165	Married	[5000, 6000)	Never
## 985	Some High School	71	180	Married	[10000, 12500)	Now
## 986	College	73	150	Married	[8000, 9000)	Now
## 987	College	67	150	Married	[10000, 12500)	Once, Not Now
## 988	Some College	68	170	Married	15000+	Now
## 989	High School	69	145	Married	[8000, 9000)	Now
## 990	Some High School	68	145	Married	[2500, 5000)	Never
## 991	Some High School	NA	NA	Married	Unknown	Now
## 992	Some College	71	160	Married	[2500, 5000)	Never
## 993	College	67	148	Married	[2500, 5000)	Once, Not Now
## 994	Trade	NA	NA	Married	Unknown	Once, Not Now
## 995	Some High School	73	175	Married	[2500, 5000)	Now
## 996	Some High School	66	175	Married	Unknown	Never
## 997	High School	65	150	Married	[6000, 7000)	Never
## 998	High School	67	175	Married	Unknown	Never
## 999	Some College	69	150	Married	[9000, 10000)	Never
## 1000	Some College	72	159	Married	[7000, 8000)	Now
## 1001	College	71	163	Married	[10000, 12500)	Never
## 1002	No High School	NA	NA	Married	[5000, 6000)	Never
## 1003	High School	65	150	Married	[5000, 6000)	Now
## 1004	Some College	NA	NA	Married	[2500, 5000)	Once, Not Now
## 1005	Trade	NA	NA	Married	[9000, 10000)	Now
## 1006	Trade	78	205	Married	[7000, 8000)	Now
## 1007	College	71	165	Married	[5000, 6000)	Now
## 1008	College	70	170	Married	[2500, 5000)	Now
## 1009	High School	72	185	Married	[6000, 7000)	Never
## 1010	High School	70	200	Married	[8000, 9000)	Now
## 1011	High School	70	185	Married	[5000, 6000)	Now
## 1012	College	66	143	Married	[10000, 12500)	Never
## 1013	High School	NA	NA	Married	[6000, 7000)	Now
## 1014	No High School	63	142	Married	[2500, 5000)	Until Pregnant
## 1015	Trade	70	188	Married	[9000, 10000)	Once, Not Now
## 1016	College	NA	NA	Married	[5000, 6000)	Now
## 1017	College	72	150	Married	15000+	Never
## 1018	College	NA	NA	Married	[7000, 8000)	Now
## 1019	No High School	61	165	Married	[5000, 6000)	Never
## 1020	High School	71	200	Married	[7000, 8000)	Until Pregnant
## 1021	Some High School	70	155	Married	[6000, 7000)	Now
## 1022	High School	NA	NA	Married	[8000, 9000)	Never
## 1023	Some High School	72	180	Married	[7000, 8000)	Now
## 1024	High School	75	173	Married	[6000, 7000)	Never
## 1025	Some College	75	190	Married	[7000, 8000)	Once, Not Now
## 1026	High School	NA	NA	Married	[2500, 5000)	Never
## 1027	Some College	74	220	Married	[2500, 5000)	Never
## 1028	High School	70	210	Married	[9000, 10000)	Now
## 1029	College	71	140	Married	[10000, 12500)	Never

## 1030	Some College	NA	NA	Married	[10000, 12500)	Until Pregnant
## 1031	College	NA	NA	Married	[8000, 9000)	Never
## 1032	Some High School	73	165	Married	[9000, 10000)	Never
## 1033	Some College	NA	NA	Married	[7000, 8000)	Never
## 1034	Some College	68	166	Married	[8000, 9000)	Once, Not Now
## 1035	College	76	185	Married	[2500, 5000)	Never
## 1036	College	73	200	Married	[7000, 8000)	Once, Not Now
## 1037	College	NA	NA	Married	[7000, 8000)	Never
## 1038	College	NA	NA	Married	[2500, 5000)	Never
## 1039	College	72	190	Married	[10000, 12500)	Never
## 1040	College	72	173	Married	[7000, 8000)	Never
## 1041	College	72	178	Married	[6000, 7000)	Now
## 1042	Some College	NA	NA	Married	[5000, 6000)	Never
## 1043	Some College	70	168	Married	[7000, 8000)	Never
## 1044	College	71	175	Married	15000+	Now
## 1045	Some High School	NA	NA	Married	[2500, 5000)	Until Pregnant
## 1046	High School	69	140	Married	[9000, 10000)	Never
## 1047	Some High School	75	198	Married	[8000, 9000)	Now
## 1048	Some High School	68	145	Married	[6000, 7000)	Never
## 1049	Some College	71	165	Married	[5000, 6000)	Never
## 1050	Some High School	66	146	Married	[6000, 7000)	Never
## 1051	Some High School	68	165	Married	Unknown	Now
## 1052	College	NA	NA	Married	[8000, 9000)	Now
## 1053	High School	64	123	Married	< 2500	Until Pregnant
## 1054	Some College	72	210	Married	[2500, 5000)	Never
## 1055	High School	74	190	Married	Unknown	Never
## 1056	High School	64	150	Married	[2500, 5000)	Now
## 1057	College	73	170	Married	[7000, 8000)	Once, Not Now
## 1058	High School	73	183	Married	[5000, 6000)	Now
## 1059	Some College	70	188	Married	[8000, 9000)	Now
## 1060	College	NA	NA	Married	Unknown	Now
## 1061	High School	68	206	Married	[8000, 9000)	Never
## 1062	Some High School	73	185	Married	[10000, 12500)	Now
## 1063	Trade	73	187	Married	Unknown	Now
## 1064	High School	73	190	Married	[6000, 7000)	Never
## 1065	Some College	NA	NA	Married	[7000, 8000)	Now
## 1066	Some College	69	160	Married	[6000, 7000)	Now
## 1067	High School	67	166	Married	Unknown	Never
## 1068	High School	67	149	Married	[10000, 12500)	Never
## 1069	Some College	70	155	Married	Unknown	Once, Not Now
## 1070	High School	73	200	Married	[2500, 5000)	Now
## 1071	Some High School	NA	NA	Married	15000+	Never
## 1072	High School	73	150	Once	[2500, 5000)	Now
## 1073	High School	73	170	Married	Unknown	Now
## 1074	College	71	165	Married	[8000, 9000)	Never
## 1075	Some High School	70	140	Married	Unknown	Once, Not Now
## 1076	High School	70	170	Married	[8000, 9000)	Until Pregnant
## 1077	Some College	68	160	Married	[8000, 9000)	Never
## 1078	Some High School	69	152	Married	[6000, 7000)	Never
## 1079	Some College	67	160	Married	[10000, 12500)	Never
## 1080	Unknown	74	170	Once	[5000, 6000)	Until Pregnant
## 1081	Some College	NA	NA	Married	< 2500	Never
## 1082	High School	75	175	Married	[10000, 12500)	Never
## 1083	Some College	71	170	Married	Unknown	Never

## 1084	High School	71	220	Married	[10000, 12500)	Never
## 1085	College	71	168	Married	[10000, 12500)	Never
## 1086	Some College	68	165	Married	[9000, 10000)	Never
## 1087	High School	NA	NA	Married	[7000, 8000)	Now
## 1088	College	71	160	Married	[7000, 8000)	Never
## 1089	Some College	68	140	Married	Unknown	Now
## 1090	High School	72	185	Married	[10000, 12500)	Now
## 1091	College	72	155	Married	[7000, 8000)	Now
## 1092	Some High School	NA	185	Married	[8000, 9000)	Never
## 1093	High School	71	170	Married	[2500, 5000)	Until Pregnant
## 1094	Some College	74	180	Married	[6000, 7000)	Never
## 1095	Some College	73	190	Married	[8000, 9000)	Never
## 1096	High School	74	180	Married	Unknown	Never
## 1097	Some College	69	185	Married	[8000, 9000)	Never
## 1098	High School	61	110	Married	[10000, 12500)	Never
## 1099	Some High School	72	188	Married	[8000, 9000)	Never
## 1100	High School	NA	NA	Once	[2500, 5000)	Never
## 1101	College	71	190	Married	[8000, 9000)	Never
## 1102	Some High School	70	175	Married	[6000, 7000)	Now
## 1103	High School	65	134	Married	15000+	Now
## 1104	Some College	69	169	Married	[10000, 12500)	Never
## 1105	Some High School	72	140	Married	< 2500	Until Pregnant
## 1106	High School	74	215	Married	Unknown	Now
## 1107	College	68	150	Married	[7000, 8000)	Now
## 1108	Some College	72	140	Married	Unknown	Now
## 1109	College	65	140	Married	[8000, 9000)	Once, Not Now
## 1110	Some College	74	158	Married	[10000, 12500)	Now
## 1111	Some College	70	165	Once	[10000, 12500)	Never
## 1112	Some College	70	208	Married	Unknown	Never
## 1113	High School	70	185	Married	[5000, 6000)	Never
## 1114	Some College	69	185	Married	[7000, 8000)	Until Pregnant
## 1115	Some College	69	165	Married	[8000, 9000)	Until Pregnant
## 1116	Some College	69	165	Married	[6000, 7000)	Once, Not Now
## 1117	High School	66	136	Married	[7000, 8000)	Never
## 1118	College	NA	NA	Married	[8000, 9000)	Until Pregnant
## 1119	Some College	71	215	Married	[5000, 6000)	Now
## 1120	Some High School	NA	NA	Married	[2500, 5000)	Until Pregnant
## 1121	Some College	NA	NA	Married	[7000, 8000)	Never
## 1122	High School	68	160	Married	[6000, 7000)	Never
## 1123	College	NA	NA	Married	[5000, 6000)	Never
## 1124	Some High School	NA	NA	Once	Unknown	Now
## 1125	Some High School	NA	NA	Married	[10000, 12500)	Until Pregnant
## 1126	Some College	67	150	Married	[7000, 8000)	Never
## 1127	Some College	65	140	Married	[2500, 5000)	Until Pregnant
## 1128	No High School	69	199	Married	[5000, 6000)	Now
## 1129	College	68	175	Married	[9000, 10000)	Never
## 1130	Some College	77	195	Married	[12500, 15000)	Never
## 1131	College	66	150	Married	[10000, 12500)	Now
## 1132	High School	69	150	Married	[2500, 5000)	Never
## 1133	Some High School	NA	NA	Married	[6000, 7000)	Now
## 1134	High School	75	170	Married	Unknown	Now
## 1135	Some High School	71	205	Married	[2500, 5000)	Never
## 1136	Trade	NA	NA	Married	Unknown	Now
## 1137	College	68	150	Married	[2500, 5000)	Now

## 1138	College	70	150	Married	[6000, 7000)	Never
## 1139	High School	71	135	Married	[8000, 9000)	Never
## 1140	College	66	130	Married	[10000, 12500)	Never
## 1141	Some College	69	173	Married	[2500, 5000)	Never
## 1142	High School	73	190	Married	[10000, 12500)	Now
## 1143	Some College	NA	NA	Never	Unknown	Never
## 1144	Some High School	71	180	Married	[2500, 5000)	Now
## 1145	Some College	78	245	Married	[7000, 8000)	Never
## 1146	Some College	69	170	Married	[5000, 6000)	Now
## 1147	High School	66	140	Married	Unknown	Never
## 1148	High School	71	165	Married	[5000, 6000)	Now
## 1149	High School	72	170	Married	[7000, 8000)	Now
## 1150	High School	NA	NA	Married	[10000, 12500)	Now
## 1151	Some College	65	135	Married	[6000, 7000)	Now
## 1152	Some College	69	140	Married	[10000, 12500)	Until Pregnant
## 1153	Some College	68	140	Married	[2500, 5000)	Now
## 1154	College	75	195	Married	< 2500	Never
## 1155	High School	71	175	Married	[5000, 6000)	Now
## 1156	Some High School	67	165	Married	[2500, 5000)	Never
## 1157	College	67	145	Married	[5000, 6000)	Never
## 1158	Some College	NA	NA	Married	[2500, 5000)	Until Pregnant
## 1159	High School	NA	NA	Married	[2500, 5000)	Never
## 1160	High School	69	165	Married	[9000, 10000)	Now
## 1161	High School	NA	NA	Married	[7000, 8000)	Never
## 1162	High School	71	170	Married	[8000, 9000)	Now
## 1163	College	71	260	Married	[10000, 12500)	Now
## 1164	Some College	68	140	Married	[2500, 5000)	Until Pregnant
## 1165	Some High School	73	165	Married	[5000, 6000)	Now
## 1166	College	66	170	Married	[10000, 12500)	Until Pregnant
## 1167	Unknown	71	200	Married	[8000, 9000)	Never
## 1168	Some High School	71	170	Married	Unknown	Never
## 1169	High School	71	160	Married	[7000, 8000)	Now
## 1170	Some High School	68	145	Married	Unknown	Now
## 1171	Some College	71	175	Married	[2500, 5000)	Now
## 1172	Some High School	65	120	Married	[8000, 9000)	Never
## 1173	Trade	72	175	Married	Unknown	Never
## 1174	Some College	68	NA	Married	[6000, 7000)	Never
## 1175	Some College	72	163	Married	[6000, 7000)	Now
## 1176	College	69	170	Married	[2500, 5000)	Now
## 1177	Some High School	65	160	Married	[2500, 5000)	Now
## 1178	High School	NA	NA	Married	[2500, 5000)	Once, Not Now
## 1179	High School	68	138	Married	[5000, 6000)	Never
## 1180	College	NA	NA	Married	[10000, 12500)	Now
## 1181	Some College	72	155	Married	[10000, 12500)	Once, Not Now
## 1182	College	71	160	Married	[12500, 15000)	Never
## 1183	Some High School	74	167	Married	[6000, 7000)	Now
## 1184	Some High School	71	195	Married	Unknown	Never
## 1185	Some High School	72	170	Married	Unknown	Once, Not Now
## 1186	High School	NA	NA	Married	[5000, 6000)	Never
## 1187	High School	71	137	Married	[5000, 6000)	Now
## 1188	High School	69	180	Married	[2500, 5000)	Now
## 1189	College	74	190	Married	15000+	Once, Not Now
## 1190	Some High School	NA	NA	Married	[2500, 5000)	Now
## 1191	College	67	160	Married	[8000, 9000)	Never

##	1192	Some High School	73	180	Married	Unknown	Now
##	1193	Some High School	70	220	Married	[7000, 8000)	Never
##	1194	High School	73	190	Married	[5000, 6000)	Never
##	1195	No High School	75	215	Married	[5000, 6000)	Now
##	1196	Some High School	74	172	Once	[8000, 9000)	Now
##	1197	College	64	145	Married	[6000, 7000)	Now
##	1198	Some High School	71	176	Once	Unknown	Now
##	1199	High School	68	180	Married	[2500, 5000)	Now
##	1200	High School	69	170	Married	[2500, 5000)	Never
##	1201	Some College	75	183	Married	[5000, 6000)	Now
##	1202	College	NA	NA	Married	[5000, 6000)	Once, Not Now
##	1203	Some High School	69	155	Married	[12500, 15000)	Never
##	1204	College	71	185	Married	[8000, 9000)	Now
##	1205	College	67	155	Married	[2500, 5000)	Never
##	1206	High School	69	167	Married	[10000, 12500)	Never
##	1207	High School	72	NA	Married	< 2500	Now
##	1208	Some College	67	140	Married	Unknown	Now
##	1209	High School	69	195	Married	[5000, 6000)	Now
##	1210	Some High School	71	165	Married	[9000, 10000)	Once, Not Now
##	1211	College	71	185	Married	[9000, 10000)	Now
##	1212	Some High School	67	150	Married	[5000, 6000)	Now
##	1213	Some College	74	245	Married	[12500, 15000)	Until Pregnant
##	1214	No High School	69	185	Married	Unknown	Once, Not Now
##	1215	High School	68	170	Married	[7000, 8000)	Never
##	1216	Some College	NA	NA	Married	[6000, 7000)	Now
##	1217	High School	64	130	Married	< 2500	Never
##	1218	College	73	180	Married	15000+	Never
##	1219	High School	67	160	Married	Unknown	Now
##	1220	Some High School	70	190	Married	[8000, 9000)	Never
##	1221	High School	73	150	Married	[5000, 6000)	Never
##	1222	High School	73	150	Married	[2500, 5000)	Now
##	1223	College	70	140	Married	Unknown	Now
##	1224	Some College	73	201	Married	Unknown	Now
##	1225	Unknown	NA	NA	Married	[2500, 5000)	Now
##	1226	High School	NA	NA	Married	15000+	Now
##	1227	High School	66	140	Married	[6000, 7000)	Now
##	1228	Some High School	71	182	Married	[2500, 5000)	Now
##	1229	College	NA	170	Married	[6000, 7000)	Never
##	1230	College	66	140	Married	[10000, 12500)	Once, Not Now
##	1231	Some High School	69	200	Married	[6000, 7000)	Once, Not Now
##	1232	Some College	72	190	Married	[7000, 8000)	Never
##	1233	College	73	170	Married	[6000, 7000)	Never
##	1234	College	70	180	Married	[6000, 7000)	Now
##	1235	College	71	165	Married	[2500, 5000)	Never
##	1236	Some High School	68	172	Married	[9000, 10000)	Never
##	number						
##	1	Never					
##	2	Never					
##	3	1-4					
##	4	20-29					
##	5	20-29					
##	6	5-9					
##	7	Never					
##	8	Never					

## 9	Never
## 10	15-19
## 11	5-9
## 12	1-4
## 13	1-4
## 14	5-9
## 15	Never
## 16	Never
## 17	20-29
## 18	20-29
## 19	Never
## 20	30-39
## 21	Never
## 22	Unknown
## 23	20-29
## 24	Never
## 25	1-4
## 26	20-29
## 27	1-4
## 28	5-9
## 29	Never
## 30	20-29
## 31	Never
## 32	1-4
## 33	1-4
## 34	Never
## 35	Never
## 36	Never
## 37	20-29
## 38	20-29
## 39	1-4
## 40	Never
## 41	Never
## 42	Never
## 43	20-29
## 44	1-4
## 45	20-29
## 46	40-60
## 47	1-4
## 48	Never
## 49	Never
## 50	1-4
## 51	Never
## 52	20-29
## 53	Never
## 54	Never
## 55	5-9
## 56	Never
## 57	20-29
## 58	5-9
## 59	Never
## 60	1-4
## 61	Never
## 62	Never

## 63	15-19
## 64	15-19
## 65	10-14
## 66	5-9
## 67	Never
## 68	20-29
## 69	30-39
## 70	1-4
## 71	Never
## 72	Never
## 73	5-9
## 74	Never
## 75	20-29
## 76	Never
## 77	20-29
## 78	Never
## 79	5-9
## 80	20-29
## 81	1-4
## 82	Never
## 83	5-9
## 84	5-9
## 85	Never
## 86	1-4
## 87	Never
## 88	Never
## 89	20-29
## 90	20-29
## 91	Never
## 92	Never
## 93	Never
## 94	1-4
## 95	20-29
## 96	Never
## 97	1-4
## 98	Never
## 99	1-4
## 100	15-19
## 101	20-29
## 102	Never
## 103	Never
## 104	5-9
## 105	10-14
## 106	5-9
## 107	Never
## 108	Never
## 109	Never
## 110	Never
## 111	5-9
## 112	Never
## 113	1-4
## 114	Never
## 115	30-39
## 116	1-4

## 117	5-9
## 118	Never
## 119	40-60
## 120	40-60
## 121	Never
## 122	Never
## 123	Never
## 124	Never
## 125	Never
## 126	5-9
## 127	20-29
## 128	30-39
## 129	Never
## 130	Never
## 131	Never
## 132	10-14
## 133	20-29
## 134	Never
## 135	1-4
## 136	Never
## 137	5-9
## 138	Never
## 139	20-29
## 140	Never
## 141	15-19
## 142	10-14
## 143	5-9
## 144	Never
## 145	10-14
## 146	Never
## 147	Never
## 148	30-39
## 149	10-14
## 150	Never
## 151	Never
## 152	1-4
## 153	Never
## 154	Never
## 155	Unknown
## 156	Never
## 157	20-29
## 158	1-4
## 159	Never
## 160	Never
## 161	15-19
## 162	Never
## 163	Never
## 164	Never
## 165	5-9
## 166	10-14
## 167	20-29
## 168	10-14
## 169	20-29
## 170	Unknown

##	171	Never
##	172	20-29
##	173	Never
##	174	Never
##	175	Never
##	176	20-29
##	177	Never
##	178	1-4
##	179	Never
##	180	10-14
##	181	Never
##	182	30-39
##	183	Never
##	184	Never
##	185	Never
##	186	30-39
##	187	1-4
##	188	Never
##	189	Never
##	190	20-29
##	191	20-29
##	192	1-4
##	193	20-29
##	194	30-39
##	195	5-9
##	196	Never
##	197	1-4
##	198	5-9
##	199	1-4
##	200	Never
##	201	Never
##	202	Never
##	203	20-29
##	204	Never
##	205	Never
##	206	Never
##	207	10-14
##	208	1-4
##	209	1-4
##	210	20-29
##	211	5-9
##	212	Never
##	213	20-29
##	214	Never
##	215	Never
##	216	Never
##	217	15-19
##	218	Never
##	219	Unknown
##	220	30-39
##	221	5-9
##	222	20-29
##	223	Never
##	224	1-4

##	225	Never
##	226	Never
##	227	Never
##	228	40-60
##	229	15-19
##	230	1-4
##	231	5-9
##	232	Never
##	233	1-4
##	234	1-4
##	235	Never
##	236	1-4
##	237	Never
##	238	Never
##	239	Never
##	240	Never
##	241	20-29
##	242	20-29
##	243	10-14
##	244	1-4
##	245	5-9
##	246	Never
##	247	Never
##	248	1-4
##	249	1-4
##	250	Never
##	251	1-4
##	252	Never
##	253	Never
##	254	20-29
##	255	Unknown
##	256	Unknown
##	257	15-19
##	258	Never
##	259	Never
##	260	1-4
##	261	Never
##	262	20-29
##	263	5-9
##	264	Never
##	265	5-9
##	266	5-9
##	267	30-39
##	268	Never
##	269	20-29
##	270	20-29
##	271	Never
##	272	Never
##	273	10-14
##	274	15-19
##	275	40-60
##	276	Never
##	277	5-9
##	278	Never

## 279	20-29
## 280	Unknown
## 281	1-4
## 282	1-4
## 283	1-4
## 284	5-9
## 285	1-4
## 286	Never
## 287	20-29
## 288	Never
## 289	Never
## 290	Never
## 291	Never
## 292	10-14
## 293	40-60
## 294	20-29
## 295	Never
## 296	5-9
## 297	1-4
## 298	5-9
## 299	20-29
## 300	30-39
## 301	Never
## 302	10-14
## 303	Unknown
## 304	1-4
## 305	1-4
## 306	1-4
## 307	10-14
## 308	Never
## 309	5-9
## 310	1-4
## 311	5-9
## 312	10-14
## 313	20-29
## 314	5-9
## 315	10-14
## 316	10-14
## 317	10-14
## 318	1-4
## 319	Never
## 320	Never
## 321	1-4
## 322	Never
## 323	Never
## 324	Never
## 325	Never
## 326	Never
## 327	10-14
## 328	5-9
## 329	Never
## 330	5-9
## 331	Never
## 332	5-9

##	333	20-29
##	334	Unknown
##	335	Never
##	336	Unknown
##	337	1-4
##	338	Never
##	339	Never
##	340	5-9
##	341	1-4
##	342	30-39
##	343	20-29
##	344	20-29
##	345	Never
##	346	Never
##	347	5-9
##	348	20-29
##	349	5-9
##	350	Never
##	351	20-29
##	352	Never
##	353	1-4
##	354	1-4
##	355	20-29
##	356	Never
##	357	Never
##	358	Never
##	359	5-9
##	360	5-9
##	361	Never
##	362	5-9
##	363	Never
##	364	20-29
##	365	Never
##	366	Never
##	367	Never
##	368	1-4
##	369	20-29
##	370	Never
##	371	Never
##	372	1-4
##	373	Never
##	374	1-4
##	375	20-29
##	376	30-39
##	377	20-29
##	378	Never
##	379	5-9
##	380	Never
##	381	Never
##	382	1-4
##	383	Never
##	384	5-9
##	385	Never
##	386	Never

## 387	5-9
## 388	15-19
## 389	20-29
## 390	Never
## 391	Never
## 392	5-9
## 393	Never
## 394	20-29
## 395	10-14
## 396	15-19
## 397	20-29
## 398	40-60
## 399	Never
## 400	5-9
## 401	Never
## 402	Never
## 403	Never
## 404	Never
## 405	Never
## 406	Never
## 407	40-60
## 408	Never
## 409	10-14
## 410	Never
## 411	1-4
## 412	Never
## 413	Never
## 414	Never
## 415	40-60
## 416	10-14
## 417	Never
## 418	5-9
## 419	10-14
## 420	Never
## 421	5-9
## 422	Never
## 423	5-9
## 424	5-9
## 425	Never
## 426	Never
## 427	Never
## 428	5-9
## 429	1-4
## 430	Never
## 431	Never
## 432	1-4
## 433	Unknown
## 434	20-29
## 435	1-4
## 436	Never
## 437	Never
## 438	5-9
## 439	Never
## 440	Never

##	441	Never
##	442	5-9
##	443	20-29
##	444	10-14
##	445	Never
##	446	Never
##	447	5-9
##	448	20-29
##	449	5-9
##	450	Never
##	451	Never
##	452	Never
##	453	Never
##	454	20-29
##	455	Unknown
##	456	20-29
##	457	Never
##	458	20-29
##	459	Never
##	460	5-9
##	461	Never
##	462	Never
##	463	20-29
##	464	5-9
##	465	20-29
##	466	5-9
##	467	1-4
##	468	Never
##	469	20-29
##	470	Never
##	471	Never
##	472	10-14
##	473	Never
##	474	20-29
##	475	10-14
##	476	10-14
##	477	1-4
##	478	5-9
##	479	Never
##	480	20-29
##	481	10-14
##	482	Never
##	483	1-4
##	484	10-14
##	485	20-29
##	486	1-4
##	487	Never
##	488	10-14
##	489	10-14
##	490	Unknown
##	491	1-4
##	492	5-9
##	493	5-9
##	494	Never

##	495	Never
##	496	Never
##	497	5-9
##	498	Never
##	499	1-4
##	500	1-4
##	501	20-29
##	502	5-9
##	503	5-9
##	504	1-4
##	505	20-29
##	506	Never
##	507	Never
##	508	Never
##	509	20-29
##	510	1-4
##	511	Never
##	512	Never
##	513	5-9
##	514	Never
##	515	1-4
##	516	10-14
##	517	10-14
##	518	20-29
##	519	1-4
##	520	20-29
##	521	Never
##	522	Never
##	523	5-9
##	524	5-9
##	525	Never
##	526	Never
##	527	5-9
##	528	30-39
##	529	5-9
##	530	Never
##	531	Never
##	532	5-9
##	533	5-9
##	534	Never
##	535	Never
##	536	5-9
##	537	Never
##	538	1-4
##	539	20-29
##	540	Never
##	541	Never
##	542	Never
##	543	20-29
##	544	5-9
##	545	Never
##	546	10-14
##	547	20-29
##	548	10-14

##	549	20-29
##	550	Never
##	551	Never
##	552	Never
##	553	1-4
##	554	5-9
##	555	1-4
##	556	Never
##	557	Never
##	558	5-9
##	559	Never
##	560	Never
##	561	1-4
##	562	20-29
##	563	40-60
##	564	Never
##	565	20-29
##	566	Never
##	567	Never
##	568	40-60
##	569	40-60
##	570	5-9
##	571	5-9
##	572	Never
##	573	20-29
##	574	20-29
##	575	15-19
##	576	20-29
##	577	Never
##	578	Never
##	579	Never
##	580	Never
##	581	Never
##	582	10-14
##	583	20-29
##	584	Never
##	585	Never
##	586	10-14
##	587	10-14
##	588	5-9
##	589	Never
##	590	20-29
##	591	5-9
##	592	1-4
##	593	Never
##	594	30-39
##	595	5-9
##	596	Never
##	597	Never
##	598	5-9
##	599	Never
##	600	Never
##	601	Unknown
##	602	10-14

## 603	5-9
## 604	1-4
## 605	20-29
## 606	1-4
## 607	1-4
## 608	20-29
## 609	15-19
## 610	20-29
## 611	Never
## 612	5-9
## 613	10-14
## 614	Never
## 615	Never
## 616	Never
## 617	Never
## 618	5-9
## 619	20-29
## 620	1-4
## 621	Never
## 622	20-29
## 623	20-29
## 624	Never
## 625	10-14
## 626	Never
## 627	20-29
## 628	Never
## 629	Never
## 630	Never
## 631	Never
## 632	1-4
## 633	Never
## 634	5-9
## 635	20-29
## 636	1-4
## 637	Never
## 638	5-9
## 639	1-4
## 640	1-4
## 641	20-29
## 642	Unknown
## 643	Never
## 644	20-29
## 645	Never
## 646	Never
## 647	1-4
## 648	5-9
## 649	15-19
## 650	1-4
## 651	Never
## 652	Never
## 653	Never
## 654	5-9
## 655	Never
## 656	5-9

## 657	15-19
## 658	Never
## 659	Never
## 660	20-29
## 661	1-4
## 662	Never
## 663	15-19
## 664	Never
## 665	1-4
## 666	Unknown
## 667	10-14
## 668	1-4
## 669	30-39
## 670	Never
## 671	5-9
## 672	Unknown
## 673	5-9
## 674	Never
## 675	Never
## 676	20-29
## 677	10-14
## 678	5-9
## 679	5-9
## 680	Never
## 681	Never
## 682	Never
## 683	20-29
## 684	Never
## 685	5-9
## 686	20-29
## 687	Never
## 688	Never
## 689	30-39
## 690	Never
## 691	20-29
## 692	Never
## 693	20-29
## 694	1-4
## 695	30-39
## 696	Never
## 697	40-60
## 698	1-4
## 699	5-9
## 700	30-39
## 701	20-29
## 702	Never
## 703	1-4
## 704	Never
## 705	Never
## 706	Never
## 707	5-9
## 708	Never
## 709	1-4
## 710	Never

## 711	5-9
## 712	10-14
## 713	20-29
## 714	Never
## 715	5-9
## 716	1-4
## 717	30-39
## 718	20-29
## 719	5-9
## 720	Never
## 721	Never
## 722	1-4
## 723	Never
## 724	Never
## 725	Never
## 726	Never
## 727	5-9
## 728	Never
## 729	Never
## 730	20-29
## 731	Never
## 732	Never
## 733	1-4
## 734	Never
## 735	20-29
## 736	5-9
## 737	Never
## 738	10-14
## 739	Never
## 740	Never
## 741	Never
## 742	5-9
## 743	5-9
## 744	Never
## 745	5-9
## 746	Never
## 747	1-4
## 748	Never
## 749	Never
## 750	Never
## 751	10-14
## 752	Never
## 753	Never
## 754	20-29
## 755	Never
## 756	20-29
## 757	5-9
## 758	Never
## 759	Never
## 760	1-4
## 761	1-4
## 762	5-9
## 763	20-29
## 764	Never

## 765	1-4
## 766	Never
## 767	20-29
## 768	Never
## 769	Unknown
## 770	1-4
## 771	5-9
## 772	Never
## 773	Never
## 774	Never
## 775	40-60
## 776	Never
## 777	Never
## 778	1-4
## 779	Never
## 780	Never
## 781	20-29
## 782	Never
## 783	5-9
## 784	20-29
## 785	20-29
## 786	5-9
## 787	Never
## 788	Never
## 789	Never
## 790	20-29
## 791	15-19
## 792	Never
## 793	5-9
## 794	5-9
## 795	Never
## 796	Never
## 797	Never
## 798	Never
## 799	10-14
## 800	10-14
## 801	Never
## 802	40-60
## 803	20-29
## 804	Never
## 805	10-14
## 806	Never
## 807	10-14
## 808	Never
## 809	5-9
## 810	Never
## 811	Never
## 812	20-29
## 813	20-29
## 814	Never
## 815	Never
## 816	Never
## 817	10-14
## 818	1-4

## 819	15-19
## 820	Never
## 821	10-14
## 822	Never
## 823	Never
## 824	Never
## 825	Never
## 826	Never
## 827	Never
## 828	Never
## 829	20-29
## 830	20-29
## 831	5-9
## 832	20-29
## 833	20-29
## 834	20-29
## 835	Never
## 836	1-4
## 837	5-9
## 838	Never
## 839	1-4
## 840	Never
## 841	Never
## 842	Never
## 843	Never
## 844	20-29
## 845	Never
## 846	1-4
## 847	Never
## 848	1-4
## 849	20-29
## 850	Never
## 851	1-4
## 852	20-29
## 853	30-39
## 854	Never
## 855	20-29
## 856	Never
## 857	Never
## 858	Never
## 859	Never
## 860	5-9
## 861	20-29
## 862	Never
## 863	Never
## 864	Unknown
## 865	5-9
## 866	1-4
## 867	Never
## 868	5-9
## 869	20-29
## 870	Never
## 871	Never
## 872	1-4

## 873	Never
## 874	Never
## 875	Never
## 876	Never
## 877	Never
## 878	5-9
## 879	5-9
## 880	Never
## 881	Never
## 882	Never
## 883	5-9
## 884	20-29
## 885	1-4
## 886	10-14
## 887	Never
## 888	5-9
## 889	Never
## 890	Never
## 891	Never
## 892	5-9
## 893	1-4
## 894	20-29
## 895	Never
## 896	40-60
## 897	15-19
## 898	Never
## 899	1-4
## 900	Never
## 901	Never
## 902	Never
## 903	20-29
## 904	20-29
## 905	Never
## 906	20-29
## 907	Never
## 908	20-29
## 909	5-9
## 910	Never
## 911	Never
## 912	30-39
## 913	5-9
## 914	20-29
## 915	Never
## 916	Never
## 917	Never
## 918	Never
## 919	1-4
## 920	1-4
## 921	Unknown
## 922	Never
## 923	Never
## 924	20-29
## 925	1-4
## 926	30-39

## 927	Never
## 928	20-29
## 929	30-39
## 930	Never
## 931	5-9
## 932	5-9
## 933	5-9
## 934	5-9
## 935	20-29
## 936	5-9
## 937	5-9
## 938	1-4
## 939	Never
## 940	1-4
## 941	30-39
## 942	5-9
## 943	Never
## 944	Never
## 945	5-9
## 946	Never
## 947	20-29
## 948	1-4
## 949	Never
## 950	20-29
## 951	1-4
## 952	Never
## 953	20-29
## 954	20-29
## 955	Never
## 956	1-4
## 957	Never
## 958	1-4
## 959	Never
## 960	Never
## 961	Never
## 962	10-14
## 963	Never
## 964	Never
## 965	Never
## 966	10-14
## 967	40-60
## 968	10-14
## 969	Never
## 970	10-14
## 971	Never
## 972	Never
## 973	Never
## 974	Never
## 975	Never
## 976	Never
## 977	1-4
## 978	Never
## 979	Never
## 980	20-29

## 981	Never
## 982	1-4
## 983	1-4
## 984	Never
## 985	20-29
## 986	20-29
## 987	1-4
## 988	20-29
## 989	10-14
## 990	Never
## 991	40-60
## 992	Never
## 993	1-4
## 994	60+
## 995	10-14
## 996	Never
## 997	Never
## 998	Never
## 999	Never
## 1000	20-29
## 1001	Never
## 1002	Never
## 1003	1-4
## 1004	15-19
## 1005	10-14
## 1006	10-14
## 1007	20-29
## 1008	20-29
## 1009	Never
## 1010	30-39
## 1011	20-29
## 1012	Never
## 1013	5-9
## 1014	5-9
## 1015	5-9
## 1016	5-9
## 1017	Never
## 1018	10-14
## 1019	Never
## 1020	1-4
## 1021	20-29
## 1022	Never
## 1023	5-9
## 1024	Never
## 1025	5-9
## 1026	Never
## 1027	Never
## 1028	20-29
## 1029	Never
## 1030	1-4
## 1031	Never
## 1032	Never
## 1033	Never
## 1034	1-4

##	1035	Never
##	1036	20-29
##	1037	Never
##	1038	Never
##	1039	Never
##	1040	Never
##	1041	10-14
##	1042	Never
##	1043	Never
##	1044	20-29
##	1045	20-29
##	1046	Never
##	1047	20-29
##	1048	Never
##	1049	Never
##	1050	Never
##	1051	1-4
##	1052	15-19
##	1053	10-14
##	1054	Never
##	1055	Never
##	1056	1-4
##	1057	20-29
##	1058	10-14
##	1059	20-29
##	1060	40-60
##	1061	Never
##	1062	10-14
##	1063	20-29
##	1064	Never
##	1065	20-29
##	1066	5-9
##	1067	Never
##	1068	Never
##	1069	1-4
##	1070	5-9
##	1071	Never
##	1072	20-29
##	1073	15-19
##	1074	Never
##	1075	20-29
##	1076	5-9
##	1077	Never
##	1078	Never
##	1079	Never
##	1080	1-4
##	1081	Never
##	1082	Never
##	1083	Never
##	1084	Never
##	1085	Never
##	1086	Never
##	1087	10-14
##	1088	Never

##	1089	5-9
##	1090	30-39
##	1091	30-39
##	1092	Never
##	1093	5-9
##	1094	Never
##	1095	Never
##	1096	Never
##	1097	Never
##	1098	Never
##	1099	Never
##	1100	Never
##	1101	Never
##	1102	5-9
##	1103	20-29
##	1104	Never
##	1105	20-29
##	1106	5-9
##	1107	40-60
##	1108	20-29
##	1109	20-29
##	1110	20-29
##	1111	Never
##	1112	Never
##	1113	Never
##	1114	5-9
##	1115	5-9
##	1116	10-14
##	1117	Never
##	1118	1-4
##	1119	30-39
##	1120	1-4
##	1121	Never
##	1122	Never
##	1123	Never
##	1124	15-19
##	1125	5-9
##	1126	Never
##	1127	1-4
##	1128	5-9
##	1129	Never
##	1130	Never
##	1131	10-14
##	1132	Never
##	1133	1-4
##	1134	5-9
##	1135	Never
##	1136	20-29
##	1137	30-39
##	1138	Never
##	1139	Never
##	1140	Never
##	1141	Never
##	1142	5-9

##	1143	Never
##	1144	20-29
##	1145	Never
##	1146	1-4
##	1147	Never
##	1148	10-14
##	1149	20-29
##	1150	20-29
##	1151	30-39
##	1152	1-4
##	1153	1-4
##	1154	Never
##	1155	20-29
##	1156	Never
##	1157	Never
##	1158	Unknown
##	1159	Never
##	1160	1-4
##	1161	Never
##	1162	5-9
##	1163	40-60
##	1164	20-29
##	1165	5-9
##	1166	20-29
##	1167	Never
##	1168	Never
##	1169	1-4
##	1170	1-4
##	1171	5-9
##	1172	Never
##	1173	Never
##	1174	Never
##	1175	20-29
##	1176	1-4
##	1177	30-39
##	1178	10-14
##	1179	Never
##	1180	20-29
##	1181	20-29
##	1182	Never
##	1183	10-14
##	1184	Never
##	1185	20-29
##	1186	Never
##	1187	10-14
##	1188	1-4
##	1189	20-29
##	1190	5-9
##	1191	Never
##	1192	5-9
##	1193	Never
##	1194	Never
##	1195	5-9
##	1196	20-29

```
## 1197 20-29
## 1198 20-29
## 1199 5-9
## 1200 Never
## 1201 5-9
## 1202 1-4
## 1203 Never
## 1204 20-29
## 1205 Never
## 1206 Never
## 1207 5-9
## 1208 5-9
## 1209 1-4
## 1210 20-29
## 1211 20-29
## 1212 20-29
## 1213 20-29
## 1214 20-29
## 1215 Never
## 1216 20-29
## 1217 Never
## 1218 Never
## 1219 10-14
## 1220 Never
## 1221 Never
## 1222 20-29
## 1223 5-9
## 1224 40-60
## 1225 1-4
## 1226 5-9
## 1227 20-29
## 1228 20-29
## 1229 Never
## 1230 1-4
## 1231 1-4
## 1232 Never
## 1233 Never
## 1234 5-9
## 1235 Never
## 1236 Never
```

```
set.seed(7)
mysample = sample(na.omit(infants$wt),10)
mysample
```

```
## [1] 116 162 115 117 135 140 132 145 150 135
```

1A

```
mysample = sample(na.omit(infants$wt),10)
n = length(mysample)
N = nrow(infants)
estimated_average = mean(mysample)
estimated_variance = sum((mysample - estimated_average)^2) / (n - 1)
estimated_SE = sqrt(estimated_variance)/sqrt(n) * sqrt((N - n)/N)
right = estimated_average + 1.96 * estimated_SE
left = estimated_average - 1.96 * estimated_SE
confidence_interval = paste("(", left, ",", right, ")")
print(estimated_SE)
```

```
## [1] 6.718929
```

```
print(confidence_interval)
```

```
## [1] "( 123.53090011499 , 149.86909988501 )"
```

1B

```
count = 0
for (i in 1:1000) {
  mysample = sample(na.omit(infants$wt),10)
  n = length(mysample)
  N = nrow(infants)
  estimated_average = mean(mysample)
  estimated_variance = sum((mysample - estimated_average)^2) / (n - 1)
  estimated_SE = sqrt(estimated_variance)/sqrt(n) * sqrt((N - n)/N)
  right = estimated_average + 1.96 * estimated_SE
  left = estimated_average - 1.96 * estimated_SE
  confidence_interval = paste("(", left, ",", right, ")")
  true_average = mean(na.omit(infants$wt))
  if (true_average > right || true_average < left){
    count = count + 1
  }
}
print(1000 - count)
```

```
## [1] 885
```

#I expect 950 of the estimates to cover the true average. However, the estimates only cover the true average about 890-920 times out of 100. This is less than expected because of the small sample size relative to the total population.

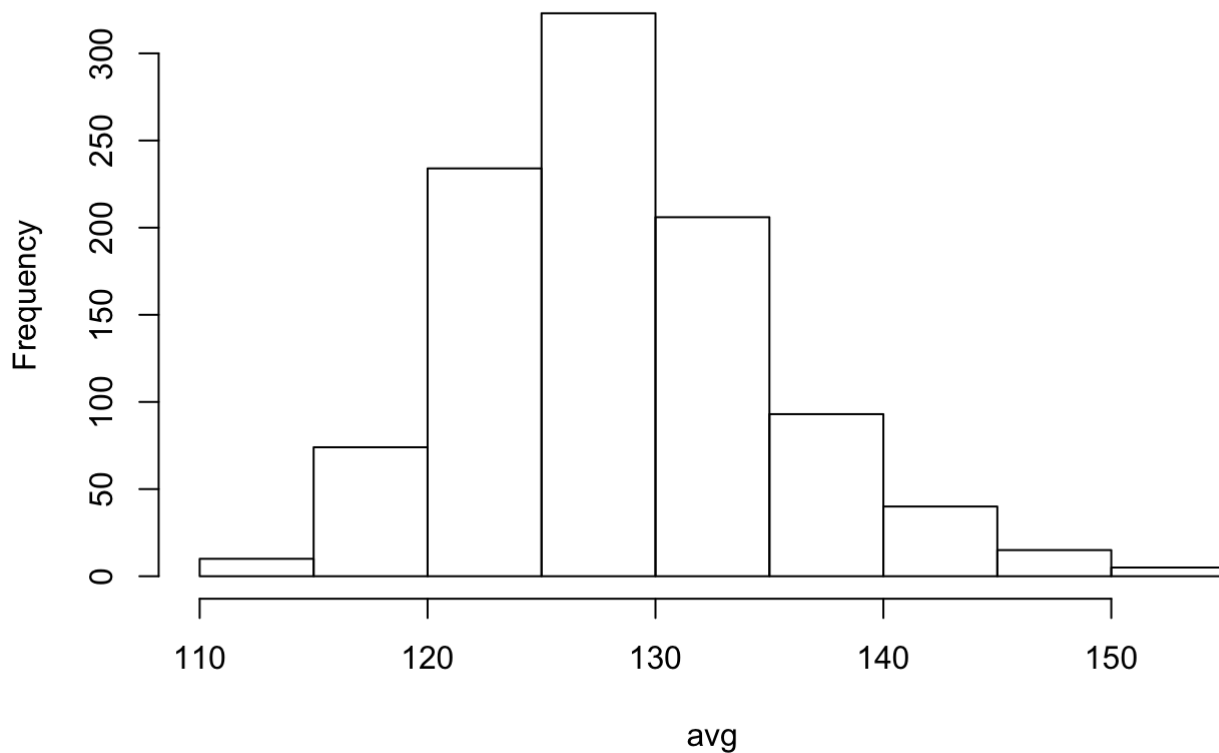
1c

```

avg = c()
for (i in 1:1000) {
  mysample = sample(na.omit(infants$wt),10)
  n = length(mysample)
  N = nrow(infants)
  estimated_average = mean(mysample)
  estimated_variance = sum((mysample - estimated_average)^2) / (n - 1)
  estimated_SE = sqrt(estimated_variance)/sqrt(n) * sqrt((N - n)/N)
  right = estimated_average + 1.96 * estimated_SE
  left = estimated_average - 1.96 * estimated_SE
  confidence_interval = paste("(", left, ",", right, ")")
  true_average = mean(na.omit(infants$wt))
  avg[i] = mean(mysample)
}
hist(avg)

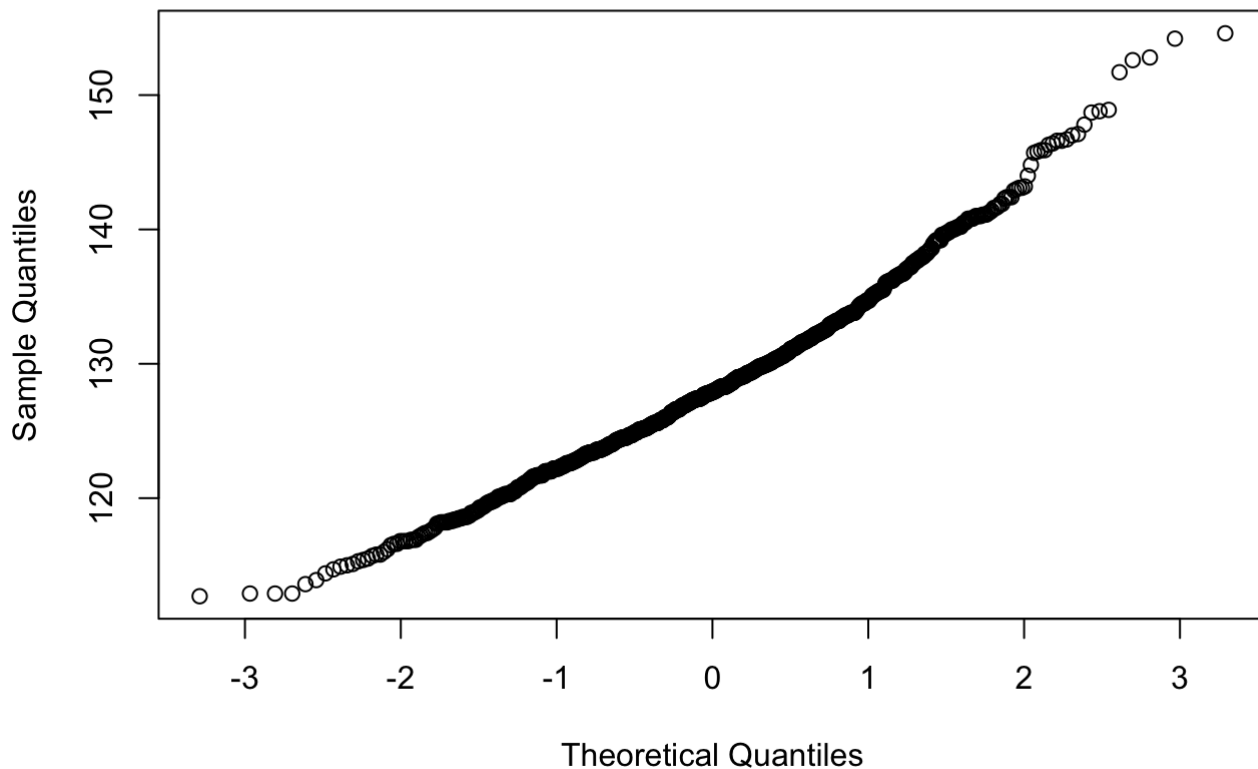
```

Histogram of avg



```
qqnorm(avg)
```


Normal Q-Q Plot

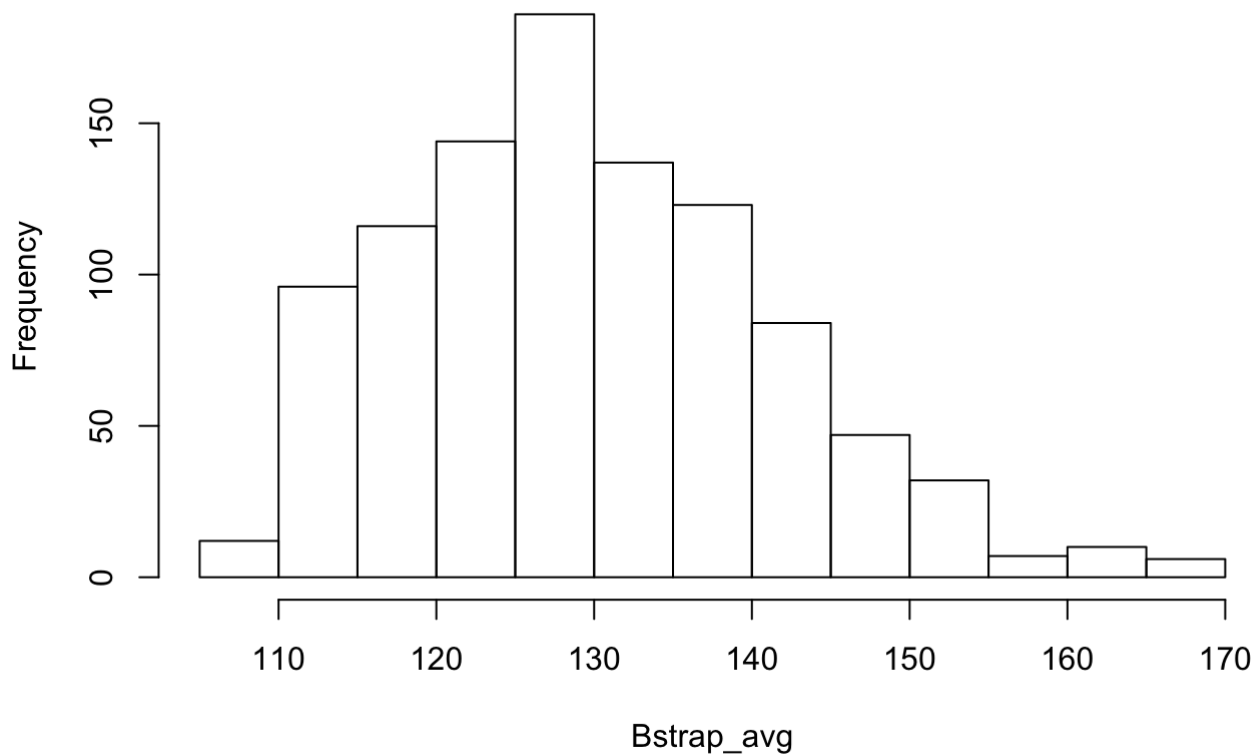


The confidence interval is valid. The histogram is similar to the the normal curve. Most of the avg are around 130 is closer to our expected average.

2a

```
bootStrap = function(mySample, popSize = NULL, B = 1000, repl = FALSE){  
  if (repl) {  
    # Bootstrap should be done the same way as original sample, usually without rep  
    return(replicate(B, mean(sample(mySample, length(mySample), TRUE))))  
  } else {  
    vals = sort(unique(mySample))  
    counts = table(mySample)  
    # makes the bootstrap pop as rounded version of sample, not quite right  
    bootPop = rep(vals, round(counts * popSize / length(mySample)))  
    return(list(bootPop,  
               bootSamps = replicate(B, mean(sample(bootPop, length(mySample), FALSE))))  
          )  
  }  
}  
Bstrap = bootStrap(mysample, N)  
Bstrap_avg = Bstrap[[2]]  
hist(Bstrap_avg)
```

Histogram of Bstrap_avg



```
sd(Bstrap_avg)
```

```
## [1] 11.6387
```

#Yes, It is close to the SE from 1a. It seems to be closer to the lower 1a SE range.

2b

```
q = quantile(Bstrap_avg, probs = seq(0, 1, by= 0.025)) # to find 2.5% and 97.5%
low = q[[2]]
high = q[[length(q) - 1]]
bootstrap_CI = paste("(", low, ", ", high, ")")
print(bootstrap_CI)
```

```
## [1] "( 111.295 , 154.5025 )"
```

#This interval is very similar to the Confidence Interval we calculated in 1a. This is definitely within the variance of CI in 1a

3a

```
mysample2 = sample(na.omit(infants$wt),100)
n2 = length(mysample2)
N2 = nrow(infants)
estimated_average2 = mean(mysample2)
estimated_variance2 = sum((mysample2 - estimated_average2)^2) / (n2 - 1)
estimated_SE2 = sqrt(estimated_variance2)/sqrt(n2) * sqrt((N2 - n2)/N2)
right2 = estimated_average2 + 1.96 * estimated_SE2
left2 = estimated_average2 - 1.96 * estimated_SE2
confidence_interval2 = paste("(", left2,",", right2,")")
print(estimated_SE2)
```

```
## [1] 2.240374
```

```
print(confidence_interval2)
```

```
## [1] "( 128.908867842422 , 137.691132157578 )"
```

3b

```
count2 = 0
for (i in 1:1000) {
  mysample2 = sample(na.omit(infants$wt),100)
  n2 = length(mysample2)
  N2 = nrow(infants)
  estimated_average2 = mean(mysample2)
  estimated_variance2 = sum((mysample2 - estimated_average2)^2) / (n2 - 1)
  estimated_SE2 = sqrt(estimated_variance2)/sqrt(n2) * sqrt((N2 - n2)/N2)
  right2 = estimated_average2 + 1.96 * estimated_SE2
  left2 = estimated_average2 - 1.96 * estimated_SE2
  confidence_interval2 = paste("(", left2,",", right2,")")
  true_average2 = mean(na.omit(infants$wt))
  if (true_average2 > right2 || true_average2 < left2){
    count2 = count2 + 1
  }
}
print(1000 - count2)
```

```
## [1] 953
```

#I expect 950 of the estimates to cover the true average. The estimates are much closer to my expectation, outcoming closer to 950. This is a closer than the outcome in 1b because of the bigger sample size. We are able to produce more accurate calculations

3c

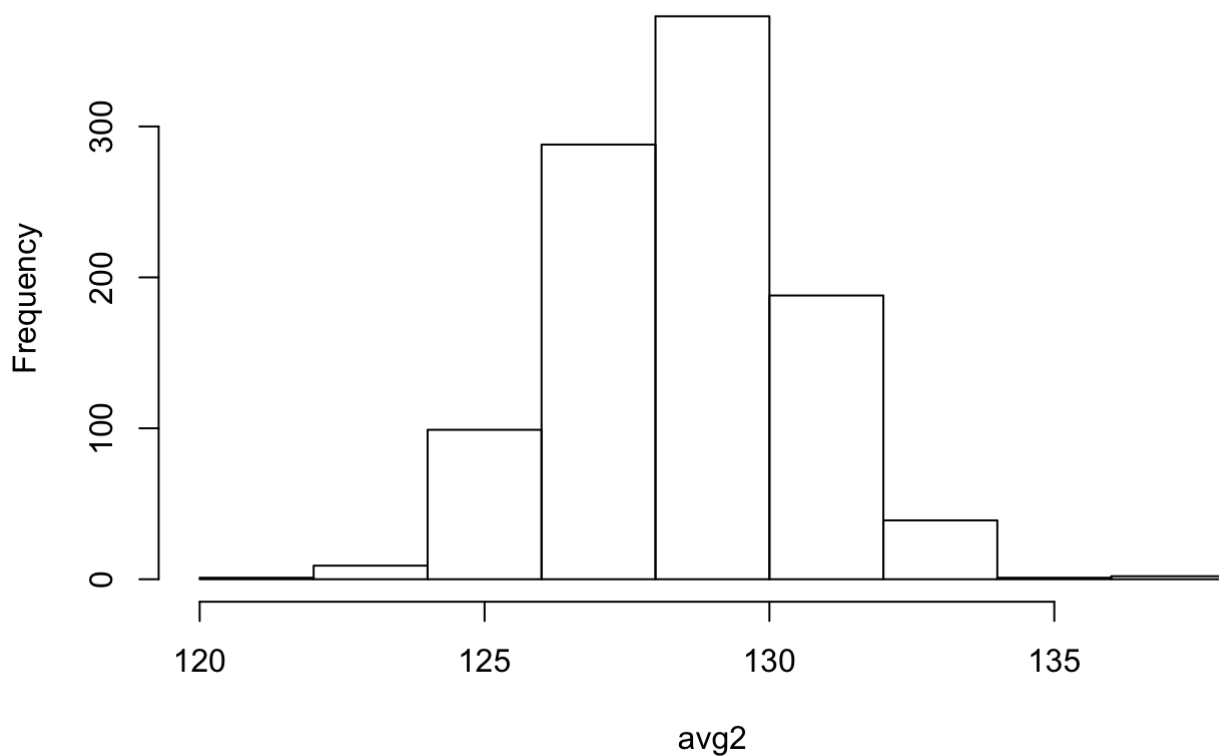
```

avg2 = c()
for (i in 1:1000) {
  mysample2 = sample(na.omit(infants$wt),100)
  n2 = length(mysample2)
  N2 = nrow(infants)
  estimated_average2 = mean(mysample2)
  estimated_variance2 = sum((mysample2 - estimated_average2)^2) / (n2 - 1)
  estimated_SE2 = sqrt(estimated_variance2)/sqrt(n2) * sqrt((N2 - n2)/N2)
  right2 = estimated_average2 + 1.96 * estimated_SE2
  left2 = estimated_average2 - 1.96 * estimated_SE2
  confidence_interval2 = paste("(", left2,",", right2,")")
  true_average2 = mean(na.omit(infants$wt))
  avg2[i] = mean(mysample2)
}

hist(avg2)

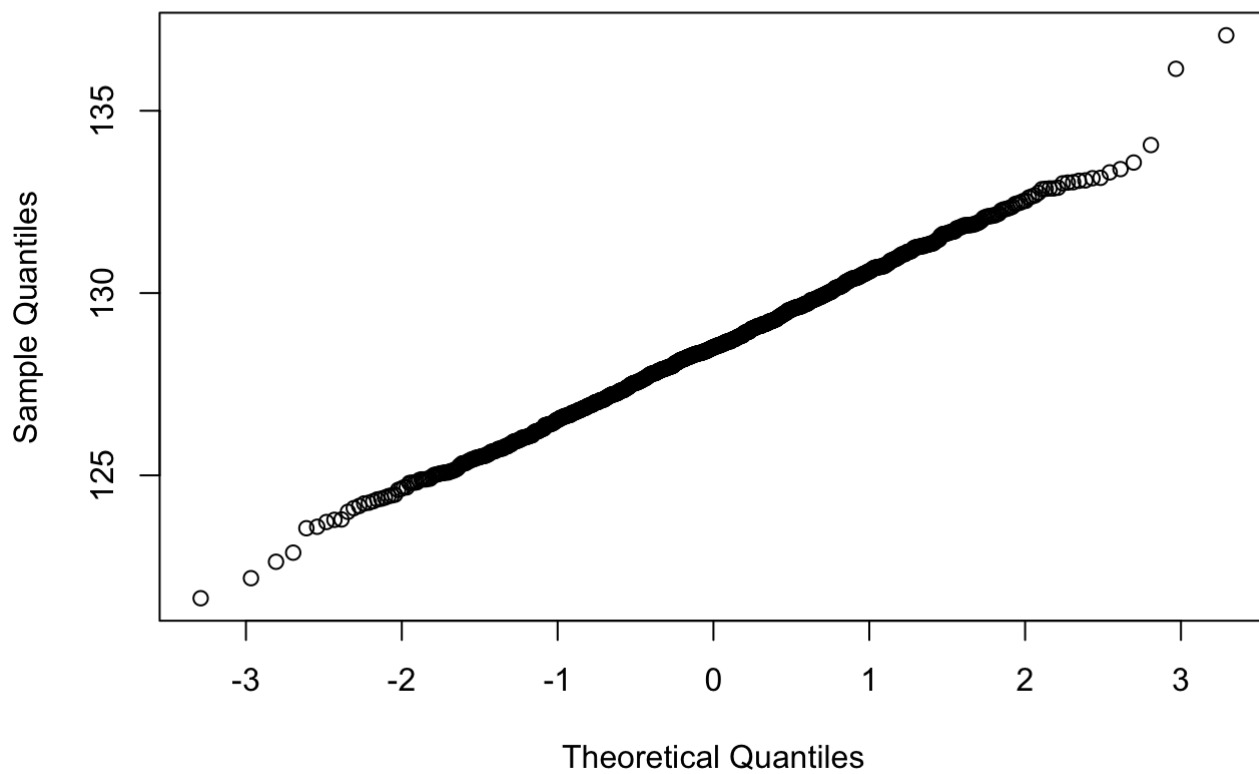
```

Histogram of avg2



```
qqnorm(avg2)
```

Normal Q-Q Plot

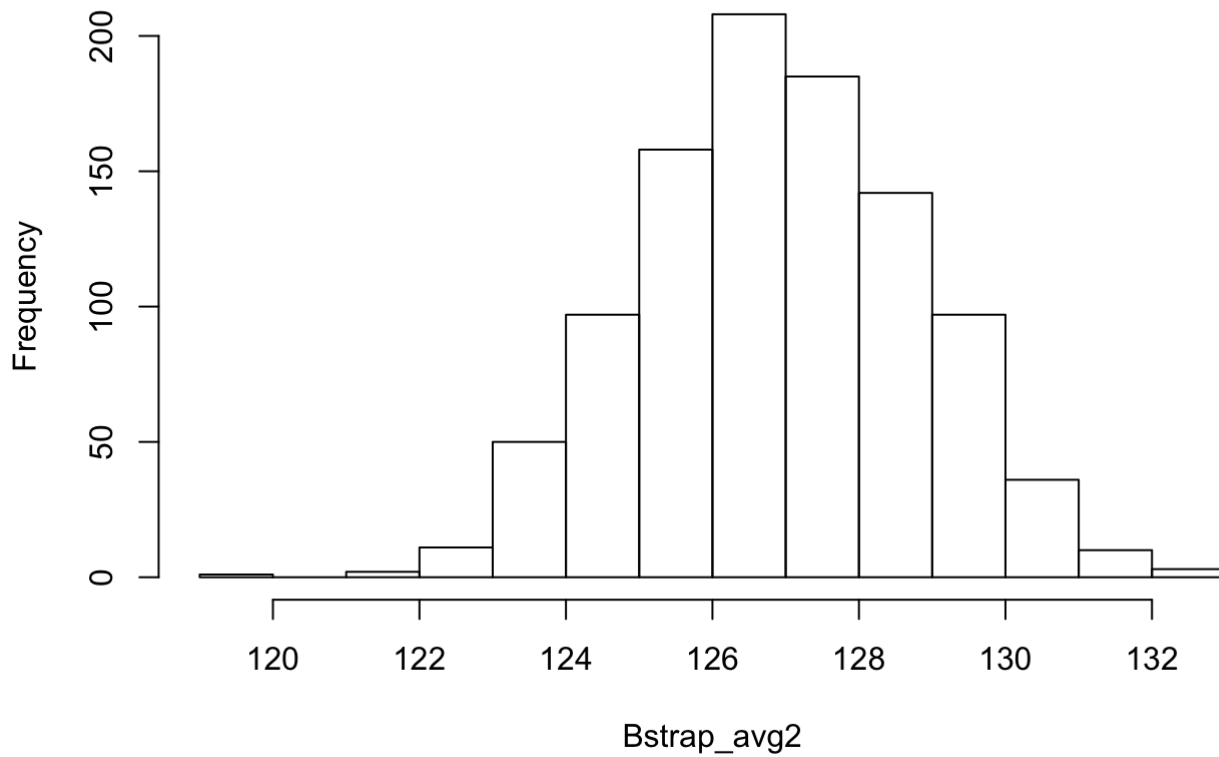


The confidence interval is valid. The histogram is even closer to the the normal curve. The CI will seems to cover the average 95% of the time.

3d

```
Bstrap2 = bootStrap(mysample2, N2)
Bstrap_avg2 = Bstrap2[[2]]
hist(Bstrap_avg2)
```

Histogram of Bstrap_avg2



```
sd(Bstrap_avg2)
```

```
## [1] 1.894437
```

#Yes, It is close to the SE from 3a. Due to the increased sample size, variance decrease s. Therefore, the SD increases with it. The estimation is more accuract with the bigger sample size.

3e

```
q2 = quantile(Bstrap_avg2, probs = seq(0, 1, by= 0.025)) # to find 2.5% and 97.5%
low2 = q2[[2]]
high2 = q2[[length(q2) - 1]]
bootstrap_CI2 = paste("(", low2, ", ", high2, ")")
print(bootstrap_CI2)
```

```
## [1] "( 123.25 , 130.51175 )"
```

#This interval is very similar to the Confidence Interval we calculated in 3a. Since there is a bigger sample size, the 95% confidence Interval shrinks to a smaller interval because we can better estimate the calculation. There is a smaller variance, resulting in a smaller interval range.