

Model Fit Statistics		
Criterion	Intercept Only	Intercept and Covariates
AIC	41731.610	23649.922
SC	41741.057	24925.224
-2 Log L	41729.610	23379.922

Testing Global Null Hypothesis: BETA=0			
Test	Chi-Square	DF	Pr > ChiSq
Likelihood Ratio	18349.6883	134	<.0001
Score	23890.6700	134	<.0001
Wald	6954.7898	134	<.0001

Type 3 Analysis of Effects			
Effect	DF	Wald Chi-Square	Pr > ChiSq
AAGE	1	315.6444	<.0001
ACLSWKR_N	1	29.7732	<.0001
ADTIND	1	12.0424	0.0005
ADTOCC	1	95.0396	<.0001
AHGA_EDU	1	576.1157	<.0001
AHSCOL	2	13.8327	0.0010
AMARITL_N	1	8.3871	0.0038
AMJIND_N	1	20.1483	<.0001
AMJOCC	14	338.1801	<.0001
ARACE	4	37.9388	<.0001
AREORGN_N	1	17.1420	<.0001
ASEX	1	649.5543	<.0001
AUNMEM	2	8.3566	0.0153
CAPGAIN	1	464.6193	<.0001
CAPLOSS	1	318.4363	<.0001
DIVVAL	1	556.5657	<.0001

FILESTAT	5	116.3538	<.0001
GRINST	49	82.9991	0.0017
HHDFMX	36	119.7489	<.0001
MIGMTR1	7	15.6047	0.0290
NOEMP	1	257.1910	<.0001
VETYN	1	7.2525	0.0071
WKSWORK	1	296.3000	<.0001

Note The following parameters have been set to 0, since the variables are a linear combination of other variables as shown.

MIGMTR1Not_identifiable	$ \begin{aligned} &= 0.91 * \text{Intercept} + 0.09 * \text{GRINSTAbroad} + 0.09 * \text{GRINSTAlabama} + 0.09 * \\ &\quad * \text{GRINSTAlaska} + 0.09 * \text{GRINSTArizona} + 0.09 * \text{GRINSTArkansas} + \\ &\quad 0.09 * \text{GRINSTCalifornia} + 0.09 * \text{GRINSTColorado} + 0.09 * \\ &\quad \text{GRINSTConnecticut} + 0.09 * \text{GRINSTDelaware} + 0.09 * \\ &\quad \text{GRINSTDistrict_of_Columbia} + 0.09 * \text{GRINSTFlorida} + 0.09 * \\ &\quad \text{GRINSTGeorgia} + 0.09 * \text{GRINSTIdaho} + 0.09 * \text{GRINSTIllinois} + 0.09 * \\ &\quad \text{GRINSTIndiana} + 0.09 * \text{GRINSTIowa} + 0.09 * \text{GRINSTKansas} + 0.09 * \\ &\quad \text{GRINSTKentucky} + 0.09 * \text{GRINSTLouisiana} + 0.09 * \text{GRINSTMaine} + \\ &\quad 0.09 * \text{GRINSTMaryland} + 0.09 * \text{GRINSTMassachusetts} + 0.09 * \\ &\quad \text{GRINSTMichigan} + 0.09 * \text{GRINSTMinnesota} + 0.09 * \\ &\quad \text{GRINSTMississippi} + 0.09 * \text{GRINSTMissouri} + 0.09 * \text{GRINSTMontana} \\ &\quad + 0.09 * \text{GRINSTNebraska} + 0.09 * \text{GRINSTNevada} + 0.09 * \\ &\quad \text{GRINSTNew_Hampshire} + 0.09 * \text{GRINSTNew_Jersey} + 0.09 * \\ &\quad \text{GRINSTNew_Mexico} + 0.09 * \text{GRINSTNew_York} + 0.09 * \\ &\quad \text{GRINSTNorth_Carolina} + 0.09 * \text{GRINSTNorth_Dakota} - 4.41 * \\ &\quad \text{GRINSTNot_in_universe} + 0.09 * \text{GRINSTOhio} + 0.09 * \\ &\quad \text{GRINSTOklahoma} + 0.09 * \text{GRINSTOregon} + 0.09 * \\ &\quad \text{GRINSTPennsylvania} + 0.09 * \text{GRINSTSouth_Carolina} + 0.09 * \\ &\quad \text{GRINSTSouth_Dakota} + 0.09 * \text{GRINSTTennessee} + 0.09 * \\ &\quad \text{GRINSTTexas} + 0.09 * \text{GRINSTUtah} + 0.09 * \text{GRINSTVermont} + 0.09 * \\ &\quad \text{GRINSTVirginia} + 0.09 * \text{GRINSTWest_Virginia} + 0.09 * \\ &\quad \text{GRINSTWisconsin} - 1 * \text{MIGMTR1Abroad_to_MSA} - 1 * \\ &\quad \text{MIGMTR1Abroad_to_nonMSA} - 1 * \text{MIGMTR1MSA_to_MSA} - 1 * \\ &\quad \text{MIGMTR1MSA_to_nonMSA} - 1 * \text{MIGMTR1NonMSA_to_MSA} - 1 * \\ &\quad \text{MIGMTR1NonMSA_to_nonMSA} + 3.5 * \text{MIGMTR1Nonmover} \end{aligned} $
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Analysis of Maximum Likelihood Estimates						
Parameter		DF	Estimate	Standard Error	Wald Chi-Square	Pr > Chi Square
Intercept		1	-9.4985	11.9286	0.6341	0.4259
AAGE		1	0.0317	0.00179	315.6444	<.0001
ACLSWKR_N		1	0.1061	0.0194	29.7732	<.0001
ADTIND		1	-0.00587	0.00169	12.0424	0.0005
ADTOCC		1	-0.1146	0.0118	95.0396	<.0001
AHGA_EDU		1	0.2202	0.00918	576.1157	<.0001
AHSCOL	College or university	1	-1.0962	0.3636	9.0904	0.0026
AHSCOL	High school	1	0.7422	0.5270	1.9832	0.1591
AMARITL_N		1	0.0583	0.0201	8.3871	0.0038
AMJIND_N		1	0.0192	0.00427	20.1483	<.0001
AMJOCC	Adm support including clerical	1	-0.6627	0.1118	35.1430	<.0001
AMJOCC	Armed Forces	1	4.5822	0.6963	43.3116	<.0001
AMJOCC	Executive admin and managerial	1	-1.5782	0.2960	28.4362	<.0001
AMJOCC	Farming forestry and fishing	1	1.7008	0.2575	43.6401	<.0001
AMJOCC	Handlers equip cleaners etc	1	0.4952	0.2674	3.4294	0.0640
AMJOCC	Machine operators assmblrs & inspctrs	1	0.3402	0.1836	3.4344	0.0639
AMJOCC	Not in universe	1	-2.3524	0.3407	47.6803	<.0001
AMJOCC	Other service	1	-1.0250	0.1796	32.5615	<.0001
AMJOCC	Precision production craft & repair	1	0.6469	0.1400	21.3505	<.0001
AMJOCC	Private household services	1	-1.3537	0.9564	2.0034	0.1569
AMJOCC	Professional specialty	1	-1.0084	0.2318	18.9324	<.0001
AMJOCC	Protective services	1	0.7862	0.1373	32.7783	<.0001
AMJOCC	Sales	1	-0.3580	0.1450	6.0993	0.0135
AMJOCC	Technicians and related support	1	-1.1989	0.1885	40.4646	<.0001
ARACE	Amer Indian Aleut or Eskimo	1	-0.4627	0.2121	4.7573	0.0292
ARACE	Asian or Pacific Islander	1	0.3057	0.1109	7.5951	0.0059
ARACE	Black	1	-0.2209	0.0984	5.0437	0.0247
ARACE	Other	1	0.1308	0.1951	0.4494	0.5026
AREORGN_N		1	0.0927	0.0224	17.1420	<.0001
ASEX	Female	1	-0.6571	0.0258	649.5543	<.0001
AUNMEM	No	1	-0.1249	0.0432	8.3558	0.0038
AUNMEM	Not in universe	1	-0.0242	0.0366	0.4363	0.5089

CAPGAIN		1	0.000126	5.855E-6	464.6193	<.0001	22:43 Sat urday, Mar ch 23, 2014
CAPLOSS		1	0.000612	0.000034	318.4363	<.0001	
DIVVAL		1	0.000214	9.063E-6	556.5657	<.0001	
FILESTAT	Head of household	1	0.6629	0.1080	37.6442	<.0001	3 4
FILESTAT	Joint both 65+	1	-0.0954	0.1139	0.7012	0.4024	
FILESTAT	Joint both under 65	1	0.7419	0.0775	91.6232	<.0001	
FILESTAT	Joint one under 65 & one 65+	1	0.0525	0.1236	0.1802	0.6712	
FILESTAT	Nonfiler	1	-1.5492	0.2541	37.1741	<.0001	
GRINST	Abroad	1	0.7515	0.6122	1.5069	0.2196	
GRINST	Alabama	1	-0.0974	0.5225	0.0348	0.8521	
GRINST	Alaska	1	1.0326	0.3428	9.0730	0.0026	
GRINST	Arizona	1	-0.4896	0.5613	0.7609	0.3830	
GRINST	Arkansas	1	0.2253	0.4837	0.2169	0.6414	
GRINST	California	1	0.4077	0.2486	2.6907	0.1009	
GRINST	Colorado	1	0.0932	0.4012	0.0540	0.8163	
GRINST	Connecticut	1	1.3715	0.4301	10.1669	0.0014	
GRINST	Delaware	1	0.00610	0.7222	0.0001	0.9933	
GRINST	District of Columbia	1	1.3483	0.4607	8.5639	0.0034	
GRINST	Florida	1	-0.0347	0.2958	0.0138	0.9065	
GRINST	Georgia	1	-0.3045	0.5157	0.3486	0.5549	
GRINST	Idaho	1	0.4326	1.2399	0.1218	0.7271	
GRINST	Illinois	1	-0.0991	0.5754	0.0297	0.8632	
GRINST	Indiana	1	-0.4948	0.3581	1.9087	0.1671	
GRINST	Iowa	1	-0.0668	0.5742	0.0135	0.9074	
GRINST	Kansas	1	-0.4614	0.5714	0.6521	0.4194	
GRINST	Kentucky	1	-0.4017	0.4730	0.7212	0.3957	
GRINST	Louisiana	1	-0.7025	0.6431	1.1932	0.2747	
GRINST	Maine	1	0.8695	0.4558	3.6381	0.0565	
GRINST	Maryland	1	-1.0571	0.6773	2.4361	0.1186	
GRINST	Massachusetts	1	1.2275	0.4323	8.0635	0.0045	
GRINST	Michigan	1	-0.0816	0.3429	0.0567	0.8118	
GRINST	Minnesota	1	0.0418	0.3299	0.0160	0.8993	
GRINST	Mississippi	1	-0.7394	0.5610	1.7370	0.1875	

GRINST	Missouri	1	-0.5598	0.5860	0.9127	0.3394
GRINST	Montana	1	-0.2943	0.4801	0.3758	0.5398
GRINST	Nebraska	1	-0.6364	0.6720	0.8968	0.3436
GRINST	Nevada	1	-0.5909	0.5781	1.0449	0.3067
GRINST	New Hampshire	1	0.2018	0.4140	0.2375	0.6260
GRINST	New Jersey	1	0.7489	0.5224	2.0554	0.1517
GRINST	New Mexico	1	0.6042	0.3048	3.9298	0.0474
GRINST	New York	1	0.2773	0.4740	0.3423	0.5585
GRINST	North Carolina	1	0.2858	0.2853	1.0034	0.3165
GRINST	North Dakota	1	-0.0555	0.3366	0.0272	0.8690
GRINST	Not in universe	1	-2.3260	8.9085	0.0682	0.7940
GRINST	Ohio	1	-0.6742	0.5612	1.4435	0.2296
GRINST	Oklahoma	1	0.000321	0.3261	0.0000	0.9992
GRINST	Oregon	1	-0.2110	0.4927	0.1833	0.6685
GRINST	Pennsylvania	1	-0.3776	0.5032	0.5632	0.4530
GRINST	South Carolina	1	1.0507	0.5929	3.1399	0.0764
GRINST	South Dakota	1	-0.0578	0.5395	0.0115	0.9147
GRINST	Tennessee	1	0.2315	0.5865	0.1558	0.6930
GRINST	Texas	1	-0.2019	0.4583	0.1942	0.6595
GRINST	Utah	1	-0.0469	0.2857	0.0269	0.8697
GRINST	Vermont	1	-0.3131	0.5293	0.3499	0.5542
GRINST	Virginia	1	-0.4532	0.7294	0.3862	0.5343
GRINST	West Virginia	1	0.2479	0.4071	0.3708	0.5426
GRINST	Wisconsin	1	0.6414	0.5871	1.1936	0.2746
HHDFMX	Child 18+ ever marr Not in a subfamily	1	1.3348	11.9194	0.0125	0.9108
HHDFMX	Child 18+ ever marr RP of subfamily	1	1.8285	11.9200	0.0235	0.8781
HHDFMX	Child 18+ never marr Not in a subfamily	1	1.1339	11.9154	0.0091	0.9242
HHDFMX	Child 18+ never marr RP of subfamily	1	1.5959	11.9553	0.0178	0.8938
HHDFMX	Child 18+ spouse of subfamily RP	1	1.5103	11.9558	0.0160	0.8995
HHDFMX	Child <18 ever marr RP of subfamily	1	-2.0761	50.7246	0.0017	0.9674
HHDFMX	Child <18 ever marr not in subfamily	1	-1.1380	46.4514	0.0006	0.9805
HHDFMX	Child <18 never marr RP of subfamily	1	-1.1113	32.7688	0.0012	0.9729
HHDFMX	Child <18 never marr not in subfamily	1	0.2553	11.9473	0.0005	0.9830
HHDFMX	Child <18 spouse of subfamily RP	1	-0.1860	152.5	0.0000	0.9990
HHDFMX	Child under 18 of RP of unrel subfamily	1	-0.1956	15.8495	0.0002	0.9902

HHDFMX	Grandchild 18+ ever marr RP of subfamily	1	-4.5499	66.0609	0.0047	0.9451
HHDFMX	Grandchild 18+ ever marr not in subfamily	1	2.7670	11.9716	0.0534	0.8172
HHDFMX	Grandchild 18+ never marr RP of subfamily	1	-4.5702	111.7	0.0017	0.9674
HHDFMX	Grandchild 18+ never marr not in subfamily	1	-3.1740	15.2526	0.0433	0.8352
HHDFMX	Grandchild 18+ spouse of subfamily RP	1	-4.8248	68.4740	0.0050	0.9438
HHDFMX	Grandchild <18 ever marr not in subfamily	1	-1.2456	150.7	0.0001	0.9934
HHDFMX	Grandchild <18 never marr RP of subfamily	1	1.4131	158.1	0.0001	0.9929
HHDFMX	Grandchild <18 never marr child of subfamily RP	1	0.0368	13.8161	0.0000	0.9979
HHDFMX	Grandchild <18 never marr not in subfamily	1	-0.0537	15.0518	0.0000	0.9972
HHDFMX	Householder	1	2.2385	11.9143	0.0353	0.8510
HHDFMX	In group quarters	1	-2.7923	18.4354	0.0229	0.8796
HHDFMX	Nonfamily householder	1	2.5253	11.9145	0.0449	0.8321
HHDFMX	Other Rel 18+ ever marr RP of subfamily	1	0.3295	11.9357	0.0008	0.9780
HHDFMX	Other Rel 18+ ever marr not in subfamily	1	1.8447	11.9199	0.0240	0.8770
HHDFMX	Other Rel 18+ never marr RP of subfamily	1	-2.7101	27.9506	0.0094	0.9228
HHDFMX	Other Rel 18+ never marr not in subfamily	1	1.6055	11.9199	0.0181	0.8929
HHDFMX	Other Rel 18+ spouse of subfamily RP	1	1.1596	11.9234	0.0095	0.9225
HHDFMX	Other Rel <18 ever marr RP of subfamily	1	-0.2836	106.9	0.0000	0.9979
HHDFMX	Other Rel <18 never marr child of subfamily RP	1	-0.1156	16.0462	0.0001	0.9943
HHDFMX	Other Rel <18 never marr not in subfamily	1	-0.5518	16.7038	0.0011	0.9736
HHDFMX	Other Rel <18 never married RP of subfamily	1	0.9683	155.8	0.0000	0.9950
HHDFMX	Other Rel <18 spouse of subfamily RP	1	-1.7604	223.7	0.0001	0.9937
HHDFMX	RP of unrelated subfamily	1	1.4311	11.9218	0.0144	0.9045
HHDFMX	Secondary individual	1	1.6990	11.9151	0.0203	0.8866
HHDFMX	Spouse of RP of unrelated subfamily	1	3.4804	11.9371	0.0850	0.7706
MIGMTR1	Abroad to MSA	1	0.3060	0.6192	0.2443	0.6211
MIGMTR1	Abroad to nonMSA	1	-7.1369	16.9832	0.1766	0.6743
MIGMTR1	MSA to MSA	1	0.5274	0.3743	1.9858	0.1588
MIGMTR1	MSA to nonMSA	1	0.1830	0.4487	0.1664	0.6834
MIGMTR1	NonMSA to MSA	1	0.9520	0.4395	4.6917	0.0303
MIGMTR1	NonMSA to nonMSA	1	0.00455	0.4122	0.0001	0.9912
MIGMTR1	Nonmover	1	3.1465	9.0496	0.1209	0.7281
MIGMTR1	Not identifiable	0	0	.	.	.
NOEMP		1	0.1598	0.00997	257.1910	<.0001
VETYN		1	-0.3647	0.1354	7.2525	0.0071

WKSWORK		1	0.0367	0.00213	296.3000	<.0001	22.43
Odds Ratio Estimates							
Effect		Point Estimate	95% Wald Confidence Limits				
AAGE		1.032	1.029	1.036			
ACLSWKR_N		1.112	1.070	1.155			
ADTIND		0.994	0.991	0.997			
ADTOCC		0.892	0.871	0.913			
AHGA_EDU		1.246	1.224	1.269			
AHSCOL	College or university vs Not in universe	0.235	0.108	0.508			
AHSCOL	High school vs Not in universe	1.474	0.326	6.665			
AMARITL_N		1.060	1.019	1.103			
AMJIND_N		1.019	1.011	1.028			
AMJOCC	Adm support including clerical vs Transportation and material moving	0.192	0.128	0.288			
AMJOCC	Armed Forces vs Transportation and material moving	36.467	9.073	146.565			
AMJOCC moving	Executive admin and managerial vs Transportation and material moving	0.077	0.032	0.182			
AMJOCC	Farming forestry and fishing vs Transportation and material moving	2.044	1.448	2.885			
AMJOCC	Handlers equip cleaners etc vs Transportation and material moving	0.612	0.402	0.933			
AMJOCC moving	Machine operators assmblrs & inspctrs vs Transportation and material moving	0.524	0.392	0.702			
AMJOCC	Not in universe vs Transportation and material moving	0.036	0.014	0.091			
AMJOCC	Other service vs Transportation and material moving	0.134	0.088	0.203			
AMJOCC moving	Precision production craft & repair vs Transportation and material moving	0.713	0.561	0.905			
AMJOCC	Private household services vs Transportation and material moving	0.096	0.013	0.737			
AMJOCC	Professional specialty vs Transportation and material moving	0.136	0.065	0.283			
AMJOCC	Protective services vs Transportation and material moving	0.819	0.557	1.204			
AMJOCC	Sales vs Transportation and material moving	0.261	0.152	0.447			
AMJOCC	Technicians and related support vs Transportation and material moving	0.113	0.060	0.210			
ARACE	Amer Indian Aleut or Eskimo vs White	0.492	0.297	0.814			
ARACE	Asian or Pacific Islander vs White	1.060	0.858	1.310			
ARACE	Black vs White	0.626	0.530	0.740			
ARACE	Other vs White	0.890	0.563	1.407			
AREORGN_N		1.097	1.050	1.146			

ASEX	Female vs Male	0.269	0.243	0.297 ^{22:43}
AUNMEM	No vs Yes	0.760	0.624	0.927 ^{Saturday}
AUNMEM	Not in universe vs Yes	0.841	0.701	1.009 ^{March}
CAPGAIN		1.000	1.000	1.000 ^{March}
CAPLOSS		1.001	1.001	1.001 ^{23, 201}
DIVVAL		1.000	1.000	1.000 ^{3 8}
FILESTAT	Head of household vs Single	1.609	1.154	2.243
FILESTAT	Joint both 65+ vs Single	0.754	0.519	1.095
FILESTAT	Joint both under 65 vs Single	1.741	1.284	2.360
FILESTAT	Joint one under 65 & one 65+ vs Single	0.874	0.592	1.289
FILESTAT	Nonfiler vs Single	0.176	0.096	0.322
GRINST	Abroad vs Wyoming	2.772	0.686	11.194
GRINST	Alabama vs Wyoming	1.186	0.348	4.044
GRINST	Alaska vs Wyoming	3.672	1.434	9.400
GRINST	Arizona vs Wyoming	0.801	0.220	2.921
GRINST	Arkansas vs Wyoming	1.638	0.513	5.231
GRINST	California vs Wyoming	1.966	0.871	4.435
GRINST	Colorado vs Wyoming	1.435	0.512	4.021
GRINST	Connecticut vs Wyoming	5.153	1.745	15.216
GRINST	Delaware vs Wyoming	1.315	0.270	6.419
GRINST	District of Columbia vs Wyoming	5.035	1.633	15.523
GRINST	Florida vs Wyoming	1.263	0.527	3.026
GRINST	Georgia vs Wyoming	0.964	0.286	3.251
GRINST	Idaho vs Wyoming	2.015	0.155	26.144
GRINST	Illinois vs Wyoming	1.184	0.317	4.423
GRINST	Indiana vs Wyoming	0.797	0.304	2.088
GRINST	Iowa vs Wyoming	1.223	0.328	4.560
GRINST	Kansas vs Wyoming	0.824	0.222	3.057
GRINST	Kentucky vs Wyoming	0.875	0.279	2.744
GRINST	Louisiana vs Wyoming	0.648	0.154	2.728
GRINST	Maine vs Wyoming	3.119	1.022	9.518
GRINST	Maryland vs Wyoming	0.454	0.102	2.033
GRINST	Massachusetts vs Wyoming	4.462	1.506	13.216
GRINST	Michigan vs Wyoming	1.205	0.470	3.091
GRINST	Minnesota vs Wyoming	1.363	0.543	3.424

GRINST	Mississippi	vs Wyoming	0.624	0.172	2.270 ^{22:43}
GRINST	Missouri	vs Wyoming	0.747	0.196	2.844 ^{Saturday,}
GRINST	Montana	vs Wyoming	0.974	0.307	3.095 ^{March,}
GRINST	Nebraska	vs Wyoming	0.692	0.156	3.065 ^{March}
GRINST	Nevada	vs Wyoming	0.724	0.193	2.718 ^{23, 201}
GRINST	New Hampshire	vs Wyoming	1.600	0.556	4.600 ^{3 9}
GRINST	New Jersey	vs Wyoming	2.765	0.811	9.423
GRINST	New Mexico	vs Wyoming	2.392	0.986	5.804
GRINST	New York	vs Wyoming	1.725	0.549	5.425
GRINST	North Carolina	vs Wyoming	1.740	0.736	4.111
GRINST	North Dakota	vs Wyoming	1.237	0.488	3.134
GRINST	Not in universe	vs Wyoming	0.128	<0.001	>999.999
GRINST	Ohio	vs Wyoming	0.666	0.183	2.427
GRINST	Oklahoma	vs Wyoming	1.308	0.524	3.267
GRINST	Oregon	vs Wyoming	1.059	0.326	3.435
GRINST	Pennsylvania	vs Wyoming	0.896	0.272	2.957
GRINST	South Carolina	vs Wyoming	3.739	0.956	14.627
GRINST	South Dakota	vs Wyoming	1.234	0.351	4.333
GRINST	Tennessee	vs Wyoming	1.648	0.433	6.276
GRINST	Texas	vs Wyoming	1.068	0.349	3.271
GRINST	Utah	vs Wyoming	1.248	0.528	2.948
GRINST	Vermont	vs Wyoming	0.956	0.274	3.336
GRINST	Virginia	vs Wyoming	0.831	0.169	4.090
GRINST	West Virginia	vs Wyoming	1.675	0.594	4.728
GRINST	Wisconsin	vs Wyoming	2.483	0.651	9.467
HHDFMX	Child 18+ ever marr	Not in a subfamily vs Spouse of householder	0.429	0.200	0.919
HHDFMX	Child 18+ ever marr	RP of subfamily vs Spouse of householder	0.703	0.330	1.494
HHDFMX	Child 18+ never marr	Not in a subfamily vs Spouse of householder	0.351	0.217	0.566
HHDFMX	Child 18+ never marr	RP of subfamily vs Spouse of householder	0.557	0.075	4.133
HHDFMX	Child 18+ spouse of subfamily	RP vs Spouse of householder	0.511	0.069	3.809
HHDFMX	Child <18 ever marr	RP of subfamily vs Spouse of householder	0.014	<0.001	>999.999
HHDFMX	Child <18 ever marr	not in subfamily vs Spouse of householder	0.036	<0.001	>999.999
HHDFMX	Child <18 never marr	RP of subfamily vs Spouse of householder	0.037	<0.001	>999.999
HHDFMX	Child <18 never marr	not in subfamily vs Spouse of householder	0.146	0.020	1.049
HHDFMX	Child <18 spouse of subfamily	RP vs Spouse of householder	0.094	<0.001	>999.999

HHDFMX	Child under 18 of RP of unrel subfamily	vs Spouse of householder	0.093	<0.001	22:43 Saturday, March 23, 2013 1:00 >999.999
HHDFMX	Grandchild 18+ ever marr RP of subfamily	vs Spouse of householder	0.001	<0.001	>999.999
HHDFMX	Grandchild 18+ ever marr not in subfamily	vs Spouse of householder	1.796	0.167	19.319
HHDFMX	Grandchild 18+ never marr RP of subfamily	vs Spouse of householder	0.001	<0.001	>999.999
HHDFMX	Grandchild 18+ never marr not in subfamily	vs Spouse of householder	0.005	<0.001	>999.999
HHDFMX	Grandchild 18+ spouse of subfamily RP	vs Spouse of householder	<0.001	<0.001	>999.999
HHDFMX	Grandchild <18 ever marr not in subfamily	vs Spouse of householder	0.032	<0.001	>999.999
HHDFMX	Grandchild <18 never marr RP of subfamily	vs Spouse of householder	0.464	<0.001	>999.999
HHDFMX	Grandchild <18 never marr child of subfamily RP	vs Spouse of householder	0.117	<0.001	>999.999
HHDFMX	Grandchild <18 never marr not in subfamily	vs Spouse of householder	0.107	<0.001	>999.999
HHDFMX	Householder	vs Spouse of householder	1.059	0.949	1.181
HHDFMX	In group quarters	vs Spouse of householder	0.007	<0.001	>999.999
HHDFMX	Nonfamily householder	vs Spouse of householder	1.410	1.021	1.949
HHDFMX	Other Rel 18+ ever marr RP of subfamily	vs Spouse of householder	0.157	0.037	0.666
HHDFMX	Other Rel 18+ ever marr not in subfamily	vs Spouse of householder	0.714	0.322	1.583
HHDFMX	Other Rel 18+ never marr RP of subfamily	vs Spouse of householder	0.008	<0.001	>999.999
HHDFMX	Other Rel 18+ never marr not in subfamily	vs Spouse of householder	0.562	0.250	1.262
HHDFMX	Other Rel 18+ spouse of subfamily RP	vs Spouse of householder	0.360	0.140	0.925
HHDFMX	Other Rel <18 ever marr RP of subfamily	vs Spouse of householder	0.085	<0.001	>999.999
HHDFMX	Other Rel <18 never marr child of subfamily RP	vs Spouse of householder	0.101	<0.001	>999.999
HHDFMX	Other Rel <18 never marr not in subfamily	vs Spouse of householder	0.065	<0.001	>999.999
HHDFMX	Other Rel <18 never married RP of subfamily	vs Spouse of householder	0.297	<0.001	>999.999
HHDFMX	Other Rel <18 spouse of subfamily RP	vs Spouse of householder	0.019	<0.001	>999.999
HHDFMX	RP of unrelated subfamily	vs Spouse of householder	0.472	0.196	1.138
HHDFMX	Secondary individual	vs Spouse of householder	0.617	0.408	0.933

HHDFMX	Spouse of RP of unrelated subfamily	vs Spouse of householder	3.665	0.827	22:43 Saturday, March 23, 2013 11:16:240
MIGMTR1	Abroad to MSA	vs Not in universe	0.181	<0.001	>999.999
MIGMTR1	Abroad to nonMSA	vs Not in universe	<0.001	<0.001	>999.999
MIGMTR1	MSA to MSA	vs Not in universe	0.225	<0.001	>999.999
MIGMTR1	MSA to nonMSA	vs Not in universe	0.160	<0.001	>999.999
MIGMTR1	NonMSA to MSA	vs Not in universe	0.345	<0.001	>999.999
MIGMTR1	NonMSA to nonMSA	vs Not in universe	0.134	<0.001	>999.999
MIGMTR1	Nonmover	vs Not in universe	3.093	<0.001	>999.999
NOEMP			1.173	1.151	1.196
VETYN			0.694	0.533	0.905
WKSWORK			1.037	1.033	1.042

Association of Predicted Probabilities and Observed Responses			
Percent Concordant	93.9	Somers' D	0.877
Percent Discordant	6.1	Gamma	0.877
Percent Tied	0.0	Tau-a	0.097
Pairs	482760169	c	0.939

Residual Chi-Square Test			
Chi-Square	DF	Pr > ChiSq	
169.2618	145	0.0821	

Analysis of Effects Eligible for Removal			
Effect	DF	Wald Chi-Square	Pr > ChiSq

AAGE	1	315.6444	<.0001
ACLSWKR_N	1	29.7732	<.0001
ADTIND	1	12.0424	0.0005
ADTOCC	1	95.0396	<.0001
AHGA_EDU	1	576.1157	<.0001
AHSCOL	2	13.8327	0.0010
AMARITL_N	1	8.3871	0.0038
AMJIND_N	1	20.1483	<.0001
AMJOCC	14	338.1801	<.0001
ARACE	4	37.9388	<.0001
AREORGN_N	1	17.1420	<.0001
ASEX	1	649.5543	<.0001
AUNMEM	2	8.3566	0.0153
CAPGAIN	1	464.6193	<.0001
CAPLOSS	1	318.4363	<.0001
DIVVAL	1	556.5657	<.0001
FILESTAT	5	116.3538	<.0001
GRINST	49	82.9991	0.0017
HHDFMX	36	119.7489	<.0001
MIGMTR1	7	15.6047	0.0290
NOEMP	1	257.1910	<.0001
VETYN	1	7.2525	0.0071
WKSWORK	1	296.3000	<.0001

NoteNo effects for the model in Step 27 are
: removed.

NoteModel building terminates because the last effect entered is removed by the Wald
: statistic criterion.

Summary of Stepwise Selection								
Step	Effect		DF	Number In	Score Chi-Square	Wald Chi-Square	Pr > ChiSq	Variable Label
	Entered	Removed						
1	AMJOCC		14	1	11453.5926		<.0001	Major Occupation Code

2	HHDFMX		36	2	2361.5170		<.0001	Household/family status	22:4
3	DIVVAL		1	3	1499.5802		<.0001	Dividend from Stocks	3
4	ASEX		1	4	1112.4068		<.0001	Sex	Sat
5	AHGA_EDU		1	5	828.3742		<.0001		urda
6	CAPGAIN		1	6	617.5287		<.0001	Capital Gain	y,
7	WKSWORK		1	7	478.8356		<.0001	Weeks Worked in Year	Mar
8	CAPLOSS		1	8	401.9557		<.0001	Capital Loss	ch
9	AAGE		1	9	318.5774		<.0001	AGE	23,
10	NOEMP		1	10	264.9824		<.0001	Number of employee/employer	201
11	ADTOCC		1	11	139.0986		<.0001	Occupation Code	3
12	FILESTAT		5	12	140.0760		<.0001	Tax filer Status	1
13	ACLSWKR_N		1	13	68.2209		<.0001		3
14	GRINREG		5	14	41.9696		<.0001	Region of Residence	
15	ARACE		4	15	34.6149		<.0001	Race	
16	AREORGN_N		1	16	18.1114		<.0001		
17	AMJIND_N		1	17	17.2436		<.0001		
18	AHSCOL		2	18	16.6049		0.0002	Enrolled in Edu Inst.	
19	ADTIND		1	19	12.0430		0.0005	Industry Code	
20	MIGMTR1		7	20	21.4276		0.0032	Migration code-change (MSA)	
21	AMARITL_N		1	21	7.8422		0.0051		
22	VETYN		1	22	7.2716		0.0070	Veterans Benefits	
23	GRINST		45	23	69.4232		0.0112	State of Residence	
24		GRINREG	5	22		1.9390	0.8575	Region of Residence	
25	AUNMEM		2	23	8.5252		0.0141	Member of labor union	
26	PENATVTY		39	24	59.4774		0.0189	Country of Birth self	
27		PENATVTY	39	23		44.4429	0.2532	Country of Birth self	

Wald Confidence Interval for Odds Ratios				
Effect	Unit	Estimate	95% Confidence Limits	
AAGE	1.0000	1.032	1.029	1.036
ACLSWKR_N	1.0000	1.112	1.070	1.155
ADTIND	1.0000	0.994	0.991	0.997

ADTOCC	1.000 0	0.892	0.871	0.913 ^{22:43} Sat
AHGA_EDU	1.000 0	1.246	1.224	1.269 ^{urday, Mar}
AHSCOL College or university vs Not in universe	1.000 0	0.235	0.108	0.508 ^{ch 23, 201}
AHSCOL High school vs Not in universe	1.000 0	1.474	0.326	6.665 ^{3 1 4}
AMARITL_N	1.000 0	1.060	1.019	1.103
AMJIND_N	1.000 0	1.019	1.011	1.028
AMJOCC Adm support including clerical vs Transportation and material moving	1.000 0	0.192	0.128	0.288
AMJOCC Armed Forces vs Transportation and material moving	1.000 0	36.467	9.073	146.565
AMJOCC Executive admin and managerial vs Transportation and material moving	1.000 0	0.077	0.032	0.182
AMJOCC Farming forestry and fishing vs Transportation and material moving	1.000 0	2.044	1.448	2.885
AMJOCC Handlers equip cleaners etc vs Transportation and material moving	1.000 0	0.612	0.402	0.933
AMJOCC Machine operators assmblrs & inspctrs vs Transportation and material moving	1.000 0	0.524	0.392	0.702
AMJOCC Not in universe vs Transportation and material moving	1.000 0	0.036	0.014	0.091
AMJOCC Other service vs Transportation and material moving	1.000 0	0.134	0.088	0.203
AMJOCC Precision production craft & repair vs Transportation and material moving	1.000 0	0.713	0.561	0.905
AMJOCC Private household services vs Transportation and material moving	1.000 0	0.096	0.013	0.737
AMJOCC Professional specialty vs Transportation and material moving	1.000 0	0.136	0.065	0.283
AMJOCC Protective services vs Transportation and material moving	1.000 0	0.819	0.557	1.204
AMJOCC Sales vs Transportation and material moving	1.000 0	0.261	0.152	0.447
AMJOCC Technicians and related support vs Transportation and material moving	1.000 0	0.113	0.060	0.210
ARACE Amer Indian Aleut or Eskimo vs White	1.000 0	0.492	0.297	0.814

ARACE	Asian or Pacific Islander	vs White	1.000 0	1.060	0.858	1.310 ^{22:43}
ARACE	Black	vs White	1.000 0	0.626	0.530	0.740 ^{urday, Mar 23, 201}
ARACE	Other	vs White	1.000 0	0.890	0.563	1.407 ^{ch 23, 201}
AREORGN_N			1.000 0	1.097	1.050	1.146 ^{3 1 5}
ASEX	Female	vs Male	1.000 0	0.269	0.243	0.297
AUNMEM	No	vs Yes	1.000 0	0.760	0.624	0.927
AUNMEM	Not in universe	vs Yes	1.000 0	0.841	0.701	1.009
CAPGAIN			1.000 0	1.000	1.000	1.000
CAPLOSS			1.000 0	1.001	1.001	1.001
DIVVAL			1.000 0	1.000	1.000	1.000
FILESTAT	Head of household	vs Single	1.000 0	1.609	1.154	2.243
FILESTAT	Joint both 65+	vs Single	1.000 0	0.754	0.519	1.095
FILESTAT	Joint both under 65	vs Single	1.000 0	1.741	1.284	2.360
FILESTAT	Joint one under 65 & one 65+	vs Single	1.000 0	0.874	0.592	1.289
FILESTAT	Nonfiler	vs Single	1.000 0	0.176	0.096	0.322
GRINST	Abroad	vs Wyoming	1.000 0	2.772	0.686	11.194
GRINST	Alabama	vs Wyoming	1.000 0	1.186	0.348	4.044
GRINST	Alaska	vs Wyoming	1.000 0	3.672	1.434	9.400
GRINST	Arizona	vs Wyoming	1.000 0	0.801	0.220	2.921
GRINST	Arkansas	vs Wyoming	1.000 0	1.638	0.513	5.231
GRINST	California	vs Wyoming	1.000 0	1.966	0.871	4.435

GRINST	Colorado	vs Wyoming	1.000 0	1.435	0.512	4.021 ^{22:43} Saturday, Mar 23, 2019
GRINST	Connecticut	vs Wyoming	1.000 0	5.153	1.745	15.216
GRINST	Delaware	vs Wyoming	1.000 0	1.315	0.270	6.419
GRINST	District of Columbia	vs Wyoming	1.000 0	5.035	1.633	15.523 ^{3:16}
GRINST	Florida	vs Wyoming	1.000 0	1.263	0.527	3.026
GRINST	Georgia	vs Wyoming	1.000 0	0.964	0.286	3.251
GRINST	Idaho	vs Wyoming	1.000 0	2.015	0.155	26.144
GRINST	Illinois	vs Wyoming	1.000 0	1.184	0.317	4.423
GRINST	Indiana	vs Wyoming	1.000 0	0.797	0.304	2.088
GRINST	Iowa	vs Wyoming	1.000 0	1.223	0.328	4.560
GRINST	Kansas	vs Wyoming	1.000 0	0.824	0.222	3.057
GRINST	Kentucky	vs Wyoming	1.000 0	0.875	0.279	2.744
GRINST	Louisiana	vs Wyoming	1.000 0	0.648	0.154	2.728
GRINST	Maine	vs Wyoming	1.000 0	3.119	1.022	9.518
GRINST	Maryland	vs Wyoming	1.000 0	0.454	0.102	2.033
GRINST	Massachusetts	vs Wyoming	1.000 0	4.462	1.506	13.216
GRINST	Michigan	vs Wyoming	1.000 0	1.205	0.470	3.091
GRINST	Minnesota	vs Wyoming	1.000 0	1.363	0.543	3.424
GRINST	Mississippi	vs Wyoming	1.000 0	0.624	0.172	2.270
GRINST	Missouri	vs Wyoming	1.000 0	0.747	0.196	2.844
GRINST	Montana	vs Wyoming	1.000 0	0.974	0.307	3.095

GRINST	Nebraska	vs Wyoming	1.000 0	0.692	0.156	3.065 ^{22:43} Saturday, Mar 23, 2019
GRINST	Nevada	vs Wyoming	1.000 0	0.724	0.193	2.718
GRINST	New Hampshire	vs Wyoming	1.000 0	1.600	0.556	4.600
GRINST	New Jersey	vs Wyoming	1.000 0	2.765	0.811	9.423 ^{3 17}
GRINST	New Mexico	vs Wyoming	1.000 0	2.392	0.986	5.804
GRINST	New York	vs Wyoming	1.000 0	1.725	0.549	5.425
GRINST	North Carolina	vs Wyoming	1.000 0	1.740	0.736	4.111
GRINST	North Dakota	vs Wyoming	1.000 0	1.237	0.488	3.134
GRINST	Not in universe	vs Wyoming	1.000 0	0.128	<0.001	>999.999
GRINST	Ohio	vs Wyoming	1.000 0	0.666	0.183	2.427
GRINST	Oklahoma	vs Wyoming	1.000 0	1.308	0.524	3.267
GRINST	Oregon	vs Wyoming	1.000 0	1.059	0.326	3.435
GRINST	Pennsylvania	vs Wyoming	1.000 0	0.896	0.272	2.957
GRINST	South Carolina	vs Wyoming	1.000 0	3.739	0.956	14.627
GRINST	South Dakota	vs Wyoming	1.000 0	1.234	0.351	4.333
GRINST	Tennessee	vs Wyoming	1.000 0	1.648	0.433	6.276
GRINST	Texas	vs Wyoming	1.000 0	1.068	0.349	3.271
GRINST	Utah	vs Wyoming	1.000 0	1.248	0.528	2.948
GRINST	Vermont	vs Wyoming	1.000 0	0.956	0.274	3.336
GRINST	Virginia	vs Wyoming	1.000 0	0.831	0.169	4.090
GRINST	West Virginia	vs Wyoming	1.000 0	1.675	0.594	4.728

GRINST	Wisconsin	vs Wyoming	1.000 0	2.483	0.651	9.467 ^{22:43}	
HHDFMX householder	Child 18+ ever marr	Not in a subfamily	vs Spouse of	1.000 0	0.429	0.200	0.919 ^{22:43}
HHDFMX householder	Child 18+ ever marr	RP of subfamily	vs Spouse of	1.000 0	0.703	0.330	1.494 ^{22:43}
HHDFMX householder	Child 18+ never marr	Not in a subfamily	vs Spouse of	1.000 0	0.351	0.217	0.566 ^{22:43}
HHDFMX householder	Child 18+ never marr	RP of subfamily	vs Spouse of	1.000 0	0.557	0.075	4.133 ^{22:43}
HHDFMX householder	Child 18+ spouse of subfamily	RP	vs Spouse of	1.000 0	0.511	0.069	3.809 ^{22:43}
HHDFMX householder	Child <18 ever marr	RP of subfamily	vs Spouse of	1.000 0	0.014	<0.001	>999.999 ^{22:43}
HHDFMX householder	Child <18 ever marr	not in subfamily	vs Spouse of	1.000 0	0.036	<0.001	>999.999 ^{22:43}
HHDFMX householder	Child <18 never marr	RP of subfamily	vs Spouse of	1.000 0	0.037	<0.001	>999.999 ^{22:43}
HHDFMX householder	Child <18 never marr	not in subfamily	vs Spouse of	1.000 0	0.146	0.020	1.049 ^{22:43}
HHDFMX householder	Child <18 spouse of subfamily	RP	vs Spouse of	1.000 0	0.094	<0.001	>999.999 ^{22:43}
HHDFMX householder	Child under 18 of RP of unrel subfamily		vs Spouse of	1.000 0	0.093	<0.001	>999.999 ^{22:43}
HHDFMX householder	Grandchild 18+ ever marr	RP of subfamily	vs Spouse of	1.000 0	0.001	<0.001	>999.999 ^{22:43}
HHDFMX householder	Grandchild 18+ ever marr	not in subfamily	vs Spouse of	1.000 0	1.796	0.167	19.319 ^{22:43}
HHDFMX householder	Grandchild 18+ never marr	RP of subfamily	vs Spouse of	1.000 0	0.001	<0.001	>999.999 ^{22:43}
HHDFMX householder	Grandchild 18+ never marr	not in subfamily	vs Spouse of	1.000 0	0.005	<0.001	>999.999 ^{22:43}
HHDFMX householder	Grandchild 18+ spouse of subfamily	RP	vs Spouse of	1.000 0	<0.001	<0.001	>999.999 ^{22:43}
HHDFMX householder	Grandchild <18 ever marr	not in subfamily	vs Spouse of	1.000 0	0.032	<0.001	>999.999 ^{22:43}
HHDFMX householder	Grandchild <18 never marr	RP of subfamily	vs Spouse of	1.000 0	0.464	<0.001	>999.999 ^{22:43}
HHDFMX householder	Grandchild <18 never marr	child of subfamily	RP vs Spouse of	1.000 0	0.117	<0.001	>999.999 ^{22:43}

HHDFMX	Grandchild <18 never marr not in subfamily	vs Spouse of	1.000	0.107	<0.001	22.43 Sat urda y, Mar ch 23, 201 3 1 9 >999.999
HHDFMX	Householder	vs Spouse of householder	1.000 0	1.059	0.949	1.181
HHDFMX	In group quarters	vs Spouse of householder	1.000 0	0.007	<0.001	>999.999
HHDFMX	Nonfamily householder	vs Spouse of	1.000 0	1.410	1.021	1.949
HHDFMX	Other Rel 18+ ever marr RP of subfamily	vs Spouse of	1.000 0	0.157	0.037	0.666
HHDFMX	Other Rel 18+ ever marr not in subfamily	vs Spouse of	1.000 0	0.714	0.322	1.583
HHDFMX	Other Rel 18+ never marr RP of subfamily	vs Spouse of	1.000 0	0.008	<0.001	>999.999
HHDFMX	Other Rel 18+ never marr not in subfamily	vs Spouse of	1.000 0	0.562	0.250	1.262
HHDFMX	Other Rel 18+ spouse of subfamily RP	vs Spouse of	1.000 0	0.360	0.140	0.925
HHDFMX	Other Rel <18 ever marr RP of subfamily	vs Spouse of	1.000 0	0.085	<0.001	>999.999
HHDFMX	Other Rel <18 never marr child of subfamily RP	vs Spouse of	1.000 0	0.101	<0.001	>999.999
HHDFMX	Other Rel <18 never marr not in subfamily	vs Spouse of	1.000 0	0.065	<0.001	>999.999
HHDFMX	Other Rel <18 never married RP of subfamily	vs Spouse of	1.000 0	0.297	<0.001	>999.999
HHDFMX	Other Rel <18 spouse of subfamily RP	vs Spouse of	1.000 0	0.019	<0.001	>999.999
HHDFMX	RP of unrelated subfamily	vs Spouse of	1.000 0	0.472	0.196	1.138
HHDFMX	Secondary individual	vs Spouse of householder	1.000 0	0.617	0.408	0.933
HHDFMX	Spouse of RP of unrelated subfamily	vs Spouse of	1.000 0	3.665	0.827	16.240

MIGMTR1 Abroad to MSA vs Not in universe	1.000 0	0.181	<0.001	22.4 3 Sat urda y, Mar ch 23, 201 3 2 0 >999.999
MIGMTR1 Abroad to nonMSA vs Not in universe	1.000 0	<0.001	<0.001	>999.999
MIGMTR1 MSA to MSA vs Not in universe	1.000 0	0.225	<0.001	>999.999
MIGMTR1 MSA to nonMSA vs Not in universe	1.000 0	0.160	<0.001	>999.999
MIGMTR1 NonMSA to MSA vs Not in universe	1.000 0	0.345	<0.001	>999.999
MIGMTR1 NonMSA to nonMSA vs Not in universe	1.000 0	0.134	<0.001	>999.999
MIGMTR1 Nonmover vs Not in universe	1.000 0	3.093	<0.001	>999.999
NOEMP	1.000 0	1.173	1.151	1.196
VETYN	1.000 0	0.694	0.533	0.905
WKSWORK	1.000 0	1.037	1.033	1.042

Partition for the Hosmer and Lemeshow Test					
Group	Total	INCOME = 1		INCOME = 0	
		Observed	Expected	Observed	Expected
1	9797	0	0.08	9797	9796.92
2	9325	0	0.23	9325	9324.77
3	9358	1	0.62	9357	9357.38
4	9359	10	6.88	9349	9352.12

5	9358	25	27.48	9333	9330.52
6	9361	68	73.03	9293	9287.97
7	9359	165	180.00	9194	9179.00
8	9359	390	430.19	8969	8928.81
9	9359	1104	1056.26	8255	8302.74
10	8955	3716	3704.61	5239	5250.39

Hosmer and Lemeshow Goodness-of-Fit Test		
Chi-Square	DF	Pr > ChiSq
10.2423	8	0.2484

Classification Table									
Prob Level	Correct		Incorrect		Percentages				
	Event	Non-Event	Event	Non-Event	Correct	Sensi- tivity	Speci- ficity	False POS	False NEG
0.000	5794	0	9177 8	0	5.9	100.0	0.0	94.1	.
0.050	5266	7425 3	1752 5	528	81.5	90.9	80.9	76.9	0.7
0.100	4699	8139 9	1037 9	1095	88.2	81.1	88.7	68.8	1.3
0.150	4198	8493 4	6844	1596	91.3	72.5	92.5	62.0	1.8
0.200	3746	8692 7	4851	2048	92.9	64.7	94.7	56.4	2.3