

**Count of Observations in Each 3-Way Combination**

sex	age_group	education_level	obs_count
1	50-66	H20_35	307433
1	30-49	H20_35	287080
0	50-66	H20_35	277592
1	67+	H20_35	232533
1	16-29	H10	216892
0	67+	H20_35	216746
0	30-49	H20_35	216130
0	30-49	H50_60	215109
1	16-29	H20_35	214087
0	67+	H10	212291
0	16-29	H20_35	206056
0	16-29	H10	170858
0	50-66	H50_60	157951
0	30-49	H70	156672
1	50-66	H10	130778
1	30-49	H50_60	130408
1	67+	H10	128510
1	30-49	H70	126021
1	30-49	H10	120065
0	67+	H50_60	114599
0	50-66	H10	112635
0	16-29	H50_60	87781
1	50-66	H50_60	83172
0	30-49	H10	80281
1	67+	H50_60	66610
1	50-66	H70	62046
0	50-66	H70	59609
1	16-29	H50_60	57769
1	30-49	H40	52715
1	50-66	H40	46072
1	67+	H70	42414
0	30-49	H40	41047
0	16-29	H70	37085
0	50-66	H40	32979
1	16-29	H70	30255
0	67+	H70	23276
1	67+	H40	22006
1	16-29	H40	18498
0	67+	H40	16671
0	16-29	H40	16647
1	30-49	H80	16238
1	50-66	H90	14873
0	30-49	H80	13504

***Count of Observations in Each 3-Way Combination***

sex	age_group	education_level	obs_count
1	30-49	H90	12143
0	50-66	H90	10138
0	67+	H90	9787
0	30-49	H90	8253
1	50-66	H80	8222
1	67+	H90	8010
0	50-66	H80	6004
1	16-29	H90	4742
0	16-29	H90	4181
1	67+	H80	2051
0	67+	H80	927
1	16-29	H80	459
0	16-29	H80	379

Summary of 3-Way Combinations

total_combinations	combinations_with_10plus	combinations_with_less_than_10	combinations_with_less_than_5
56	56	0	0

## ***Summary of 3-Way Combinations***

### ***The SURVEYSELECT Procedure***

<b>Selection Method</b>	Simple Random Sampling
<b>Strata Variables</b>	sex
	age_group
	education_level

<b>Input Data Set</b>	INDIVIDUAL_DATA
<b>Random Number Seed</b>	99035830
<b>Stratum Sampling Rate</b>	0.1
<b>Number of Strata</b>	56
<b>Total Sample Size</b>	494755
<b>Output Data Set</b>	INDIVIDUAL_DATA_SAMPLE

**Verification of Cell Sizes in Stratified Sample**

sex	education_level	age_group	sample_count
0	H80	16-29	38
1	H80	16-29	46
0	H80	67+	93
1	H80	67+	206
0	H90	16-29	419
1	H90	16-29	475
0	H80	50-66	601
1	H90	67+	801
1	H80	50-66	823
0	H90	30-49	826
0	H90	67+	979
0	H90	50-66	1014
1	H90	30-49	1215
0	H80	30-49	1351
1	H90	50-66	1488
1	H80	30-49	1624
0	H40	16-29	1665
0	H40	67+	1668
1	H40	16-29	1850
1	H40	67+	2201
0	H70	67+	2328
1	H70	16-29	3026
0	H40	50-66	3298
0	H70	16-29	3709
0	H40	30-49	4105
1	H70	67+	4242
1	H40	50-66	4608
1	H40	30-49	5272
1	H50_60	16-29	5777
0	H70	50-66	5961
1	H70	50-66	6205
1	H50_60	67+	6661
0	H10	30-49	8029
1	H50_60	50-66	8318
0	H50_60	16-29	8779
0	H10	50-66	11264
0	H50_60	67+	11460
1	H10	30-49	12007
1	H70	30-49	12603
1	H10	67+	12851
1	H50_60	30-49	13041
1	H10	50-66	13078
0	H70	30-49	15668

**Verification of Cell Sizes in Stratified Sample**

sex	education_level	age_group	sample_count
0	H50_60	50-66	15796
0	H10	16-29	17086
0	H20_35	16-29	20606
0	H10	67+	21230
1	H20_35	16-29	21409
0	H50_60	30-49	21511
0	H20_35	30-49	21613
0	H20_35	67+	21675
1	H10	16-29	21690
1	H20_35	67+	23254
0	H20_35	50-66	27760
1	H20_35	30-49	28708
1	H20_35	50-66	30744

**Original Data Distributions****The FREQ Procedure**

sex	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	2505188	50.64	2505188	50.64
1	2442102	49.36	4947290	100.00

education_level	Frequency	Percent	Cumulative Frequency	Cumulative Percent
H10	1172310	23.70	1172310	23.70
H20_35	1957657	39.57	3129967	63.27
H40	246635	4.99	3376602	68.25
H50_60	913399	18.46	4290001	86.71
H70	537378	10.86	4827379	97.58
H80	47784	0.97	4875163	98.54
H90	72127	1.46	4947290	100.00

age_group	Frequency	Percent	Cumulative Frequency	Cumulative Percent
16-29	1065689	21.54	1065689	21.54
30-49	1475666	29.83	2541355	51.37
50-66	1309504	26.47	3850859	77.84
67+	1096431	22.16	4947290	100.00

**Stratified Sample Distributions****The FREQ Procedure**

sex	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	250532	50.64	250532	50.64
1	244223	49.36	494755	100.00

education_level	Frequency	Percent	Cumulative Frequency	Cumulative Percent
H10	117235	23.70	117235	23.70
H20_35	195769	39.57	313004	63.26
H40	24667	4.99	337671	68.25
H50_60	91343	18.46	429014	86.71
H70	53742	10.86	482756	97.57
H80	4782	0.97	487538	98.54
H90	7217	1.46	494755	100.00

age_group	Frequency	Percent	Cumulative Frequency	Cumulative Percent
16-29	106575	21.54	106575	21.54
30-49	147573	29.83	254148	51.37
50-66	130958	26.47	385106	77.84
67+	109649	22.16	494755	100.00