

## The SAS System

Obs	sd_cust_subtype	sd_no_of_houses	sd_avg_household	sd_avg_age_band	sd_cust_maintype	sd_religion_catholic	sd_religion_protestant	sd_religion_other	sd_
1	33	1	3	2	8	0	5	1	
2	37	1	2	2	8	1	4	1	
3	37	1	2	2	8	0	4	2	
4	9	1	3	3	3	2	3	2	
5	40	1	4	2	10	1	4	1	
6	23	1	2	1	5	0	5	0	
7	39	2	3	2	9	2	2	0	
8	33	1	2	3	8	0	7	0	
9	33	1	2	4	8	0	1	3	
10	11	2	3	3	3	3	5	0	

## The SAS System

## The FREQ Procedure

sd_cust_subtype	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	124	2.13	124	2.13
2	82	1.41	206	3.54
3	249	4.28	455	7.82
4	52	0.89	507	8.71
5	45	0.77	552	9.48
6	119	2.04	671	11.53
7	44	0.76	715	12.28
8	339	5.82	1054	18.10
9	278	4.77	1332	22.88
10	165	2.83	1497	25.71
11	153	2.63	1650	28.34
12	111	1.91	1761	30.25
13	179	3.07	1940	33.32
15	5	0.09	1945	33.41
16	16	0.27	1961	33.68
17	9	0.15	1970	33.84
18	19	0.33	1989	34.16
19	3	0.05	1992	34.22
20	25	0.43	2017	34.64
21	15	0.26	2032	34.90
22	98	1.68	2130	36.59
23	251	4.31	2381	40.90
24	180	3.09	2561	43.99
25	82	1.41	2643	45.40
26	48	0.82	2691	46.22
27	50	0.86	2741	47.08
28	25	0.43	2766	47.51
29	86	1.48	2852	48.99
30	118	2.03	2970	51.01
31	205	3.52	3175	54.53
32	141	2.42	3316	56.96
33	810	13.91	4126	70.87
34	182	3.13	4308	74.00
35	214	3.68	4522	77.67
36	225	3.86	4747	81.54
37	132	2.27	4879	83.80
38	339	5.82	5218	89.63
39	328	5.63	5546	95.26
40	71	1.22	5617	96.48
41	205	3.52	5822	100.00

sd_no_of_houses	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	5267	90.47	5267	90.47
2	505	8.67	5772	99.14
3	39	0.67	5811	99.81
4	2	0.03	5813	99.85
5	1	0.02	5814	99.86
6	1	0.02	5815	99.88
7	5	0.09	5820	99.97
8	1	0.02	5821	99.98
10	1	0.02	5822	100.00

--	--	--	--	--

sd_avg_household	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	284	4.88	284	4.88
2	2131	36.60	2415	41.48
3	2646	45.45	5061	86.93
4	693	11.90	5754	98.83
5	68	1.17	5822	100.00

sd_avg_age_band	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	74	1.27	74	1.27
2	1452	24.94	1526	26.21
3	3000	51.53	4526	77.74
4	1073	18.43	5599	96.17
5	193	3.32	5792	99.48
6	30	0.52	5822	100.00

sd_cust_maintype	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	552	9.48	552	9.48
2	502	8.62	1054	18.10
3	886	15.22	1940	33.32
4	52	0.89	1992	34.22
5	569	9.77	2561	43.99
6	205	3.52	2766	47.51
7	550	9.45	3316	56.96
8	1563	26.85	4879	83.80
9	667	11.46	5546	95.26
10	276	4.74	5822	100.00

sd_religion_catholic	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	3228	55.44	3228	55.44
1	1599	27.46	4827	82.91
2	733	12.59	5560	95.50
3	152	2.61	5712	98.11
4	66	1.13	5778	99.24
5	18	0.31	5796	99.55
6	13	0.22	5809	99.78
7	6	0.10	5815	99.88
8	3	0.05	5818	99.93
9	4	0.07	5822	100.00

sd_religion_protestant	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	78	1.34	78	1.34
1	134	2.30	212	3.64
2	396	6.80	608	10.44
3	590	10.13	1198	20.58
4	1607	27.60	2805	48.18
5	1501	25.78	4306	73.96
6	714	12.26	5020	86.22
7	564	9.69	5584	95.91
8	65	1.12	5649	97.03
9	173	2.97	5822	100.00

sd_religion_other	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	2003	34.40	2003	34.40
1	2014	34.59	4017	69.00
2	1388	23.84	5405	92.84
3	257	4.41	5662	97.25

4	132	2.27	5794	99.52
5	28	0.48	5822	100.00

sd_religion_no	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	456	7.83	456	7.83
1	230	3.95	686	11.78
2	1055	18.12	1741	29.90
3	1453	24.96	3194	54.86
4	1334	22.91	4528	77.77
5	963	16.54	5491	94.31
6	217	3.73	5708	98.04
7	101	1.73	5809	99.78
8	5	0.09	5814	99.86
9	8	0.14	5822	100.00

sd_rel_married	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	64	1.10	64	1.10
1	75	1.29	139	2.39
2	157	2.70	296	5.08
3	246	4.23	542	9.31
4	324	5.57	866	14.87
5	946	16.25	1812	31.12
6	1172	20.13	2984	51.25
7	1683	28.91	4667	80.16
8	361	6.20	5028	86.36
9	794	13.64	5822	100.00

sd_rel_living_tg	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	2448	42.05	2448	42.05
1	2030	34.87	4478	76.92
2	1075	18.46	5553	95.38
3	159	2.73	5712	98.11
4	78	1.34	5790	99.45
5	18	0.31	5808	99.76
6	13	0.22	5821	99.98
7	1	0.02	5822	100.00

sd_rel_other	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	1173	20.15	1173	20.15
1	539	9.26	1712	29.41
2	1756	30.16	3468	59.57
3	1152	19.79	4620	79.35
4	648	11.13	5268	90.48
5	266	4.57	5534	95.05
6	179	3.07	5713	98.13
7	64	1.10	5777	99.23
8	21	0.36	5798	99.59
9	24	0.41	5822	100.00

sd_rel_no_singles	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	1757	30.18	1757	30.18
1	951	16.33	2708	46.51
2	1247	21.42	3955	67.93
3	848	14.57	4803	82.50
4	519	8.91	5322	91.41
5	259	4.45	5581	95.86

<b>6</b>	127	2.18	5708	98.04
<b>7</b>	67	1.15	5775	99.19
<b>8</b>	24	0.41	5799	99.60
<b>9</b>	23	0.40	5822	100.00

<b>sd_hshold_wo_children</b>	<b>Frequency</b>	<b>Percent</b>	<b>Cumulative Frequency</b>	<b>Cumulative Percent</b>
<b>0</b>	371	6.37	371	6.37
<b>1</b>	372	6.39	743	12.76
<b>2</b>	1060	18.21	1803	30.97
<b>3</b>	1498	25.73	3301	56.70
<b>4</b>	1455	24.99	4756	81.69
<b>5</b>	606	10.41	5362	92.10
<b>6</b>	321	5.51	5683	97.61
<b>7</b>	96	1.65	5779	99.26
<b>8</b>	14	0.24	5793	99.50
<b>9</b>	29	0.50	5822	100.00

<b>sd_hshold_w_children</b>	<b>Frequency</b>	<b>Percent</b>	<b>Cumulative Frequency</b>	<b>Cumulative Percent</b>
<b>0</b>	153	2.63	153	2.63
<b>1</b>	292	5.02	445	7.64
<b>2</b>	635	10.91	1080	18.55
<b>3</b>	973	16.71	2053	35.26
<b>4</b>	1137	19.53	3190	54.79
<b>5</b>	1106	19.00	4296	73.79
<b>6</b>	783	13.45	5079	87.24
<b>7</b>	351	6.03	5430	93.27
<b>8</b>	206	3.54	5636	96.81
<b>9</b>	186	3.19	5822	100.00

<b>sd_education_higher</b>	<b>Frequency</b>	<b>Percent</b>	<b>Cumulative Frequency</b>	<b>Cumulative Percent</b>
<b>0</b>	2147	36.88	2147	36.88
<b>1</b>	1322	22.71	3469	59.58
<b>2</b>	1144	19.65	4613	79.23
<b>3</b>	547	9.40	5160	88.63
<b>4</b>	326	5.60	5486	94.23
<b>5</b>	187	3.21	5673	97.44
<b>6</b>	67	1.15	5740	98.59
<b>7</b>	51	0.88	5791	99.47
<b>8</b>	22	0.38	5813	99.85
<b>9</b>	9	0.15	5822	100.00

<b>sd_education_medium</b>	<b>Frequency</b>	<b>Percent</b>	<b>Cumulative Frequency</b>	<b>Cumulative Percent</b>
<b>0</b>	423	7.27	423	7.27
<b>1</b>	383	6.58	806	13.84
<b>2</b>	937	16.09	1743	29.94
<b>3</b>	1330	22.84	3073	52.78
<b>4</b>	1426	24.49	4499	77.28
<b>5</b>	738	12.68	5237	89.95
<b>6</b>	348	5.98	5585	95.93
<b>7</b>	157	2.70	5742	98.63
<b>8</b>	37	0.64	5779	99.26
<b>9</b>	43	0.74	5822	100.00

<b>sd_education_lower</b>	<b>Frequency</b>	<b>Percent</b>	<b>Cumulative Frequency</b>	<b>Cumulative Percent</b>
<b>0</b>	299	5.14	299	5.14
<b>1</b>	243	4.17	542	9.31

<b>2</b>	667	11.46	1209	20.77
<b>3</b>	680	11.68	1889	32.45
<b>4</b>	851	14.62	2740	47.06
<b>5</b>	1009	17.33	3749	64.39
<b>6</b>	856	14.70	4605	79.10
<b>7</b>	640	10.99	5245	90.09
<b>8</b>	254	4.36	5499	94.45
<b>9</b>	323	5.55	5822	100.00

<b>sd_empst_high</b>	<b>Frequency</b>	<b>Percent</b>	<b>Cumulative Frequency</b>	<b>Cumulative Percent</b>
<b>0</b>	1524	26.18	1524	26.18
<b>1</b>	1245	21.38	2769	47.56
<b>2</b>	1364	23.43	4133	70.99
<b>3</b>	756	12.99	4889	83.97
<b>4</b>	397	6.82	5286	90.79
<b>5</b>	249	4.28	5535	95.07
<b>6</b>	138	2.37	5673	97.44
<b>7</b>	92	1.58	5765	99.02
<b>8</b>	26	0.45	5791	99.47
<b>9</b>	31	0.53	5822	100.00

<b>sd_empst_Entrepr</b>	<b>Frequency</b>	<b>Percent</b>	<b>Cumulative Frequency</b>	<b>Cumulative Percent</b>
<b>0</b>	4171	71.64	4171	71.64
<b>1</b>	1202	20.65	5373	92.29
<b>2</b>	348	5.98	5721	98.27
<b>3</b>	37	0.64	5758	98.90
<b>4</b>	12	0.21	5770	99.11
<b>5</b>	52	0.89	5822	100.00

<b>sd_empst_farmer</b>	<b>Frequency</b>	<b>Percent</b>	<b>Cumulative Frequency</b>	<b>Cumulative Percent</b>
<b>0</b>	4176	71.73	4176	71.73
<b>1</b>	854	14.67	5030	86.40
<b>2</b>	487	8.36	5517	94.76
<b>3</b>	143	2.46	5660	97.22
<b>4</b>	77	1.32	5737	98.54
<b>5</b>	59	1.01	5796	99.55
<b>6</b>	14	0.24	5810	99.79
<b>7</b>	3	0.05	5813	99.85
<b>8</b>	5	0.09	5818	99.93
<b>9</b>	4	0.07	5822	100.00

<b>sd_empst_mdI_mgmt</b>	<b>Frequency</b>	<b>Percent</b>	<b>Cumulative Frequency</b>	<b>Cumulative Percent</b>
<b>0</b>	667	11.46	667	11.46
<b>1</b>	403	6.92	1070	18.38
<b>2</b>	1491	25.61	2561	43.99
<b>3</b>	1394	23.94	3955	67.93
<b>4</b>	953	16.37	4908	84.30
<b>5</b>	431	7.40	5339	91.70
<b>6</b>	211	3.62	5550	95.33
<b>7</b>	178	3.06	5728	98.39
<b>8</b>	14	0.24	5742	98.63
<b>9</b>	80	1.37	5822	100.00

<b>sd_empst_skill_labour</b>	<b>Frequency</b>	<b>Percent</b>	<b>Cumulative Frequency</b>	<b>Cumulative Percent</b>
<b>0</b>	1167	20.04	1167	20.04
<b>1</b>	921	15.82	2088	35.86

2	1382	23.74	3470	59.60
3	1167	20.04	4637	79.65
4	604	10.37	5241	90.02
5	310	5.32	5551	95.35
6	169	2.90	5720	98.25
7	68	1.17	5788	99.42
8	24	0.41	5812	99.83
9	10	0.17	5822	100.00

sd_empst_unskill_labour	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	968	16.63	968	16.63
1	980	16.83	1948	33.46
2	1439	24.72	3387	58.18
3	1109	19.05	4496	77.22
4	772	13.26	5268	90.48
5	331	5.69	5599	96.17
6	122	2.10	5721	98.27
7	66	1.13	5787	99.40
8	9	0.15	5796	99.55
9	26	0.45	5822	100.00

sd_socialclassA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	1738	29.85	1738	29.85
1	1569	26.95	3307	56.80
2	1198	20.58	4505	77.38
3	685	11.77	5190	89.14
4	261	4.48	5451	93.63
5	127	2.18	5578	95.81
6	96	1.65	5674	97.46
7	79	1.36	5753	98.81
8	13	0.22	5766	99.04
9	56	0.96	5822	100.00

sd_socialclassB1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	1353	23.24	1353	23.24
1	1480	25.42	2833	48.66
2	1783	30.63	4616	79.29
3	775	13.31	5391	92.60
4	298	5.12	5689	97.72
5	78	1.34	5767	99.06
6	25	0.43	5792	99.48
7	5	0.09	5797	99.57
8	8	0.14	5805	99.71
9	17	0.29	5822	100.00

sd_socialclassB2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	990	17.00	990	17.00
1	861	14.79	1851	31.79
2	1676	28.79	3527	60.58
3	1175	20.18	4702	80.76
4	652	11.20	5354	91.96
5	357	6.13	5711	98.09
6	96	1.65	5807	99.74
7	6	0.10	5813	99.85
8	7	0.12	5820	99.97
9	2	0.03	5822	100.00

sd_socialclassC	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	364	6.25	364	6.25
1	272	4.67	636	10.92
2	870	14.94	1506	25.87
3	1090	18.72	2596	44.59
4	1159	19.91	3755	64.50
5	1168	20.06	4923	84.56
6	487	8.36	5410	92.92
7	217	3.73	5627	96.65
8	71	1.22	5698	97.87
9	124	2.13	5822	100.00

sd_socialclassD	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	2607	44.78	2607	44.78
1	1563	26.85	4170	71.62
2	852	14.63	5022	86.26
3	441	7.57	5463	93.83
4	223	3.83	5686	97.66
5	100	1.72	5786	99.38
6	22	0.38	5808	99.76
7	13	0.22	5821	99.98
9	1	0.02	5822	100.00

sd_rentedhouse	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	949	16.30	949	16.30
1	428	7.35	1377	23.65
2	717	12.32	2094	35.97
3	593	10.19	2687	46.15
4	517	8.88	3204	55.03
5	519	8.91	3723	63.95
6	382	6.56	4105	70.51
7	425	7.30	4530	77.81
8	532	9.14	5062	86.95
9	760	13.05	5822	100.00

sd_homeowners	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	760	13.05	760	13.05
1	530	9.10	1290	22.16
2	426	7.32	1716	29.47
3	382	6.56	2098	36.04
4	499	8.57	2597	44.61
5	520	8.93	3117	53.54
6	604	10.37	3721	63.91
7	724	12.44	4445	76.35
8	428	7.35	4873	83.70
9	949	16.30	5822	100.00

sd_car_1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	19	0.33	19	0.33
1	14	0.24	33	0.57
2	58	1.00	91	1.56
3	231	3.97	322	5.53
4	448	7.69	770	13.23
5	1210	20.78	1980	34.01
6	1663	28.56	3643	62.57
7	1413	24.27	5056	86.84



8	261	4.48	5317	91.33
9	505	8.67	5822	100.00

sd_car_2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	1854	31.84	1854	31.84
1	1468	25.21	3322	57.06
2	1748	30.02	5070	87.08
3	385	6.61	5455	93.70
4	301	5.17	5756	98.87
5	56	0.96	5812	99.83
6	9	0.15	5821	99.98
7	1	0.02	5822	100.00

sd_car_0	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	1450	24.91	1450	24.91
1	776	13.33	2226	38.23
2	1625	27.91	3851	66.15
3	1066	18.31	4917	84.46
4	587	10.08	5504	94.54
5	174	2.99	5678	97.53
6	89	1.53	5767	99.06
7	25	0.43	5792	99.48
8	13	0.22	5805	99.71
9	17	0.29	5822	100.00

sd_health_ins_national	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	55	0.94	55	0.94
1	15	0.26	70	1.20
2	307	5.27	377	6.48
3	177	3.04	554	9.52
4	357	6.13	911	15.65
5	974	16.73	1885	32.38
6	875	15.03	2760	47.41
7	1511	25.95	4271	73.36
8	699	12.01	4970	85.37
9	852	14.63	5822	100.00

sd_health_ins_private	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	852	14.63	852	14.63
1	699	12.01	1551	26.64
2	1511	25.95	3062	52.59
3	849	14.58	3911	67.18
4	992	17.04	4903	84.22
5	364	6.25	5267	90.47
6	178	3.06	5445	93.52
7	307	5.27	5752	98.80
8	15	0.26	5767	99.06
9	55	0.94	5822	100.00

sd_income_l_30k	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	1304	22.40	1304	22.40
1	630	10.82	1934	33.22
2	1094	18.79	3028	52.01
3	1079	18.53	4107	70.54
4	599	10.29	4706	80.83
5	568	9.76	5274	90.59

6	293	5.03	5567	95.62
7	156	2.68	5723	98.30
8	48	0.82	5771	99.12
9	51	0.88	5822	100.00

sd_income_30k_45k	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	465	7.99	465	7.99
1	268	4.60	733	12.59
2	919	15.78	1652	28.38
3	1147	19.70	2799	48.08
4	1356	23.29	4155	71.37
5	931	15.99	5086	87.36
6	406	6.97	5492	94.33
7	205	3.52	5697	97.85
8	35	0.60	5732	98.45
9	90	1.55	5822	100.00

sd_income_45k_75k	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	891	15.30	891	15.30
1	657	11.28	1548	26.59
2	1165	20.01	2713	46.60
3	1215	20.87	3928	67.47
4	1034	17.76	4962	85.23
5	498	8.55	5460	93.78
6	125	2.15	5585	95.93
7	93	1.60	5678	97.53
8	53	0.91	5731	98.44
9	91	1.56	5822	100.00

sd_income_75k_122k	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	3246	55.75	3246	55.75
1	1359	23.34	4605	79.10
2	736	12.64	5341	91.74
3	246	4.23	5587	95.96
4	147	2.52	5734	98.49
5	71	1.22	5805	99.71
6	8	0.14	5813	99.85
7	1	0.02	5814	99.86
8	4	0.07	5818	99.93
9	4	0.07	5822	100.00

sd_income_g_123k	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	4900	84.16	4900	84.16
1	763	13.11	5663	97.27
2	96	1.65	5759	98.92
3	36	0.62	5795	99.54
4	24	0.41	5819	99.95
5	1	0.02	5820	99.97
7	1	0.02	5821	99.98
9	1	0.02	5822	100.00

sd_income_avg	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	25	0.43	25	0.43
1	49	0.84	74	1.27
2	651	11.18	725	12.45
3	1932	33.18	2657	45.64

4	1854	31.84	4511	77.48
5	733	12.59	5244	90.07
6	355	6.10	5599	96.17
7	131	2.25	5730	98.42
8	70	1.20	5800	99.62
9	22	0.38	5822	100.00

sd_p_power_class	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	587	10.08	587	10.08
2	425	7.30	1012	17.38
3	1524	26.18	2536	43.56
4	902	15.49	3438	59.05
5	583	10.01	4021	69.07
6	901	15.48	4922	84.54
7	474	8.14	5396	92.68
8	426	7.32	5822	100.00

po_ins_pol_thirdparty_pvt	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	3482	59.81	3482	59.81
1	201	3.45	3683	63.26
2	2128	36.55	5811	99.81
3	11	0.19	5822	100.00

po_ins_pol_thirdparty_firms	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	5740	98.59	5740	98.59
1	7	0.12	5747	98.71
2	30	0.52	5777	99.23
3	23	0.40	5800	99.62
4	17	0.29	5817	99.91
5	1	0.02	5818	99.93
6	4	0.07	5822	100.00

po_ins_pol_thirdparty_agri	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	5702	97.94	5702	97.94
2	3	0.05	5705	97.99
3	57	0.98	5762	98.97
4	60	1.03	5822	100.00

po_ins_pol_car	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	2845	48.87	2845	48.87
4	1	0.02	2846	48.88
5	613	10.53	3459	59.41
6	2319	39.83	5778	99.24
7	41	0.70	5819	99.95
8	3	0.05	5822	100.00

po_ins_pol_del_van	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	5774	99.18	5774	99.18
5	10	0.17	5784	99.35
6	35	0.60	5819	99.95
7	3	0.05	5822	100.00

po_ins_pol_motorcycle_sc	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	5600	96.19	5600	96.19
3	3	0.05	5603	96.24
4	136	2.34	5739	98.57

<b>5</b>	32	0.55	5771	99.12
<b>6</b>	49	0.84	5820	99.97
<b>7</b>	2	0.03	5822	100.00

<b>po_ins_pol_lorry</b>	<b>Frequency</b>	<b>Percent</b>	<b>Cumulative Frequency</b>	<b>Cumulative Percent</b>
<b>0</b>	5813	99.85	5813	99.85
<b>4</b>	1	0.02	5814	99.86
<b>6</b>	7	0.12	5821	99.98
<b>9</b>	1	0.02	5822	100.00

<b>po_ins_pol_trailer</b>	<b>Frequency</b>	<b>Percent</b>	<b>Cumulative Frequency</b>	<b>Cumulative Percent</b>
<b>0</b>	5757	98.88	5757	98.88
<b>1</b>	19	0.33	5776	99.21
<b>2</b>	38	0.65	5814	99.86
<b>3</b>	6	0.10	5820	99.97
<b>4</b>	1	0.02	5821	99.98
<b>5</b>	1	0.02	5822	100.00

<b>po_ins_pol_tractor</b>	<b>Frequency</b>	<b>Percent</b>	<b>Cumulative Frequency</b>	<b>Cumulative Percent</b>
<b>0</b>	5679	97.54	5679	97.54
<b>3</b>	79	1.36	5758	98.90
<b>4</b>	27	0.46	5785	99.36
<b>5</b>	28	0.48	5813	99.85
<b>6</b>	9	0.15	5822	100.00

<b>po_ins_pol_agri_machines</b>	<b>Frequency</b>	<b>Percent</b>	<b>Cumulative Frequency</b>	<b>Cumulative Percent</b>
<b>0</b>	5801	99.64	5801	99.64
<b>2</b>	4	0.07	5805	99.71
<b>3</b>	6	0.10	5811	99.81
<b>4</b>	8	0.14	5819	99.95
<b>6</b>	3	0.05	5822	100.00

<b>po_ins_pol_moped</b>	<b>Frequency</b>	<b>Percent</b>	<b>Cumulative Frequency</b>	<b>Cumulative Percent</b>
<b>0</b>	5426	93.20	5426	93.20
<b>2</b>	34	0.58	5460	93.78
<b>3</b>	282	4.84	5742	98.63
<b>4</b>	63	1.08	5805	99.71
<b>5</b>	16	0.27	5821	99.98
<b>6</b>	1	0.02	5822	100.00

<b>po_ins_pol_life</b>	<b>Frequency</b>	<b>Percent</b>	<b>Cumulative Frequency</b>	<b>Cumulative Percent</b>
<b>0</b>	5529	94.97	5529	94.97
<b>1</b>	9	0.15	5538	95.12
<b>2</b>	28	0.48	5566	95.60
<b>3</b>	84	1.44	5650	97.05
<b>4</b>	94	1.61	5744	98.66
<b>5</b>	35	0.60	5779	99.26
<b>6</b>	38	0.65	5817	99.91
<b>7</b>	3	0.05	5820	99.97
<b>8</b>	1	0.02	5821	99.98
<b>9</b>	1	0.02	5822	100.00

<b>po_ins_pol_accident_ins_pvt</b>	<b>Frequency</b>	<b>Percent</b>	<b>Cumulative Frequency</b>	<b>Cumulative Percent</b>
<b>0</b>	5791	99.47	5791	99.47
<b>1</b>	3	0.05	5794	99.52
<b>2</b>	18	0.31	5812	99.83

3	4	0.07	5816	99.90
4	3	0.05	5819	99.95
5	1	0.02	5820	99.97
6	2	0.03	5822	100.00

po_ins_pol_accident_ins_fam	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	5784	99.35	5784	99.35
2	25	0.43	5809	99.78
3	13	0.22	5822	100.00

po_ins_pol_disability	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	5799	99.60	5799	99.60
4	1	0.02	5800	99.62
5	1	0.02	5801	99.64
6	19	0.33	5820	99.97
7	2	0.03	5822	100.00

po_ins_pol_fire	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	2666	45.79	2666	45.79
1	161	2.77	2827	48.56
2	535	9.19	3362	57.75
3	920	15.80	4282	73.55
4	1226	21.06	5508	94.61
5	149	2.56	5657	97.17
6	155	2.66	5812	99.83
7	9	0.15	5821	99.98
8	1	0.02	5822	100.00

po_ins_pol_surfboard	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	5819	99.95	5819	99.95
1	2	0.03	5821	99.98
3	1	0.02	5822	100.00

po_ins_pol_boat	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	5789	99.43	5789	99.43
1	5	0.09	5794	99.52
2	5	0.09	5799	99.60
3	5	0.09	5804	99.69
4	13	0.22	5817	99.91
5	2	0.03	5819	99.95
6	3	0.05	5822	100.00

po_ins_pol_bicycle	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	5675	97.48	5675	97.48
1	147	2.52	5822	100.00

po_ins_pol_property	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	5777	99.23	5777	99.23
1	18	0.31	5795	99.54
2	16	0.27	5811	99.81
3	6	0.10	5817	99.91
4	3	0.05	5820	99.97
5	1	0.02	5821	99.98
6	1	0.02	5822	100.00

po_ins_pol_social_security	Frequency	Percent	Cumulative Frequency	Cumulative Percent
----------------------------	-----------	---------	----------------------	--------------------

<b>0</b>	5740	98.59	5740	98.59
<b>2</b>	15	0.26	5755	98.85
<b>3</b>	22	0.38	5777	99.23
<b>4</b>	44	0.76	5821	99.98
<b>5</b>	1	0.02	5822	100.00

<b>po_no_ins_pol_thirdparty_pvt</b>	<b>Frequency</b>	<b>Percent</b>	<b>Cumulative Frequency</b>	<b>Cumulative Percent</b>
<b>0</b>	3482	59.81	3482	59.81
<b>1</b>	2334	40.09	5816	99.90
<b>2</b>	6	0.10	5822	100.00

<b>po_no_ins_pol_thirdparty_firms</b>	<b>Frequency</b>	<b>Percent</b>	<b>Cumulative Frequency</b>	<b>Cumulative Percent</b>
<b>0</b>	5740	98.59	5740	98.59
<b>1</b>	81	1.39	5821	99.98
<b>5</b>	1	0.02	5822	100.00

<b>po_no_ins_pol_thirdparty_agri</b>	<b>Frequency</b>	<b>Percent</b>	<b>Cumulative Frequency</b>	<b>Cumulative Percent</b>
<b>0</b>	5702	97.94	5702	97.94
<b>1</b>	120	2.06	5822	100.00

<b>po_no_ins_pol_car</b>	<b>Frequency</b>	<b>Percent</b>	<b>Cumulative Frequency</b>	<b>Cumulative Percent</b>
<b>0</b>	2845	48.87	2845	48.87
<b>1</b>	2712	46.58	5557	95.45
<b>2</b>	246	4.23	5803	99.67
<b>3</b>	12	0.21	5815	99.88
<b>4</b>	5	0.09	5820	99.97
<b>6</b>	1	0.02	5821	99.98
<b>7</b>	1	0.02	5822	100.00

<b>po_no_ins_pol_del_van</b>	<b>Frequency</b>	<b>Percent</b>	<b>Cumulative Frequency</b>	<b>Cumulative Percent</b>
<b>0</b>	5774	99.18	5774	99.18
<b>1</b>	40	0.69	5814	99.86
<b>2</b>	4	0.07	5818	99.93
<b>3</b>	3	0.05	5821	99.98
<b>4</b>	1	0.02	5822	100.00

<b>po_no_ins_pol_motorcycle_sc</b>	<b>Frequency</b>	<b>Percent</b>	<b>Cumulative Frequency</b>	<b>Cumulative Percent</b>
<b>0</b>	5600	96.19	5600	96.19
<b>1</b>	211	3.62	5811	99.81
<b>2</b>	10	0.17	5821	99.98
<b>8</b>	1	0.02	5822	100.00

<b>po_no_ins_pol_lorry</b>	<b>Frequency</b>	<b>Percent</b>	<b>Cumulative Frequency</b>	<b>Cumulative Percent</b>
<b>0</b>	5813	99.85	5813	99.85
<b>1</b>	6	0.10	5819	99.95
<b>2</b>	2	0.03	5821	99.98
<b>3</b>	1	0.02	5822	100.00

<b>po_no_ins_pol_trailer</b>	<b>Frequency</b>	<b>Percent</b>	<b>Cumulative Frequency</b>	<b>Cumulative Percent</b>
<b>0</b>	5757	98.88	5757	98.88
<b>1</b>	59	1.01	5816	99.90
<b>2</b>	4	0.07	5820	99.97
<b>3</b>	2	0.03	5822	100.00

<b>po_no_ins_pol_tractor</b>	<b>Frequency</b>	<b>Percent</b>	<b>Cumulative Frequency</b>	<b>Cumulative Percent</b>

0	5679	97.54	5679	97.54
1	105	1.80	5784	99.35
2	29	0.50	5813	99.85
3	3	0.05	5816	99.90
4	6	0.10	5822	100.00

po_no_ins_pol_agri_machines	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	5801	99.64	5801	99.64
1	12	0.21	5813	99.85
2	6	0.10	5819	99.95
3	2	0.03	5821	99.98
6	1	0.02	5822	100.00

po_no_ins_pol_moped	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	5426	93.20	5426	93.20
1	382	6.56	5808	99.76
2	14	0.24	5822	100.00

po_no_ins_pol_life	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	5529	94.97	5529	94.97
1	173	2.97	5702	97.94
2	100	1.72	5802	99.66
3	11	0.19	5813	99.85
4	8	0.14	5821	99.98
8	1	0.02	5822	100.00

po_no_ins_pol_accident_ins_pvt	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	5791	99.47	5791	99.47
1	31	0.53	5822	100.00

po_no_ins_pol_accident_ins_fam	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	5784	99.35	5784	99.35
1	38	0.65	5822	100.00

po_no_ins_pol_disability	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	5799	99.60	5799	99.60
1	19	0.33	5818	99.93
2	4	0.07	5822	100.00

po_no_ins_pol_fire	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	2666	45.79	2666	45.79
1	3017	51.82	5683	97.61
2	126	2.16	5809	99.78
3	7	0.12	5816	99.90
4	3	0.05	5819	99.95
5	2	0.03	5821	99.98
7	1	0.02	5822	100.00

po_no_ins_pol_surfboard	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	5819	99.95	5819	99.95
1	3	0.05	5822	100.00

po_no_ins_pol_boat	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	5789	99.43	5789	99.43
1	31	0.53	5820	99.97

2	2	0.03	5822	100.00
---	---	------	------	--------

po_no_ins_pol_bicycle	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	5675	97.48	5675	97.48
1	111	1.91	5786	99.38
2	34	0.58	5820	99.97
3	2	0.03	5822	100.00

po_no_ins_pol_property	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	5777	99.23	5777	99.23
1	44	0.76	5821	99.98
2	1	0.02	5822	100.00

po_no_ins_pol_social_security	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	5740	98.59	5740	98.59
1	81	1.39	5821	99.98
2	1	0.02	5822	100.00

po_ins_pol_caravan	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	5474	94.02	5474	94.02
1	348	5.98	5822	100.00



---

**The SAS System****The FREQ Procedure**

sd_cust_subtype	Frequency
1	124
2	82
3	249
4	52
5	45
6	119
7	44
8	339
9	278
10	165
11	153
12	111
13	179
15	5
16	16
17	9
18	19
19	3
20	25
21	15
22	98
23	251
24	180
25	82
26	48
27	50
28	25
29	86
30	118
31	205
32	141
33	810
34	182
35	214
36	225
37	132
38	339
39	328
40	71
41	205

sd_no_of_houses	Frequency
1	5267
2	505
3	39
4	2
5	1
6	1
7	5
8	1
10	1

sd_avg_household	Frequency
1	284

2	2131
3	2646
4	693
5	68

sd_avg_age_band	Frequency
1	74
2	1452
3	3000
4	1073
5	193
6	30

sd_cust_maintype	Frequency
1	552
2	502
3	886
4	52
5	569
6	205
7	550
8	1563
9	667
10	276

sd_religion_catholic	Frequency
0	3228
1	1599
2	733
3	152
4	66
5	18
6	13
7	6
8	3
9	4

sd_religion_protestant	Frequency
0	78
1	134
2	396
3	590
4	1607
5	1501
6	714
7	564
8	65
9	173

sd_religion_other	Frequency
0	2003
1	2014
2	1388
3	257
4	132
5	28

sd_religion_no	Frequency
0	456

1	230
2	1055
3	1453
4	1334
5	963
6	217
7	101
8	5
9	8

sd_rel_married	Frequency
0	64
1	75
2	157
3	246
4	324
5	946
6	1172
7	1683
8	361
9	794

sd_rel_living_tg	Frequency
0	2448
1	2030
2	1075
3	159
4	78
5	18
6	13
7	1

sd_rel_other	Frequency
0	1173
1	539
2	1756
3	1152
4	648
5	266
6	179
7	64
8	21
9	24

sd_rel_no_singles	Frequency
0	1757
1	951
2	1247
3	848
4	519
5	259
6	127
7	67
8	24
9	23

sd_hshold_wo_children	Frequency
0	371
1	372

2	1060
3	1498
4	1455
5	606
6	321
7	96
8	14
9	29

sd_hshold_w_children	Frequency
0	153
1	292
2	635
3	973
4	1137
5	1106
6	783
7	351
8	206
9	186

sd_education_higher	Frequency
0	2147
1	1322
2	1144
3	547
4	326
5	187
6	67
7	51
8	22
9	9

sd_education_medium	Frequency
0	423
1	383
2	937
3	1330
4	1426
5	738
6	348
7	157
8	37
9	43

sd_education_lower	Frequency
0	299
1	243
2	667
3	680
4	851
5	1009
6	856
7	640
8	254
9	323

sd_empst_high	Frequency
0	1524

1	1245
2	1364
3	756
4	397
5	249
6	138
7	92
8	26
9	31

sd_empst_Entrepr	Frequency
0	4171
1	1202
2	348
3	37
4	12
5	52

sd_empst_farmer	Frequency
0	4176
1	854
2	487
3	143
4	77
5	59
6	14
7	3
8	5
9	4

sd_empst_md1_mgmt	Frequency
0	667
1	403
2	1491
3	1394
4	953
5	431
6	211
7	178
8	14
9	80

sd_empst_skill_labour	Frequency
0	1167
1	921
2	1382
3	1167
4	604
5	310
6	169
7	68
8	24
9	10

sd_empst_unskill_labour	Frequency
0	968
1	980
2	1439
3	1109

4	772
5	331
6	122
7	66
8	9
9	26

sd_socialclassA	Frequency
0	1738
1	1569
2	1198
3	685
4	261
5	127
6	96
7	79
8	13
9	56

sd_socialclassB1	Frequency
0	1353
1	1480
2	1783
3	775
4	298
5	78
6	25
7	5
8	8
9	17

sd_socialclassB2	Frequency
0	990
1	861
2	1676
3	1175
4	652
5	357
6	96
7	6
8	7
9	2

sd_socialclassC	Frequency
0	364
1	272
2	870
3	1090
4	1159
5	1168
6	487
7	217
8	71
9	124

sd_socialclassD	Frequency
0	2607
1	1563
2	852

3	441
4	223
5	100
6	22
7	13
9	1

sd_rentedhouse	Frequency
0	949
1	428
2	717
3	593
4	517
5	519
6	382
7	425
8	532
9	760

sd_homeowners	Frequency
0	760
1	530
2	426
3	382
4	499
5	520
6	604
7	724
8	428
9	949

sd_car_1	Frequency
0	19
1	14
2	58
3	231
4	448
5	1210
6	1663
7	1413
8	261
9	505

sd_car_2	Frequency
0	1854
1	1468
2	1748
3	385
4	301
5	56
6	9
7	1

sd_car_0	Frequency
0	1450
1	776
2	1625
3	1066
4	587

5	174
6	89
7	25
8	13
9	17

sd_health_ins_national	Frequency
0	55
1	15
2	307
3	177
4	357
5	974
6	875
7	1511
8	699
9	852

sd_health_ins_private	Frequency
0	852
1	699
2	1511
3	849
4	992
5	364
6	178
7	307
8	15
9	55

sd_income_l_30k	Frequency
0	1304
1	630
2	1094
3	1079
4	599
5	568
6	293
7	156
8	48
9	51

sd_income_30k_45k	Frequency
0	465
1	268
2	919
3	1147
4	1356
5	931
6	406
7	205
8	35
9	90

sd_income_45k_75k	Frequency
0	891
1	657
2	1165
3	1215



4	1034
5	498
6	125
7	93
8	53
9	91

sd_income_75k_122k	Frequency
0	3246
1	1359
2	736
3	246
4	147
5	71
6	8
7	1
8	4
9	4

sd_income_g_123k	Frequency
0	4900
1	763
2	96
3	36
4	24
5	1
7	1
9	1

sd_income_avg	Frequency
0	25
1	49
2	651
3	1932
4	1854
5	733
6	355
7	131
8	70
9	22

sd_p_power_class	Frequency
1	587
2	425
3	1524
4	902
5	583
6	901
7	474
8	426

po_ins_pol_thirdparty_pvt	Frequency
0	3482
1	201
2	2128
3	11

po_ins_pol_thirdparty_firms	Frequency
0	5740

1	7
2	30
3	23
4	17
5	1
6	4

po_ins_pol_thirdparty_agri	Frequency
0	5702
2	3
3	57
4	60

po_ins_pol_car	Frequency
0	2845
4	1
5	613
6	2319
7	41
8	3

po_ins_pol_del_van	Frequency
0	5774
5	10
6	35
7	3

po_ins_pol_motorcycle_sc	Frequency
0	5600
3	3
4	136
5	32
6	49
7	2

po_ins_pol_lorry	Frequency
0	5813
4	1
6	7
9	1

po_ins_pol_trailer	Frequency
0	5757
1	19
2	38
3	6
4	1
5	1

po_ins_pol_tractor	Frequency
0	5679
3	79
4	27
5	28
6	9

po_ins_pol_agri_machines	Frequency
0	5801
2	4
3	6

4	8
6	3

po_ins_pol_moped	Frequency
0	5426
2	34
3	282
4	63
5	16
6	1

po_ins_pol_life	Frequency
0	5529
1	9
2	28
3	84
4	94
5	35
6	38
7	3
8	1
9	1

po_ins_pol_accident_ins_pvt	Frequency
0	5791
1	3
2	18
3	4
4	3
5	1
6	2

po_ins_pol_accident_ins_fam	Frequency
0	5784
2	25
3	13

po_ins_pol_disability	Frequency
0	5799
4	1
5	1
6	19
7	2

po_ins_pol_fire	Frequency
0	2666
1	161
2	535
3	920
4	1226
5	149
6	155
7	9
8	1

po_ins_pol_surfboard	Frequency
0	5819
1	2
3	1

--	--

po_ins_pol_boat	Frequency
0	5789
1	5
2	5
3	5
4	13
5	2
6	3

po_ins_pol_bicycle	Frequency
0	5675
1	147

po_ins_pol_property	Frequency
0	5777
1	18
2	16
3	6
4	3
5	1
6	1

po_ins_pol_social_security	Frequency
0	5740
2	15
3	22
4	44
5	1

po_no_ins_pol_thirdparty_pvt	Frequency
0	3482
1	2334
2	6

po_no_ins_pol_thirdparty_firms	Frequency
0	5740
1	81
5	1

po_no_ins_pol_thirdparty_agri	Frequency
0	5702
1	120

po_no_ins_pol_car	Frequency
0	2845
1	2712
2	246
3	12
4	5
6	1
7	1

po_no_ins_pol_del_van	Frequency
0	5774
1	40
2	4
3	3
4	1

po_no_ins_pol_motorcycle_sc	Frequency
0	5600

1	211
2	10
8	1

po_no_ins_pol_lorry	Frequency
0	5813
1	6
2	2
3	1

po_no_ins_pol_trailer	Frequency
0	5757
1	59
2	4
3	2

po_no_ins_pol_tractor	Frequency
0	5679
1	105
2	29
3	3
4	6

po_no_ins_pol_agri_machines	Frequency
0	5801
1	12
2	6
3	2
6	1

po_no_ins_pol_moped	Frequency
0	5426
1	382
2	14

po_no_ins_pol_life	Frequency
0	5529
1	173
2	100
3	11
4	8
8	1

po_no_ins_pol_accident_ins_pvt	Frequency
0	5791
1	31

po_no_ins_pol_accident_ins_fam	Frequency
0	5784
1	38

po_no_ins_pol_disability	Frequency
0	5799
1	19
2	4

po_no_ins_pol_fire	Frequency
0	2666
1	3017
2	126
3	7

4	3
5	2
7	1

po_no_ins_pol_surfboard	Frequency
0	5819
1	3

po_no_ins_pol_boat	Frequency
0	5789
1	31
2	2

po_no_ins_pol_bicycle	Frequency
0	5675
1	111
2	34
3	2

po_no_ins_pol_property	Frequency
0	5777
1	44
2	1

po_no_ins_pol_social_security	Frequency
0	5740
1	81
2	1

po_ins_pol_caravan	Frequency
0	5474
1	348

---

**The SAS System**

Number_of_re_ins_data
5822

---

**The SAS System**

Number_of_re_ins_data_d
5220