Of our 2.5M cohort, there were 207,762 (8.21%) ideations or attempts. There were 50,599 all cause deaths. 8682 deaths of dispaire (includes self harm) and 7456 intential self harm.

Died by Suicide

The people that died by self harm had almost 3 times (2.93: 2.72-3.17) the odds as having a documented attempt in the medical record (14.1 vs 5.3), when compared to those that died by other causes

They had over one and a half times (1.78: 1.67-1.88) the odds as having documented ideation (24.0 vs. 15.1) when compared to those that died by other causes.

They had two times (2.16: 2.04-2.28) the odds of any documened suicidality (29.7 vs. 16.4), when compared to those that died from other causes.

Overall Death

People that died (all cause mortality) had over two and a half (2.6: 2.5-2.6) the of odds any documened suicidality the medical record (18.3 vs 8.0), when compared to those that were alive after March6 2022.

| **SUICIDE\_VFD** | **Frequency** | **Percent** | **Cumulative Frequency** | **Cumulative Percent** |
| --- | --- | --- | --- | --- |
| **0** | 2323085 | 91.79 | 2323085 | 91.79 |
| **1** | 207762 | 8.21 | 2530847 | 100.00 |

| **SUICIDE\_ATTEMPT\_VFD** | **Frequency** | **Percent** | **Cumulative Frequency** | **Cumulative Percent** |
| --- | --- | --- | --- | --- |
| **0** | 2480577 | 98.01 | 2480577 | 98.01 |
| **1** | 50270 | 1.99 | 2530847 | 100.00 |

| **SUICIDE\_IDEATION\_VFD** | **Frequency** | **Percent** | **Cumulative Frequency** | **Cumulative Percent** |
| --- | --- | --- | --- | --- |
| **0** | 2339097 | 92.42 | 2339097 | 92.42 |
| **1** | 191750 | 7.58 | 2530847 | 100.00 |

| **DEAD THRU MARCH 6, 2022** | | | | |
| --- | --- | --- | --- | --- |
| **DEAD\_NDI9** | **Frequency** | **Percent** | **Cumulative Frequency** | **Cumulative Percent** |
| **0** | 2480248 | 98.00 | 2480248 | 98.00 |
| **1** | 50599 | 2.00 | 2530847 | 100.00 |

| **CAUSE OF DEATH-BROAD** | | | | |
| --- | --- | --- | --- | --- |
| **FINAL\_CAUSE\_OF\_DEATH** | **Frequency** | **Percent** | **Cumulative Frequency** | **Cumulative Percent** |
| **CANCER** | 6450 | 12.75 | 6450 | 12.75 |
| **CARDIOVASCULAR DISEASE** | 4645 | 9.18 | 11095 | 21.93 |
| **CHRONIC DISEASE** | 3124 | 6.17 | 14219 | 28.10 |
| **DEATHS OF DISPAIR** | 8682 | 17.16 | 22901 | 45.26 |
| **EXTERNAL CAUSES** | 12244 | 24.20 | 35145 | 69.46 |
| **INFECTION** | 565 | 1.12 | 35710 | 70.57 |
| **NERVOUS SYSTEM** | 1241 | 2.45 | 36951 | 73.03 |
| **UNKNOWN** | 13648 | 26.97 | 50599 | 100.00 |
| **Frequency Missing = 2480248** | | | | |

| **CAUSE OF DEATH-DETAIL** | | | | |
| --- | --- | --- | --- | --- |
| **FINAL\_CAUSE\_OF\_DEATH2** | **Frequency** | **Percent** | **Cumulative Frequency** | **Cumulative Percent** |
| **ACCIDENTAL** | 10302 | 20.36 | 10302 | 20.36 |
| **AUTOIMMUNE** | 153 | 0.30 | 10455 | 20.66 |
| **CANCER** | 6450 | 12.75 | 16905 | 33.41 |
| **CARDIOVASCULAR DISEASE** | 4645 | 9.18 | 21550 | 42.59 |
| **ENDOCRINE** | 461 | 0.91 | 22011 | 43.50 |
| **EPILEPSY** | 52 | 0.10 | 22063 | 43.60 |
| **GASTRO** | 325 | 0.64 | 22388 | 44.25 |
| **INFECTION** | 565 | 1.12 | 22953 | 45.36 |
| **INTENTIONAL SELF HAR** | 7456 | 14.74 | 30409 | 60.10 |
| **KIDNEY** | 158 | 0.31 | 30567 | 60.41 |
| **LIVER** | 490 | 0.97 | 31057 | 61.38 |
| **MENTAL ILLNESS** | 45 | 0.09 | 31102 | 61.47 |
| **NERVOUS SYSTEM** | 1241 | 2.45 | 32343 | 63.92 |
| **OTHER\_CHRONIC** | 974 | 1.92 | 33317 | 65.85 |
| **RESPIRATORY** | 511 | 1.01 | 33828 | 66.86 |
| **SUBSTANCE USE** | 1181 | 2.33 | 35009 | 69.19 |
| **UNKNOWN** | 13648 | 26.97 | 48657 | 96.16 |
| **VIOLENCE** | 1942 | 3.84 | 50599 | 100.00 |
| **Frequency Missing = 2480248** | | | | |

| **Table of DEATH\_SUICIDE by SUICIDE\_VFD** | | | |
| --- | --- | --- | --- |
| **DEATH\_SUICIDE** | **SUICIDE\_VFD** | | |
| **Frequency Percent Row Pct Col Pct** | **0** | **1** | **Total** |
| **0** | 36076 71.30 83.62 87.32 | 7067 13.97 16.38 76.14 | 43143 85.26 |
| **1** | 5241 10.36 70.29 12.68 | 2215 4.38 29.71 23.86 | 7456 14.74 |
| **Total** | 41317 81.66 | 9282 18.34 | 50599 100.00 |
| **Frequency Missing = 2480248** | | | |

|  |
| --- |
| ***Statistics for Table of DEATH\_SUICIDE by SUICIDE\_VFD*** |

| **Statistic** | **DF** | **Value** | **Prob** |
| --- | --- | --- | --- |
| **Chi-Square** | 1 | 753.8175 | <.0001 |
| **Likelihood Ratio Chi-Square** | 1 | 679.2723 | <.0001 |
| **Continuity Adj. Chi-Square** | 1 | 752.9281 | <.0001 |
| **Mantel-Haenszel Chi-Square** | 1 | 753.8026 | <.0001 |
| **Phi Coefficient** |  | 0.1221 |  |
| **Contingency Coefficient** |  | 0.1212 |  |
| **Cramer's V** |  | 0.1221 |  |

| **Fisher's Exact Test** | |
| --- | --- |
| **Cell (1,1) Frequency (F)** | 36076 |
| **Left-sided Pr <= F** | 1.0000 |
| **Right-sided Pr >= F** | <.0001 |
|  |  |
| **Table Probability (P)** | <.0001 |
| **Two-sided Pr <= P** | <.0001 |

| **Odds Ratio and Relative Risks** | | | |
| --- | --- | --- | --- |
| **Statistic** | **Value** | **95% Confidence Limits** | |
| **Odds Ratio** | 2.1575 | 2.0403 | 2.2813 |
| **Relative Risk (Column 1)** | 1.1896 | 1.1715 | 1.2080 |
| **Relative Risk (Column 2)** | 0.5514 | 0.5293 | 0.5744 |

|  |
| --- |
| ***Sample Size = 50599 Frequency Missing = 2480248*** |

|  |
| --- |
| ***WARNING: 98% of the data are missing.*** |

| **Table of DEATH\_SUICIDE by SUICIDE\_ATTEMPT\_VFD** | | | |
| --- | --- | --- | --- |
| **DEATH\_SUICIDE** | **SUICIDE\_ATTEMPT\_VFD** | | |
| **Frequency Percent Row Pct Col Pct** | **0** | **1** | **Total** |
| **0** | 40861 80.75 94.71 86.45 | 2282 4.51 5.29 68.49 | 43143 85.26 |
| **1** | 6406 12.66 85.92 13.55 | 1050 2.08 14.08 31.51 | 7456 14.74 |
| **Total** | 47267 93.41 | 3332 6.59 | 50599 100.00 |
| **Frequency Missing = 2480248** | | | |

|  |
| --- |
| ***Statistics for Table of DEATH\_SUICIDE by SUICIDE\_ATTEMPT\_VFD*** |

| **Statistic** | **DF** | **Value** | **Prob** |
| --- | --- | --- | --- |
| **Chi-Square** | 1 | 799.0835 | <.0001 |
| **Likelihood Ratio Chi-Square** | 1 | 650.0965 | <.0001 |
| **Continuity Adj. Chi-Square** | 1 | 797.6547 | <.0001 |
| **Mantel-Haenszel Chi-Square** | 1 | 799.0677 | <.0001 |
| **Phi Coefficient** |  | 0.1257 |  |
| **Contingency Coefficient** |  | 0.1247 |  |
| **Cramer's V** |  | 0.1257 |  |

| **Fisher's Exact Test** | |
| --- | --- |
| **Cell (1,1) Frequency (F)** | 40861 |
| **Left-sided Pr <= F** | 1.0000 |
| **Right-sided Pr >= F** | <.0001 |
|  |  |
| **Table Probability (P)** | <.0001 |
| **Two-sided Pr <= P** | <.0001 |

| **Odds Ratio and Relative Risks** | | | |
| --- | --- | --- | --- |
| **Statistic** | **Value** | **95% Confidence Limits** | |
| **Odds Ratio** | 2.9349 | 2.7155 | 3.1720 |
| **Relative Risk (Column 1)** | 1.1023 | 1.0920 | 1.1128 |
| **Relative Risk (Column 2)** | 0.3756 | 0.3506 | 0.4024 |

|  |
| --- |
| ***Sample Size = 50599 Frequency Missing = 2480248*** |

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| --- |
| ***WARNING: 98% of the data are missing.*** |

| **Table of DEATH\_SUICIDE by SUICIDE\_IDEATION\_VFD** | | | |
| --- | --- | --- | --- |
| **DEATH\_SUICIDE** | **SUICIDE\_IDEATION\_VFD** | | |
| **Frequency Percent Row Pct Col Pct** | **0** | **1** | **Total** |
| **0** | 36627 72.39 84.90 86.60 | 6516 12.88 15.10 78.46 | 43143 85.26 |
| **1** | 5667 11.20 76.01 13.40 | 1789 3.54 23.99 21.54 | 7456 14.74 |
| **Total** | 42294 83.59 | 8305 16.41 | 50599 100.00 |
| **Frequency Missing = 2480248** | | | |

|  |
| --- |
| ***Statistics for Table of DEATH\_SUICIDE by SUICIDE\_IDEATION\_VFD*** |

| **Statistic** | **DF** | **Value** | **Prob** |
| --- | --- | --- | --- |
| **Chi-Square** | 1 | 366.2900 | <.0001 |
| **Likelihood Ratio Chi-Square** | 1 | 336.2351 | <.0001 |
| **Continuity Adj. Chi-Square** | 1 | 365.6423 | <.0001 |
| **Mantel-Haenszel Chi-Square** | 1 | 366.2828 | <.0001 |
| **Phi Coefficient** |  | 0.0851 |  |
| **Contingency Coefficient** |  | 0.0848 |  |
| **Cramer's V** |  | 0.0851 |  |

| **Fisher's Exact Test** | |
| --- | --- |
| **Cell (1,1) Frequency (F)** | 36627 |
| **Left-sided Pr <= F** | 1.0000 |
| **Right-sided Pr >= F** | <.0001 |
|  |  |
| **Table Probability (P)** | <.0001 |
| **Two-sided Pr <= P** | <.0001 |

| **Odds Ratio and Relative Risks** | | | |
| --- | --- | --- | --- |
| **Statistic** | **Value** | **95% Confidence Limits** | |
| **Odds Ratio** | 1.7745 | 1.6723 | 1.8830 |
| **Relative Risk (Column 1)** | 1.1170 | 1.1022 | 1.1320 |
| **Relative Risk (Column 2)** | 0.6295 | 0.6011 | 0.6592 |

|  |
| --- |
| ***Sample Size = 50599 Frequency Missing = 2480248*** |

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| --- |
| ***WARNING: 98% of the data are missing.*** |

| **Table of DEATH\_DISPAIR by SUICIDE\_VFD** | | | |
| --- | --- | --- | --- |
| **DEATH\_DISPAIR** | **SUICIDE\_VFD** | | |
| **Frequency Percent Row Pct Col Pct** | **0** | **1** | **Total** |
| **0** | 35180 69.53 83.93 85.15 | 6737 13.31 16.07 72.58 | 41917 82.84 |
| **1** | 6137 12.13 70.69 14.85 | 2545 5.03 29.31 27.42 | 8682 17.16 |
| **Total** | 41317 81.66 | 9282 18.34 | 50599 100.00 |
| **Frequency Missing = 2480248** | | | |

|  |
| --- |
| ***Statistics for Table of DEATH\_DISPAIR by SUICIDE\_VFD*** |

| **Statistic** | **DF** | **Value** | **Prob** |
| --- | --- | --- | --- |
| **Chi-Square** | 1 | 841.8637 | <.0001 |
| **Likelihood Ratio Chi-Square** | 1 | 764.6333 | <.0001 |
| **Continuity Adj. Chi-Square** | 1 | 840.9799 | <.0001 |
| **Mantel-Haenszel Chi-Square** | 1 | 841.8471 | <.0001 |
| **Phi Coefficient** |  | 0.1290 |  |
| **Contingency Coefficient** |  | 0.1279 |  |
| **Cramer's V** |  | 0.1290 |  |

| **Fisher's Exact Test** | |
| --- | --- |
| **Cell (1,1) Frequency (F)** | 35180 |
| **Left-sided Pr <= F** | 1.0000 |
| **Right-sided Pr >= F** | <.0001 |
|  |  |
| **Table Probability (P)** | <.0001 |
| **Two-sided Pr <= P** | <.0001 |

| **Odds Ratio and Relative Risks** | | | |
| --- | --- | --- | --- |
| **Statistic** | **Value** | **95% Confidence Limits** | |
| **Odds Ratio** | 2.1655 | 2.0536 | 2.2835 |
| **Relative Risk (Column 1)** | 1.1873 | 1.1706 | 1.2043 |
| **Relative Risk (Column 2)** | 0.5483 | 0.5272 | 0.5703 |

|  |
| --- |
| ***Sample Size = 50599 Frequency Missing = 2480248*** |

|  |
| --- |
| ***WARNING: 98% of the data are missing.*** |

| **Table of DEATH\_DISPAIR by SUICIDE\_ATTEMPT\_VFD** | | | |
| --- | --- | --- | --- |
| **DEATH\_DISPAIR** | **SUICIDE\_ATTEMPT\_VFD** | | |
| **Frequency Percent Row Pct Col Pct** | **0** | **1** | **Total** |
| **0** | 39717 78.49 94.75 84.03 | 2200 4.35 5.25 66.03 | 41917 82.84 |
| **1** | 7550 14.92 86.96 15.97 | 1132 2.24 13.04 33.97 | 8682 17.16 |
| **Total** | 47267 93.41 | 3332 6.59 | 50599 100.00 |
| **Frequency Missing = 2480248** | | | |

|  |
| --- |
| ***Statistics for Table of DEATH\_DISPAIR by SUICIDE\_ATTEMPT\_VFD*** |

| **Statistic** | **DF** | **Value** | **Prob** |
| --- | --- | --- | --- |
| **Chi-Square** | 1 | 709.5192 | <.0001 |
| **Likelihood Ratio Chi-Square** | 1 | 595.8809 | <.0001 |
| **Continuity Adj. Chi-Square** | 1 | 708.2534 | <.0001 |
| **Mantel-Haenszel Chi-Square** | 1 | 709.5052 | <.0001 |
| **Phi Coefficient** |  | 0.1184 |  |
| **Contingency Coefficient** |  | 0.1176 |  |
| **Cramer's V** |  | 0.1184 |  |

| **Fisher's Exact Test** | |
| --- | --- |
| **Cell (1,1) Frequency (F)** | 39717 |
| **Left-sided Pr <= F** | 1.0000 |
| **Right-sided Pr >= F** | <.0001 |
|  |  |
| **Table Probability (P)** | <.0001 |
| **Two-sided Pr <= P** | <.0001 |

| **Odds Ratio and Relative Risks** | | | |
| --- | --- | --- | --- |
| **Statistic** | **Value** | **95% Confidence Limits** | |
| **Odds Ratio** | 2.7068 | 2.5092 | 2.9199 |
| **Relative Risk (Column 1)** | 1.0896 | 1.0804 | 1.0988 |
| **Relative Risk (Column 2)** | 0.4025 | 0.3761 | 0.4308 |

|  |
| --- |
| ***Sample Size = 50599 Frequency Missing = 2480248*** |

|  |
| --- |
| ***WARNING: 98% of the data are missing.*** |

| **Table of DEATH\_DISPAIR by SUICIDE\_IDEATION\_VFD** | | | |
| --- | --- | --- | --- |
| **DEATH\_DISPAIR** | **SUICIDE\_IDEATION\_VFD** | | |
| **Frequency Percent Row Pct Col Pct** | **0** | **1** | **Total** |
| **0** | 35712 70.58 85.20 84.44 | 6205 12.26 14.80 74.71 | 41917 82.84 |
| **1** | 6582 13.01 75.81 15.56 | 2100 4.15 24.19 25.29 | 8682 17.16 |
| **Total** | 42294 83.59 | 8305 16.41 | 50599 100.00 |
| **Frequency Missing = 2480248** | | | |

|  |
| --- |
| ***Statistics for Table of DEATH\_DISPAIR by SUICIDE\_IDEATION\_VFD*** |

| **Statistic** | **DF** | **Value** | **Prob** |
| --- | --- | --- | --- |
| **Chi-Square** | 1 | 461.7362 | <.0001 |
| **Likelihood Ratio Chi-Square** | 1 | 424.8549 | <.0001 |
| **Continuity Adj. Chi-Square** | 1 | 461.0524 | <.0001 |
| **Mantel-Haenszel Chi-Square** | 1 | 461.7271 | <.0001 |
| **Phi Coefficient** |  | 0.0955 |  |
| **Contingency Coefficient** |  | 0.0951 |  |
| **Cramer's V** |  | 0.0955 |  |

| **Fisher's Exact Test** | |
| --- | --- |
| **Cell (1,1) Frequency (F)** | 35712 |
| **Left-sided Pr <= F** | 1.0000 |
| **Right-sided Pr >= F** | <.0001 |
|  |  |
| **Table Probability (P)** | <.0001 |
| **Two-sided Pr <= P** | <.0001 |

| **Odds Ratio and Relative Risks** | | | |
| --- | --- | --- | --- |
| **Statistic** | **Value** | **95% Confidence Limits** | |
| **Odds Ratio** | 1.8363 | 1.7362 | 1.9421 |
| **Relative Risk (Column 1)** | 1.1238 | 1.1098 | 1.1380 |
| **Relative Risk (Column 2)** | 0.6120 | 0.5858 | 0.6394 |

|  |
| --- |
| ***Sample Size = 50599 Frequency Missing = 2480248*** |

|  |
| --- |
| ***WARNING: 98% of the data are missing.*** |

| **Table of DEAD\_NDI9 by SUICIDE\_VFD** | | | |
| --- | --- | --- | --- |
| **DEAD\_NDI9(DEAD THRU MARCH 6, 2022)** | **SUICIDE\_VFD** | | |
| **Frequency Percent Row Pct Col Pct** | **0** | **1** | **Total** |
| **0** | 2281768 90.16 92.00 98.22 | 198480 7.84 8.00 95.53 | 2480248 98.00 |
| **1** | 41317 1.63 81.66 1.78 | 9282 0.37 18.34 4.47 | 50599 2.00 |
| **Total** | 2323085 91.79 | 207762 8.21 | 2530847 100.00 |

|  |
| --- |
| ***Statistics for Table of DEAD\_NDI9 by SUICIDE\_VFD*** |

| **Statistic** | **DF** | **Value** | **Prob** |
| --- | --- | --- | --- |
| **Chi-Square** | 1 | 7038.2529 | <.0001 |
| **Likelihood Ratio Chi-Square** | 1 | 5400.2389 | <.0001 |
| **Continuity Adj. Chi-Square** | 1 | 7036.8805 | <.0001 |
| **Mantel-Haenszel Chi-Square** | 1 | 7038.2501 | <.0001 |
| **Phi Coefficient** |  | 0.0527 |  |
| **Contingency Coefficient** |  | 0.0527 |  |
| **Cramer's V** |  | 0.0527 |  |

| **Fisher's Exact Test** | |
| --- | --- |
| **Cell (1,1) Frequency (F)** | 2281768 |
| **Left-sided Pr <= F** | 1.0000 |
| **Right-sided Pr >= F** | <.0001 |
|  |  |
| **Table Probability (P)** | <.0001 |
| **Two-sided Pr <= P** | <.0001 |

| **Odds Ratio and Relative Risks** | | | |
| --- | --- | --- | --- |
| **Statistic** | **Value** | **95% Confidence Limits** | |
| **Odds Ratio** | 2.5827 | 2.5240 | 2.6427 |
| **Relative Risk (Column 1)** | 1.1267 | 1.1220 | 1.1313 |
| **Relative Risk (Column 2)** | 0.4362 | 0.4281 | 0.4445 |

|  |
| --- |
| ***Sample Size = 2530847*** |

| **Table of DEAD\_NDI9 by SUICIDE\_ATTEMPT\_VFD** | | | |
| --- | --- | --- | --- |
| **DEAD\_NDI9(DEAD THRU MARCH 6, 2022)** | **SUICIDE\_ATTEMPT\_VFD** | | |
| **Frequency Percent Row Pct Col Pct** | **0** | **1** | **Total** |
| **0** | 2433310 96.15 98.11 98.09 | 46938 1.85 1.89 93.37 | 2480248 98.00 |
| **1** | 47267 1.87 93.41 1.91 | 3332 0.13 6.59 6.63 | 50599 2.00 |
| **Total** | 2480577 98.01 | 50270 1.99 | 2530847 100.00 |

|  |
| --- |
| ***Statistics for Table of DEAD\_NDI9 by SUICIDE\_ATTEMPT\_VFD*** |

| **Statistic** | **DF** | **Value** | **Prob** |
| --- | --- | --- | --- |
| **Chi-Square** | 1 | 5608.8717 | <.0001 |
| **Likelihood Ratio Chi-Square** | 1 | 3558.0090 | <.0001 |
| **Continuity Adj. Chi-Square** | 1 | 5606.4615 | <.0001 |
| **Mantel-Haenszel Chi-Square** | 1 | 5608.8695 | <.0001 |
| **Phi Coefficient** |  | 0.0471 |  |
| **Contingency Coefficient** |  | 0.0470 |  |
| **Cramer's V** |  | 0.0471 |  |

| **Fisher's Exact Test** | |
| --- | --- |
| **Cell (1,1) Frequency (F)** | 2433310 |
| **Left-sided Pr <= F** | 1.0000 |
| **Right-sided Pr >= F** | <.0001 |
|  |  |
| **Table Probability (P)** | <.0001 |
| **Two-sided Pr <= P** | <.0001 |

| **Odds Ratio and Relative Risks** | | | |
| --- | --- | --- | --- |
| **Statistic** | **Value** | **95% Confidence Limits** | |
| **Odds Ratio** | 3.6544 | 3.5242 | 3.7895 |
| **Relative Risk (Column 1)** | 1.0502 | 1.0478 | 1.0527 |
| **Relative Risk (Column 2)** | 0.2874 | 0.2778 | 0.2973 |

|  |
| --- |
| ***Sample Size = 2530847*** |

| **Table of DEAD\_NDI9 by SUICIDE\_IDEATION\_VFD** | | | |
| --- | --- | --- | --- |
| **DEAD\_NDI9(DEAD THRU MARCH 6, 2022)** | **SUICIDE\_IDEATION\_VFD** | | |
| **Frequency Percent Row Pct Col Pct** | **0** | **1** | **Total** |
| **0** | 2296803 90.75 92.60 98.19 | 183445 7.25 7.40 95.67 | 2480248 98.00 |
| **1** | 42294 1.67 83.59 1.81 | 8305 0.33 16.41 4.33 | 50599 2.00 |
| **Total** | 2339097 92.42 | 191750 7.58 | 2530847 100.00 |

|  |
| --- |
| ***Statistics for Table of DEAD\_NDI9 by SUICIDE\_IDEATION\_VFD*** |

| **Statistic** | **DF** | **Value** | **Prob** |
| --- | --- | --- | --- |
| **Chi-Square** | 1 | 5757.7944 | <.0001 |
| **Likelihood Ratio Chi-Square** | 1 | 4455.3210 | <.0001 |
| **Continuity Adj. Chi-Square** | 1 | 5756.5067 | <.0001 |
| **Mantel-Haenszel Chi-Square** | 1 | 5757.7921 | <.0001 |
| **Phi Coefficient** |  | 0.0477 |  |
| **Contingency Coefficient** |  | 0.0476 |  |
| **Cramer's V** |  | 0.0477 |  |

| **Fisher's Exact Test** | |
| --- | --- |
| **Cell (1,1) Frequency (F)** | 2296803 |
| **Left-sided Pr <= F** | 1.0000 |
| **Right-sided Pr >= F** | <.0001 |
|  |  |
| **Table Probability (P)** | <.0001 |
| **Two-sided Pr <= P** | <.0001 |

| **Odds Ratio and Relative Risks** | | | |
| --- | --- | --- | --- |
| **Statistic** | **Value** | **95% Confidence Limits** | |
| **Odds Ratio** | 2.4585 | 2.4002 | 2.5183 |
| **Relative Risk (Column 1)** | 1.1079 | 1.1036 | 1.1122 |
| **Relative Risk (Column 2)** | 0.4506 | 0.4416 | 0.4598 |

|  |
| --- |
| ***Sample Size = 2530847*** |