| **Characteristic** | **Q1**, N = 8011 | **Q2**, N = 1,5961 | **Q3**, N = 2,5711 | **Q4**, N = 3,5651 | **p-value**2 |
| --- | --- | --- | --- | --- | --- |
| GENDER | 460.00(57.43%) | 807.00(50.56%) | 1,339.00(52.08%) | 1,864.00(52.29%) | 0.015 |
| age | 76 ±12 | 76 ±12 | 76 ±12 | 73 ±13 | <0.001 |
| liv\_time | 898 ±992 | 853 ±940 | 751 ±874 | 668 ±824 | <0.001 |
| EXPIRE\_FLAG | 526.00(65.67%) | 1,071.00(67.11%) | 1,842.00(71.65%) | 2,733.00(76.66%) | <0.001 |
| ALB | 3.29 ±0.60 | 3.23 ±0.58 | 3.19 ±0.62 | 3.05 ±0.62 | <0.001 |
| Unknown | 245 | 535 | 832 | 905 |  |
| RDW | 13.10 ±0.49 | 14.01 ±0.51 | 15.16 ±0.69 | 17.94 ±2.00 | <0.001 |
| Pho | 3.66 ±1.03 | 3.75 ±1.23 | 3.97 ±1.33 | 4.24 ±1.53 | <0.001 |
| Mg | 1.95 ±0.77 | 1.97 ±0.40 | 2.03 ±0.42 | 2.07 ±0.43 | <0.001 |
| Ca | 8.66 ±0.83 | 8.67 ±0.86 | 8.65 ±0.88 | 8.60 ±0.90 | <0.001 |
| WBC | 11.8 ±5.5 | 11.9 ±6.4 | 11.8 ±8.9 | 12.3 ±15.8 | <0.001 |
| RBC | 3.95 ±0.66 | 3.89 ±0.67 | 3.77 ±0.67 | 3.58 ±0.79 | <0.001 |
| PTT | 40 ±28 | 38 ±26 | 36 ±23 | 37 ±21 | <0.001 |
| PT | 15 ±6 | 16 ±9 | 17 ±10 | 20 ±14 | <0.001 |
| Pla | 235 ±96 | 243 ±111 | 247 ±118 | 254 ±148 | 0.4 |
| MCV | 91 ±5 | 91 ±6 | 91 ±6 | 91 ±9 | 0.2 |
| MCHC | 3.47 ±0.10 | 3.39 ±0.11 | 3.32 ±0.12 | 3.20 ±0.16 | <0.001 |
| MCH | 31.38 ±1.68 | 30.80 ±1.97 | 30.07 ±2.23 | 29.01 ±3.40 | <0.001 |
| INR | 1.59 ±2.64 | 1.70 ±2.37 | 1.83 ±2.09 | 2.12 ±2.66 | <0.001 |
| Hg | 12.37 ±1.99 | 11.94 ±1.97 | 11.29 ±1.90 | 10.27 ±2.00 | <0.001 |
| HCT | 36 ±6 | 35 ±6 | 34 ±6 | 32 ±6 | <0.001 |
| BUN | 29 ±18 | 32 ±21 | 40 ±26 | 45 ±29 | <0.001 |
| Na | 137.0 ±5.2 | 137.8 ±5.1 | 138.1 ±5.4 | 138.0 ±5.6 | <0.001 |
| K | 4.32 ±0.76 | 4.38 ±0.83 | 4.53 ±0.92 | 4.63 ±1.02 | <0.001 |
| Glu | 165 ±87 | 164 ±91 | 159 ±90 | 146 ±76 | <0.001 |
| SCR | 1.33 ±0.97 | 1.55 ±1.27 | 1.91 ±1.68 | 2.43 ±2.05 | <0.001 |
| Cl | 101 ±6 | 101 ±6 | 101 ±7 | 101 ±7 | <0.001 |
| HCO3 | 24.8 ±4.4 | 25.0 ±5.2 | 25.3 ±5.8 | 25.3 ±6.0 | 0.074 |
| AG | 15.6 ±3.4 | 15.8 ±3.9 | 16.0 ±4.2 | 16.4 ±4.4 | <0.001 |
| CAD | 691.00(86.27%) | 1,379.00(86.40%) | 2,207.00(85.84%) | 2,983.00(83.67%) | 0.020 |
| CKD | 263.00(32.83%) | 683.00(42.79%) | 1,441.00(56.05%) | 2,393.00(67.12%) | <0.001 |
| CRD | 409.00(51.06%) | 916.00(57.39%) | 1,517.00(59.00%) | 2,193.00(61.51%) | <0.001 |
| DIABETES | 254.00(31.71%) | 524.00(32.83%) | 1,014.00(39.44%) | 1,539.00(43.17%) | <0.001 |
| HYPERTENSION | 443.00(55.31%) | 925.00(57.96%) | 1,575.00(61.26%) | 2,153.00(60.39%) | 0.008 |
| RMR | 3.78 ±0.13 | 4.13 ±0.10 | 4.57 ±0.16 | 5.62 ±0.68 | <0.001 |
| RMRQ.median |  |  |  |  | <0.001 |
| 3.76 | 801.00(100.00%) | 0.00(0.00%) | 0.00(0.00%) | 0.00(0.00%) |  |
| 4.11 | 0.00(0.00%) | 1,596.00(100.00%) | 0.00(0.00%) | 0.00(0.00%) |  |
| 4.55 | 0.00(0.00%) | 0.00(0.00%) | 2,571.00(100.00%) | 0.00(0.00%) |  |
| 5.38 | 0.00(0.00%) | 0.00(0.00%) | 0.00(0.00%) | 3,565.00(100.00%) |  |
| age60 |  |  |  |  | <0.001 |
| 0 | 75.00(9.36%) | 161.00(10.09%) | 228.00(8.87%) | 556.00(15.60%) |  |
| 1 | 726.00(90.64%) | 1,435.00(89.91%) | 2,343.00(91.13%) | 3,009.00(84.40%) |  |
| 1n(%); Mean ±SD | | | | | |
| 2Pearson's Chi-squared test; Kruskal-Wallis rank sum test | | | | | |