## S4 Table. Descriptive statistics by ED diagnosis.

| ED triage category | N | Age, mean | Emergent transport,percent | NEWS value,mean | Critical care,percent | Admitted, percent | 2-day mortality,percent |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Chest pain | 5054 | 67.3(66.9-67.8) | 11.6(10.7-12.4) | 2.34(2.26-2.41) | 3.4(2.9-3.9) | 40.1(38.8-41.4) | 0.7(0.5-0.9) |
| Difficulty Breathing | 4351 | 74.8(74.4-75.3) | 19.5(18.3-20.7) | 6.89(6.77-6.99) | 10.9(10.0-11.9) | 71.8(70.4-73.1) | 2.4(2.0-2.9) |
| Abdominal pain | 3716 | 57.0(56.4-57.8) | 7.3(6.4-8.1) | 2.24(2.16-2.33) | 3.4(2.8-4.0) | 42.1(40.4-43.7) | 0.9(0.6-1.2) |
| General weakness | 2431 | 77.0(76.5-77.5) | 6.1(5.2-7.0) | 3.82(3.68-3.96) | 10.0(8.8-11.3) | 70.7(68.9-72.5) | 1.9(1.4-2.4) |
| Neurological difficulty | 2321 | 72.4(71.8-73.0) | 38.0(36.1-39.9) | 2.45(2.33-2.55) | 5.9(4.9-6.9) | 73.9(72.0-75.6) | 1.5(1.0-1.9) |
| Hip injury | 1736 | 81.0(80.5-81.6) | 1.0(0.6-1.5) | 2.03(1.93-2.14) | 5.0(4.0-6.0) | 79.8(77.9-81.7) | 0.7(0.3-1.1) |
| Fever | 1571 | 74.3(73.5-75.0) | 20.8(18.9-22.9) | 7.47(7.26-7.66) | 10.3(8.8-11.9) | 86.4(84.7-88.1) | 2.0(1.4-2.7) |
| Dizziness | 1552 | 67.9(67.0-68.9) | 1.1(0.6-1.7) | 1.54(1.45-1.63) | 0.8(0.4-1.4) | 38.9(36.5-41.4) | 0.3(0.1-0.5) |
| Fainting | 1402 | 66.4(65.3-67.4) | 6.3(5.2-7.6) | 2.64(2.50-2.79) | 2.4(1.6-3.4) | 40.2(37.7-42.7) | 0.5(0.1-0.9) |
| Poisoning | 1225 | 39.0(38.0-40.0) | 24.3(21.9-26.8) | 3.86(3.69-4.05) | 11.9(10.2-13.8) | 51.5(48.7-54.2) | 0.2(0.0-0.4) |
| Cramping | 1147 | 49.4(48.2-50.7) | 21.5(19.2-23.8) | 4.44(4.25-4.64) | 5.5(4.2-6.9) | 43.8(40.8-46.5) | 0.4(0.1-0.9) |
| Head injury | 1128 | 68.6(67.4-69.8) | 6.4(5.0-7.9) | 2.06(1.94-2.20) | 3.4(2.2-4.3) | 22.8(20.4-25.2) | 0.4(0.1-0.7) |
| Arrythmia | 916 | 69.2(68.1-70.2) | 13.3(11.1-15.6) | 3.34(3.17-3.52) | 2.6(1.6-3.7) | 46.3(43.1-49.7) | 0.5(0.1-1.1) |
| Back pain | 721 | 58.5(57.0-60.1) | 0.8(0.3-1.7) | 1.36(1.24-1.49) | 1.1(0.4-2.1) | 31.3(27.7-34.7) | 0.0(0.0-0.0) |
| Major trauma | 681 | 55.0(53.4-56.7) | 25.8(22.6-29.2) | 2.35(2.15-2.52) | 4.8(3.2-6.6) | 28.9(25.4-32.2) | 0.9(0.3-1.6) |
| Reduced consciousness | 567 | 70.3(68.6-71.9) | 60.3(55.9-64.7) | 7.64(7.32-7.98) | 25.0(21.2-28.7) | 73.2(69.7-76.7) | 10.2(7.8-12.9) |
| Abdominal bleed | 509 | 72.8(71.3-74.2) | 18.9(15.7-22.2) | 3.41(3.11-3.69) | 7.7(5.5-10.0) | 74.7(70.9-78.6) | 2.2(1.0-3.5) |
| Minor trauma | 470 | 64.3(62.1-66.6) | 4.9(3.2-7.0) | 1.65(1.49-1.81) | 0.6(0.0-1.5) | 14.5(11.1-17.7) | 0.0(0.0-0.0) |
| Headache | 461 | 51.9(50.2-53.7) | 8.7(6.1-11.5) | 1.60(1.43-1.79) | 2.2(0.9-3.7) | 24.1(20.4-28.2) | 0.9(0.2-2.0) |
| Allergic Reaction | 429 | 45.3(43.4-47.1) | 19.3(15.6-23.1) | 2.55(2.28-2.80) | 3.5(1.9-5.4) | 10.0(7.2-13.0) | 0.0(0.0-0.0) |
| Shoulder injury | 404 | 59.6(57.5-61.9) | 1.5(0.5-2.7) | 1.57(1.40-1.76) | 1.2(0.2-2.5) | 24.5(20.3-28.5) | 0.0(0.0-0.0) |
| Foot/ankle injury | 331 | 52.2(50.0-54.4) | 4.5(2.4-6.9) | 1.44(1.27-1.62) | 0.6(0.0-1.5) | 44.4(39.3-49.8) | 0.0(0.0-0.0) |
| Swelling/pain in extremity | 322 | 72.1(70.1-73.9) | 5.0(2.8-7.5) | 2.29(2.03-2.57) | 3.1(1.2-5.3) | 50.9(45.3-56.5) | 0.9(0.0-2.2) |
| No ED Triage | 308 | 35.2(33.6-37.0) | 9.7(6.5-13.0) | 1.76(1.56-1.98) | 0.0(0.0-0.0) | 40.3(34.7-45.8) | 0.0(0.0-0.0) |