

**Additional File 2: Sensitivity analysis to explore impact of thresholds on estimated tasking numbers/24 hrs**

<p><b>All statistically significant codes. No thresholds = 340 incidents/24hrs</b></p> <p><b>43 codes</b></p> <p>06D02, 07C03, 09D01, 09E01, 09E02, 10D01, 10D02, 10D04, 11E01F, 12D01, 12D02E, 17A01G, 17A02G, 17B00G, 17B01G, 17D02, 17D02P, 17D03, 17D03G, 17D04E, 17D04G, 17D04P, 17D06, 17D06P, 29B01, 29D02l, 29D02m, 29D02n, 29D03V, 29D05, 29D05V, 29D06, 29D06V, 29D07, 29D07V, 29D08, 29D08V, 30A01, 30B01,30B02, 30D03, 31D01, 35D03A</p>
<p><b>&gt;10% EEAST jobs. No HEMS thresholds = 29 incidents/24hr</b></p> <p><b>18 codes</b></p> <p>07C03, 09D01, 09E01, 12D01, 17D02, 17D02P, 17D06, 17D06P, 29D02m, 29D02n, 29D05, 29D05V, 29D06, 29D06V, 29D07, 29D07V, 29D08, 29D08V</p>
<p><b>&gt;10% EEAST jobs. 60% HEMS patient contact OR 60% HLIDD = 25 incidents/24 hrs</b></p> <p>16 codes</p> <p>07C03, 09D01, 09E01, 12D01, 17D02, 17D02P, 17D06, 17D06P, 29D02n, 29D05, 29D05V, 29D06, 29D06V, 29D07, 29D07V, 29D08V</p>
<p><b>&gt;10% EEAST jobs. 70% HEMS patient contact OR 70% HLIDD = 17 incidents/24 hrs</b></p> <p>9 codes</p> <p>07C03, 09E01, 12D01, 17D02P, 17D06, 17D06P, 29D06, 29D06V, 29D07V,</p>
<p><b>&gt;10% EEAST jobs. 80% HEMS patient contact OR 80% HLIDD = 0.4 incidents/24 hrs</b></p> <p>2 codes</p> <p>12D01, 29D07V</p>
<p><b>&gt;10% EEAST jobs. 90% HEMS patient contact OR 90% HLIDD = 0 incidents/24 hrs</b></p> <p><b>0 codes</b></p>