$$x=\frac{n!}{k!\left(n-k\right)!}$$

$$Odds of 3 people causing fatalities=\frac{\left(\# of ways to pick 3 fatal drivers\right)\left(\# of ways to pick 172 non-fatal drivers\right)}{\left(\#of ways to pick 175 drivers from all drivers\right)}$$

$$x\_{fatal}=\frac{124,667!}{3!\*\left(124,667-3\right)!}$$

$$x\_{fatal}=3.2292\*10^{14}=32,292,000,000,000$$

$$x\_{nonfatal}=\frac{219,875,333!}{172!\*\left(219,875,333-172\right)!}$$

$$x\_{nonfatal}=Excel screaming for mercy$$

$$x=\frac{n!}{k!\left(n-k\right)!}=C\left(n,k\right)$$

$$Odds of 3 people causing fatalities=\frac{C\left(n\_{fatal};k\_{fatal}\right)\*C\left(n\_{nonfatal};k\_{nonfatal}\right)}{C\left(n\_{total};k\_{total}\right)}$$

$$Odds of 3 people causing fatalities=\frac{C\left(124,667;3\right)\*C\left(219,875,333;172\right)}{C\left(220,000,000;175\right)}$$

$$Odds of 3 people causing fatalities≈\frac{C\left(124,667;3\right)\*\left(\frac{220,000,000^{172}}{172!}\right)}{\left(\frac{220,000,000^{175}}{175!}\right)}$$

$$Odds of 3 people causing fatalities≈\frac{C\left(124,667;3\right)}{220,000,000^{3}\*175\*174\*173}$$