Finally, we calculate a 95% confidence interval for this estimate by finding the 0.025 and 0.975 quantiles of the 10000 iterations.

```
# All years combined
round(quantile(apply(res.array,1,sum),probs=c(.025,.975)),-5)
```

```
##    2.5%   97.5%
##  600000 1600000
```

```
# By year
apply(res.array,2,quantile,probs=c(.025,.975)) %>% round(-3)
```

```
##        2008    2010  2012   2013  2014   2015  2016
## 2.5%   9000  217000 13000 110000     0  47000 15000
## 97.5% 34000 1178000 47000 298000 12000 229000 55000
```