**"Out of total persons involved, percentage of deaths in accident is 33 %"**

**out of the number of person involved in the crash classify different types**

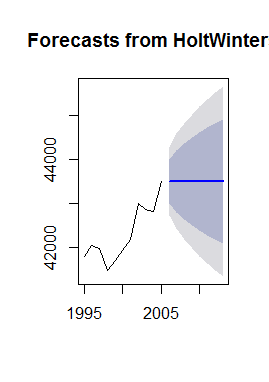
|  |  |  |
| --- | --- | --- |
| Person type | Count | Percentage |
| Driver of a Motor Vehicle In-Transport | 572850 | 56.39903 |
| Passenger of a Motor Vehicle In-Transport | 373673 | 36.78938 |
| Pedestrian | 55121 | 5.42685 |
| Bicyclist | 7657 | 0.753858 |
| Occupant of a Motor Vehicle Not In-Transport | 2619 | 0.257849 |
| Unknown Occupant Type in a Motor Vehicle In-Transport | 1990 | 0.195922 |
| Other Pedestrian | 1135 | 0.111745 |
| Occupant of a Non-Motor Vehicle Transport Device | 600 | 0.059072 |
| Other Cyclist | 37 | 0.003643 |
| Unknown | 17 | 0.001674 |
| Unknown | 10 | 0.000985 |

**Total accidents forecast for next 8 years.**

Original data- 1996-2005. Below are forecasted numbers

The forecasted fatalaties for 2006 is about 43499 fatalaties, with a 95% prediction interval of (42739, 44260.62).

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Forecat year | Forecast | Lo 80 | Hi 80 | Lo 95 | Hi 95 |
| 2006 | 43499.95 | 43002.57 | 43997.32 | 42739.27 | 44260.62 |
| 2007 | 43499.95 | 42796.58 | 44203.32 | 42424.23 | 44575.66 |
| 2008 | 43499.95 | 42638.51 | 44361.39 | 42182.49 | 44817.4 |
| 2009 | 43499.95 | 42505.25 | 44494.64 | 41978.69 | 45021.21 |
| 2010 | 43499.95 | 42387.85 | 44612.05 | 41799.13 | 45200.76 |
| 2011 | 43499.95 | 42281.7 | 44718.19 | 41636.8 | 45363.09 |
| 2012 | 43499.95 | 42184.1 | 44815.8 | 41487.53 | 45512.37 |
| 2013 | 43499.95 | 42093.25 | 44906.65 | 41348.58 | 45651.31 |



**Monthly accidents forecasts taking into account seasonality**

the forecasted fatalaties for Jan 2006 is about 3595 fatalaties, with a 95% prediction interval of (3011.235, 4176.960).

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Forecat Month | Forecast | Lo 80 | Hi 80 | Lo 95 | Hi 95 |
| Jan-06 | 3594.097 | 3212.984 | 3975.211 | 3011.235 | 4176.96 |
| Feb-06 | 3594.097 | 3074.588 | 4113.607 | 2799.576 | 4388.619 |
| Mar-06 | 3594.097 | 2965.978 | 4222.216 | 2633.472 | 4554.722 |
| Apr-06 | 3594.097 | 2873.558 | 4314.636 | 2492.128 | 4696.067 |
| May-06 | 3594.097 | 2791.714 | 4396.481 | 2366.957 | 4821.237 |
| Jun-06 | 3594.097 | 2717.477 | 4470.717 | 2253.423 | 4934.772 |
| Jul-06 | 3594.097 | 2649.055 | 4539.14 | 2148.779 | 5039.416 |
| Aug-06 | 3594.097 | 2585.262 | 4602.933 | 2051.217 | 5136.978 |

