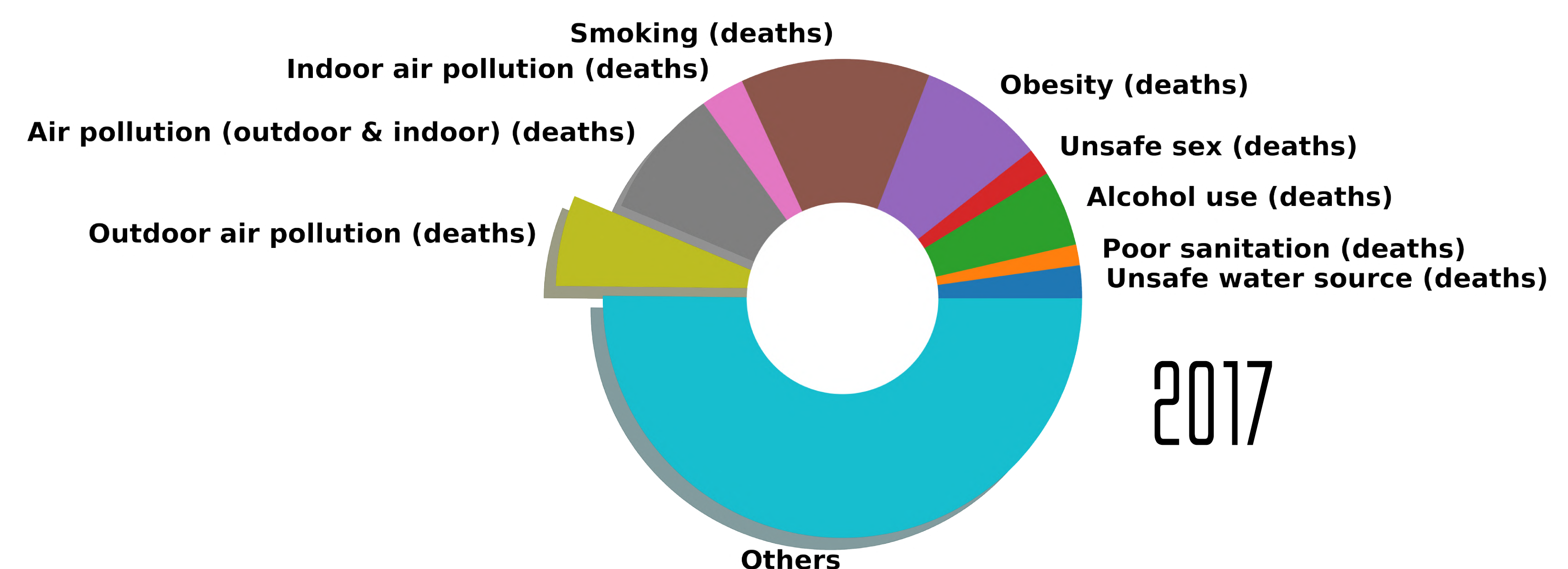
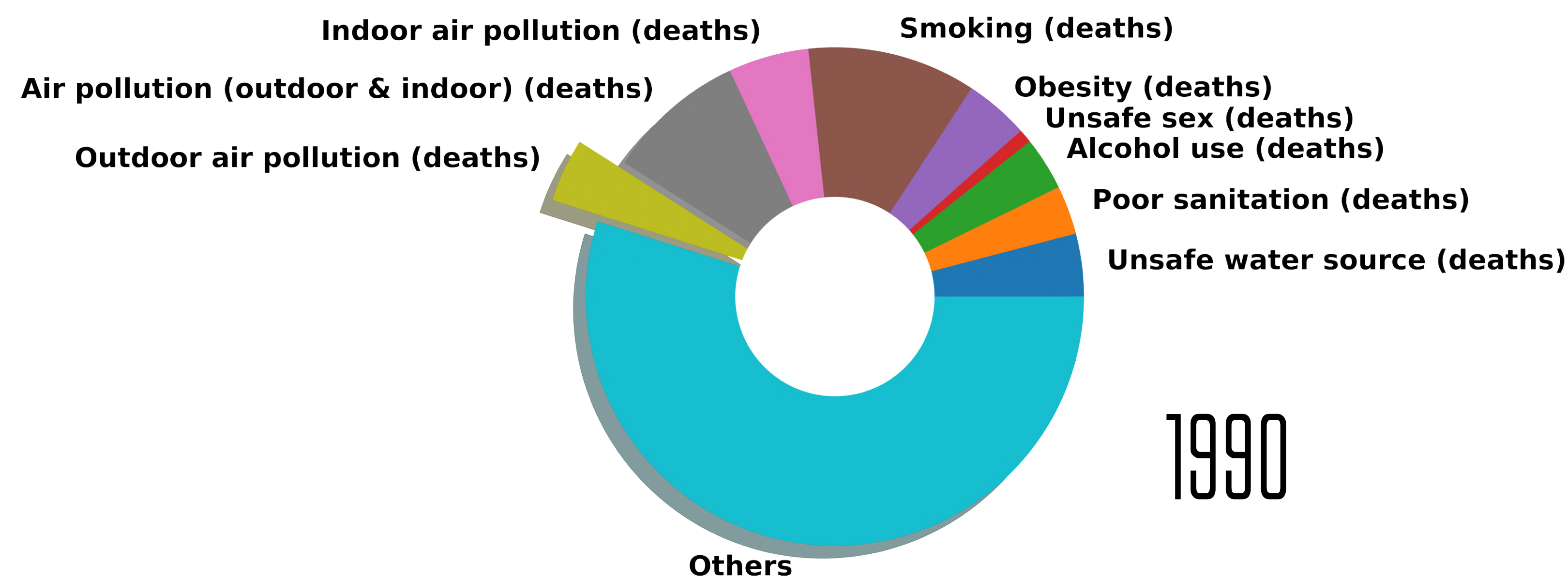
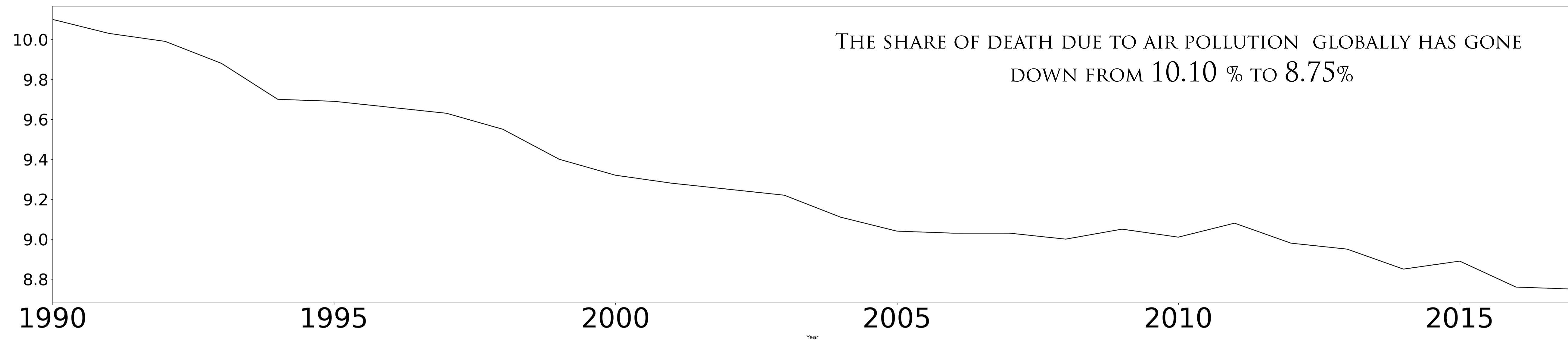


“Water and air, the two essential fluids on which all life depends, have become global garbage cans...”  
 - Jacques Cousteau



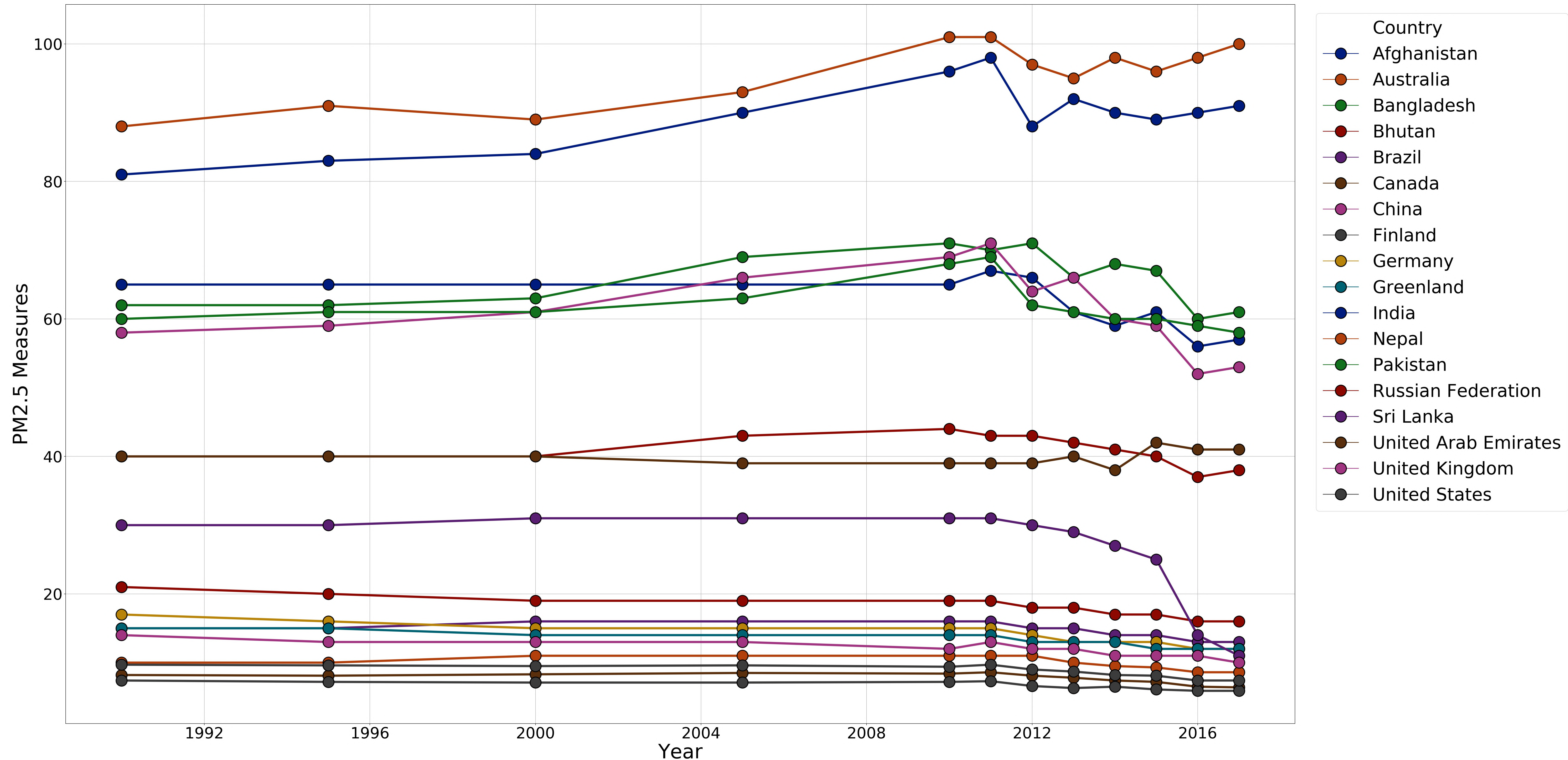
ANALYSING THE GLOBAL CAUSES OF DEATH, THERE HAS BEEN DECREASE IN THE DEATHS CAUSED DUE TO AIR POLLUTION, BUT THAT’S MOSTLY BECAUSE OF DECREASE IN THE DEATHS CAUSED BY INDOOR AIR POLLUTION.

THE NUMBER OF DEATHS CAUSED BY THE OUTDOOR AIR POLLUTION HAS INCREASED BY 37.1% FROM 1990 TO 2017.



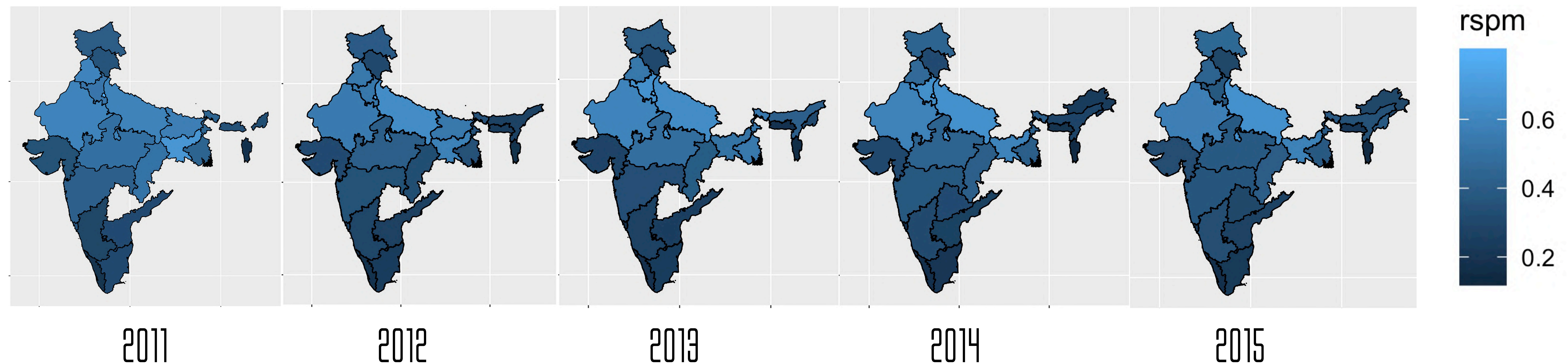


# PM2.5 MEASURES ACROSS THE YEARS



THE GRAPH HERE REPRESENTS THE PM2.5 POPULATION WEIGHTED CONCENTRATION, IN ITS CALCULATION MORE WEIGHT IS GIVEN TO THOSE REGIONS INHABITING MORE PEOPLE





RESPIRATORY SUSPENDED PARTICULATE MATTER, RSPM IS A MEASURE OF SUSPENDED PARTICLES IN THE AIR WITH DIAMETER OF LESS THAN  $2.5 \mu\text{m}$ . THIS IS THE DENSITY OF THE PARTICLES IN THE AIR WHICH CAN BE READILY INHALED BY HUMANS, WITHOUT THE NASAL DUCT BEING ABLE TO FILTER IT.

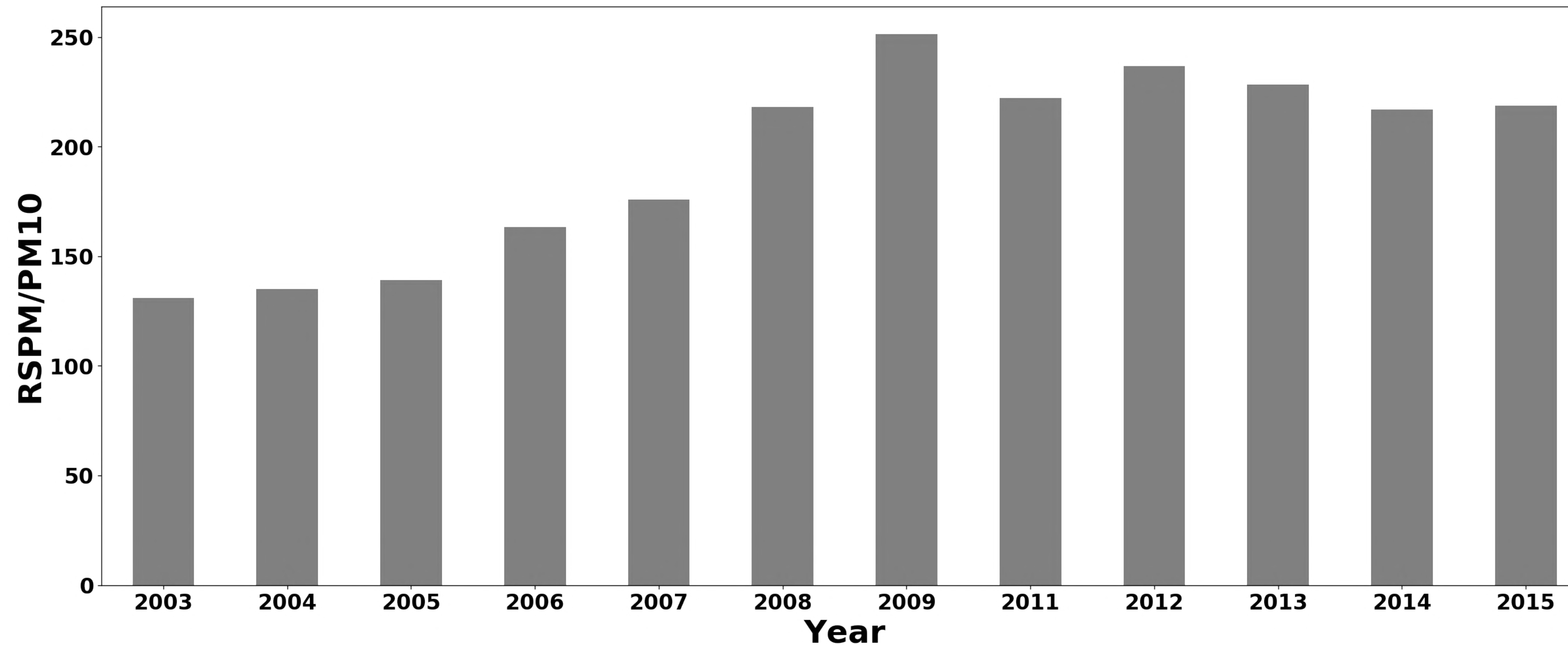
THROUGHOUT THE YEARS THE SINCE PAST DECADE AT LEAST NORTHERN PART OF THE COUNTRY HAS SEEN A RISE IN THIS CONCENTRATION ESPECIALLY TOWARDS THE YEAR END.

SINCE 2011 TO 2015 THERE HAS BEEN A DECREASE IN THE RSPM OF 8.05% BUT THAT'S ACCREDITED MOSTLY TO THE SOUTHERN PART OF THE COUNTRY, AS FOR THE NORTHERN IT HAS INCREASED, NEW DELHI FOR EXAMPLE HAS SEEN AN INCREASE OF 40.17% SINCE THE YEAR 2011 TILL 2015.

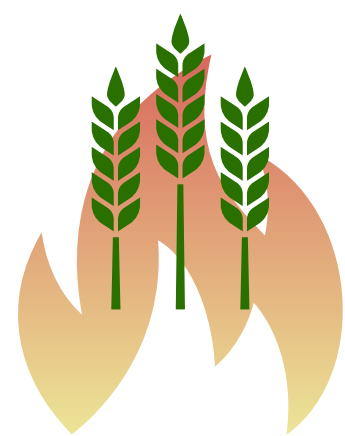




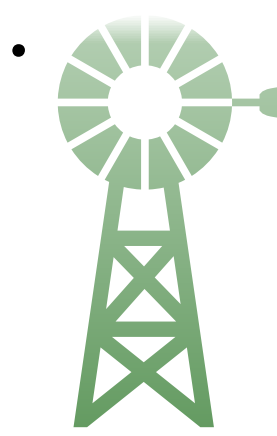
## RSPM MEASURES FOR DELHI (MEAN)



THERE HAS BEEN QUITE SOME HEADLINE MADE BY NEW DELHI RECENTLY WITH THE AIR THAT IS BEING BREATHED BY THE INHABITANTS OF THIS POPULOUS CITY. THE MAJOR REASONS CITED FOR THIS ARE CROP BURNING AND VEHICULAR POLLUTION. A REASONABLE SOLUTION FOR THIS WILL BE SHIFTING TOWARDS RENEWABLE ENERGY AND PROMOTING THE USE OF PUBLIC TRANSPORT / RIDE SHARING.



CROP BURNING



RENEWABLE ENERGY



VEHICULAR POLLUTION



RIDE SHARING/ PUBLIC TRANSPORT