

Statistics Analysis and Interpretation of Election Commission

Ist Affiliation

R.Sravani,Msc(Statistics),Lecturer in Statistics.
Ch.S.D.St Theresa's College for women,Eluru.
Sravani1459@gmail.com

II Affiliation

A.Jyothi,Msc (Mathematics),Lecturer in Mathematics.
Ch.S.D.St Therasas's College for Women,Eluru
jyothi.mallela90@gmail.com

III Affiliation

G.Jyothi,Msc (Mathematics),Lecturer in Mathematics.
Ch.S.D.St Therasas's College for Women,Eluru
garlapati.jyothi16@gmail.com

ABSTRACT:

To intimate the number of voters that are utilizing their right vote in 2019 age wise (Female and Male). In a democracy, as many political scientists have called, voting is a duty as well as a right of the people. Informed and interested citizens as they argue, play important role for survival of a democratic form of government. Countries with modern democracies have universal suffrage, that is, they grant the vote to all adult citizens. The whole body of eligible voters makes up the 'electorate' (New Standard Encyclopedia, 1984: VI44).

Key Words: Election commission, Ashok Nagar, Eluru, Andhra Pradesh.

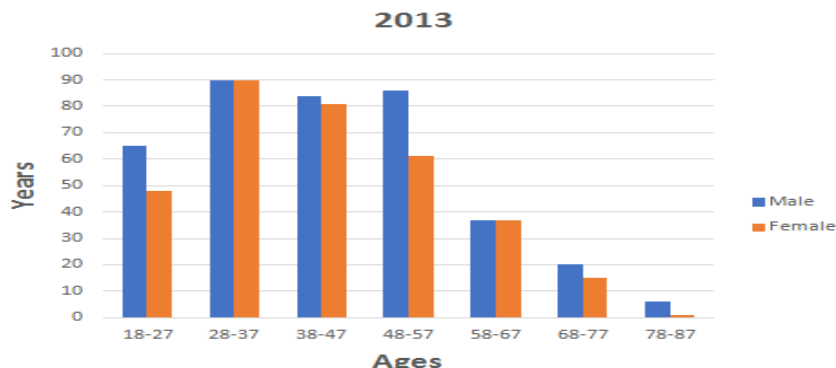
Introduction: The 2014 general election involved an electorate of 8635000,000 people.

The analysis and interpretation of data in this study based on pilot Survey and collection of primary data from residential area selected case study of Ashok Nagar, Eluru, West Godavari District Andhra Pradesh, selecting random sample of 1000, 500 male and 500 of female population of age groups classified as 18 - 27, 28 - 37, 38 - 47, 48 - 57, 58 - 67, 68 - 77 and 78 - 87. This study analyzed and estimated the increase and decrease in voter's strength for the years 2013, 2014, 2015, 2016 and 2017. The estimated figures of voters both male and female respondents of different age groups for the 2019 by consider the class intervals to estimate the future increment of male and female population of voters by year 2019, by using Gauss's backward method.

As per **2013** Year Male and Female Voters of different Age Groups data - A Comparative Analysis.

Age	Male	Female
18-27	65	48
28-37	90	90
38-47	84	81
48-57	86	61
58-67	37	37
68-77	20	15
78-87	6	1

The below graph represents male, female voters in year 2013

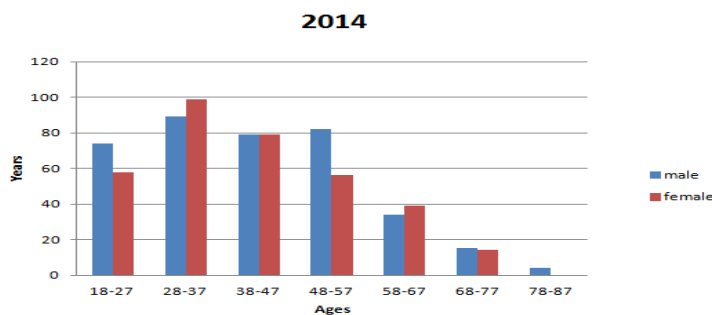


Diagrammatic Illustration shows that Male and Female Voters considered during the year 2013 of Age - Group 28-37 are 90%, of both male and female voters followed by 86% of male and 61% of female in the age group 48-57, 84% of male and 81% of female in 38-47 years, 65% of male and only 48% of female in 18 - 27 years of youth age group, In the case of Senior Citizens resulting that only 37% of both male and female belongs to 58 - 67% , 20% voters of male and 15% of female age group of 68 - 77 and only 6% of male and only 1% of female in the age group 78 - 87. This analysis proves that percentage of voters gradually decreasing in the case of both male and female voters crossing 60 years.

As per 2014 Year Male and Female Voters of different Age Groups data, A Comparative Study

Age	Male	female
18-27	74	58
28-37	89	99
38-47	79	790
48-57	82	56
58-67	34	39
68-77	15	14
78-87	4	0

The below graph represents male, female voters in year 2014

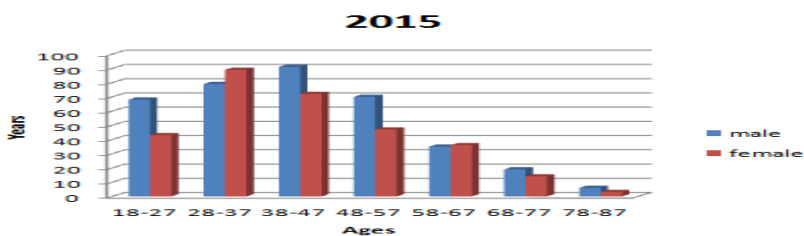


Diagrammatic Illustration shows that Male and Female Voters considered during the year 2014 of Age - Group 28-37 89% are male 99%, of female voters, followed by 82% of male and 56% of female in the age group 48-57, 79% of both male and female in 38-47 years, 74% of male and only 58% of female in 18 - 27 years of youth age group, In the case of Senior Citizens resulting that only 34% of male and 39% off female belongs to 58 - 67% , 15% voters of male and 14% of female age group of 68 - 77 and only 4% of male and only 0% of female in the age group 78 - 87. This analysis proves that percentage of voters has become negligible section in the case of both male and female voters crossing 60 years.

As per **2015** Year Male and Female Voters of different Age Groups data , A Comparative Study

Age	male	female
18-27	68	43
28-37	79	89
38-47	91	72
48-57	70	47
58-67	35	36
68-77	19	14
78-87	6	3

The below graph represents male, female voters in year 2015



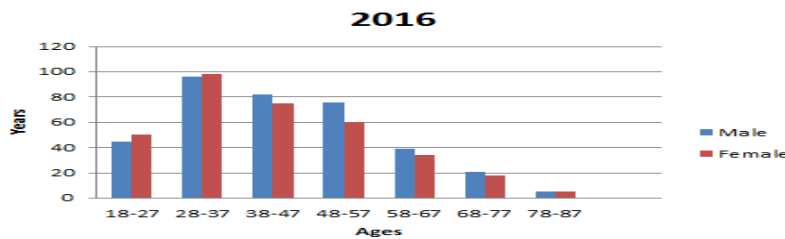
Diagrammatic Illustration shows that Male and Female Voters considered during the year 2015 of Age - Group 38-47 are 91% of male and 72% of female followed by in the age group 28-37,

79% of male are less than 89% of female ,in the age group of 48-57 years, 70% of male and only 47% of female, a drastic decrease in 18 - 27 years of youth age group i.e. 68% of male whereas only 43% of female voters, In the case of Senior Citizens resulting that only 35% of male and 36% female belongs to 58 - 67% , 19% voters of male and 14% of female age group of 68 - 77 a slight increase compared to 2014 and only 6% of male and only 1% of female in the age group 78 - 87. This analysis proves that percentage of voters gradually decreasing in the case of both male and female voters crossing 60 years.

As per **2016** Year Male and Female Voters of different Age Groups data, A Comparative Analysis

Age	Male	Female
18-27	52	54
28-37	92	99
38-47	83	72
48-57	79	60
58-67	44	29
68-77	15	20
78-87	4	3

The below graph represents male, female voters in year **2016**

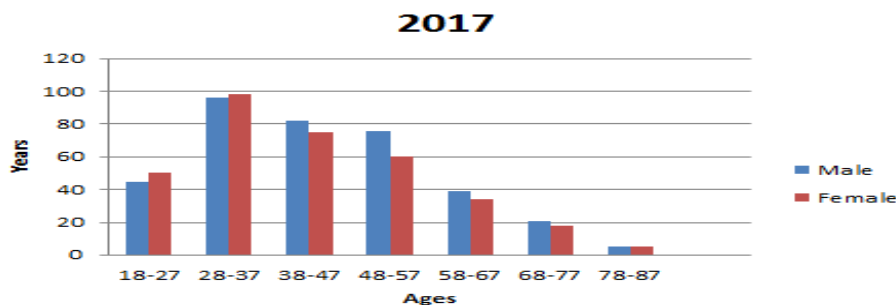


Diagrammatic Illustration shows that Male and Female Voters considered during the year 2016 of Age - Group 28-37 are 92%, of male and 99% of female, in the age group 38-47 the voters 83% of male and only 72% of female, in the age group of 48-57 years 79% of male and only 60% of female whereas in 18 - 27 years of youth age group 52% of male and 54% of female voters%, In the case of Senior Citizens resulting that only 44% of male and 29% female belongs to 58 - 67 , 15% voters of male and 20% of female age group of 68 - 77 and only 4% of male and only 3% of female in the age group 78 - 87. This analysis proves that percentage of voters gradually decreasing in the case of both male and female voters crossing 60 years.

As per 2017 Year Male and Female Voters of different Age Groups data, A Comparative Analysis

Age	Male	Female
18-27	45	50
28-37	96	98
38-47	82	75
48-57	76	60
58-67	39	34
68-77	21	18
78-87	5	5

The below graph represents male, female voters in year 2017



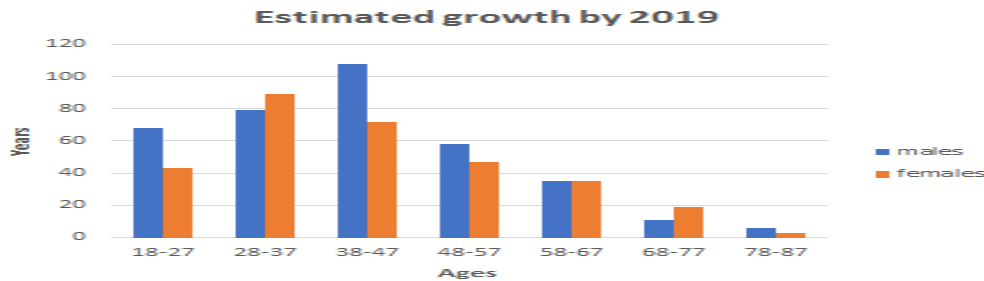
Diagrammatic Illustration shows that Male and Female Voters considered during the year 2017 of Age - Group 28-37 are 96%, of male and 98% of female in the age group followed by 38-47 age group consisting of 82% of male and 75% of female, in the group of 48-57 years, 76% of male and only 60% of female and in the case of 18 - 27 years of youth age group 45% of male less than 50% of female voters, In the case of Senior Citizens resulting that only 39% of male and 34% female belongs to 58 - 67% , 21% voters of male and 18% of female age group of 68 - 77 and only 5% of both male and female in the age group 78 - 87. This analysis proves that percentage of voters gradually decreasing in the case of both male and female voters crossing 60 years.

From the following data, we consider the class intervals to estimate the future increment of male and female population of voters by year 2019, by using Gauss’s backward method.

By 2019, Estimated Male and Female population.

Age	Male	Female
18-27	68	43
28-37	79	89
38-47	108	72
48-57	58	47
58-67	35	35
68-77	15	19
78-87	6	3

The below graph represents Male and female voters by year 2019



Diagrammatic Illustration shows that Male and Female Voters considered during the year 2019 of Age - Group 38-47 resulting that there is a tremendous increase in the case of male voters than female voters i.e. 108%, Of male and 86% of female followed by age group 28 - 37 the percentage of male voters 79% is less than 86% of female, Whereas in the age group 18-27 compared to 2017 a slight increase i.e. 68% of male and only 43% of female voters. In the age group of 48-57 years 58% of male and only 47% of female. In the case of Senior Citizens resulting that only 35% of both male and female belongs to 58 - 67% , 15% voters of male and 19% of female age group of 68 - 77 and only 6% of male and only 3% of female in the age group 78 - 87. This estimated analysis proves that percentage of voters gradually decreasing in the case of both male and female voters crossing 60 years.

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