
HEALTH OF ELECTORAL ROLLS

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- The health of the Electoral Roll (ER) may be judged by comparing the three parameters obtained from Format 1 to 3 with projected population i.e.
 - Gender Ratio
 - Elector Population Ratio
 - Age Cohort-wise Elector information

FORMAT 1-8

- All the offices of Chief Electoral Officer(CEO) prepare Format 1-8 each year at the time of draft and final rolls and submits to ECI for approval etc.
- The data in Format 1B, 2B and 3B indicate the health of the ER.

FORMAT 1B

- ✘ Format 1B gives the projected population at AC/District/State levels and the actual electors. A comparison at each level will provide the variations in projected population and actual electors.
- ✘ The percentage variations between the two data will indicate the health of ER. A variation more than (+)(-) 2 to 3 % should be looked into seriously. This may occur in any AC or any district. Example Table 1

Table 1: Comparison of actual electors with projected population by ECI

Name of District	Electors as per final roll w.r.t. 1.1.2018 as the qualifying date.			Projected Electors population as on 01.01.2018			Percentage difference			Gender ratio of electors	Gender ratio of projected electors	Gender ratio Census 2011
	Male	Female	Total	Male	Female	Total	Male	Female	Total			
1	2	3	4	5	6	7	$8=(2-5)*100/5$	$9=(3-6)*100/6$	$10=(4-7)*100/7$	$11=3*1000/2$	$12=6*1000/5$	
A	32615	31550	64165	31228	29780	61007	4.44	5.94	5.18	967	954	927
B	27706	28875	56581	29701	29834	59535	-6.72	-3.22	-4.96	1042	1004	956
C	135376	148891	284267	147303	160913	308216	-8.10	-7.47	-7.77	1100	1092	1009
D	41880	42577	84457	40739	42143	82882	2.80	1.03	1.90	1017	1034	984
E	23857	24823	48680	23840	23224	47064	0.07	6.89	3.43	1040	974	977
F	51635	51942	103577	54603	53403	108006	-5.44	-2.74	-4.10	1006	978	947
G	39616	39650	79266	43175	43930	87106	-8.24	-9.74	-9.00	1001	1017	946
H	18788	19738	38526	15265	15794	31059	23.08	24.97	24.04	1051	1035	979
State Total	371473	388046	759519	385855	399020	784875	-3.73	-2.75	-3.23	1045	1034	982

ELECTORS POPULATION RATIO

- ✘ The Electors Population (EP) ratio (i.e. $\text{Number of electors} \times 100 / \text{Total projected population of electors}$) indicates whether the percentage of persons above 18 years of age to total projected electors are good or not.
- ✘ Generally, there should be some increase in this indicator compared to what the percentage was at the last Census 2011. If this indicator is less in some districts compared to the State EP ratio, there may be some concerns in ER data of that district/AC.

Name of District	Ratio of Electors to Population projected by CEO		
	Male	Female	Total
1	4	5	5
A	62.77	65.53	64.10
B	55.70	60.71	58.14
C	59.11	64.46	61.80
D	57.68	59.65	58.66
E	58.32	61.85	60.07
F	53.74	57.06	55.36
G	56.40	59.70	58.01
H	56.69	60.86	58.75
State Total	57.71	61.78	59.72

Min 55.36

Max 64.10

<State 5

Census 2011 61.49

GENDER RATIO

- The Gender ratio is the number of female electors per 1000 male electors. Here also the Gender ratio may be examined in the same light of increase or decrease with respect to last census 2011 data.
- Wherever, this is not so, data may be relooked into.

FORMAT 2B

- Format 2B gives the total projected population at AC/District/State level.
- The total projected population of the State/UT is used in Format 3B to find out the expected percentage of population in each age cohort and of the actual electors .

FORMAT 3B

- Format 3B reveals a lot about the health of ER. This gives age cohort wise projected population at State level as well as actual electors along with percentages with respect to total projected population and actual electors.
- This indicates the excess or shortfall of electors in any age cohort. The ratio of electors to eligible electors i.e. projected population gives the actual picture.

FORMAT 3B

- Ideally, the ratio should be 100. If the ratio is within a range of 98 to 102, the data is good. If it goes beyond this range, there are some concerns.
- It has been observed that in 18-19 years age cohort, there is generally a shortfall in all States/UTs and in age cohorts of 50-69, 60-69, 70-79 and 80+, there are excess persons in ER.
- The same analysis can be made for district or AC level to see the excess or shortfall of electors in any specific age cohort. Attention should be given in those areas to improve the health of ER.

2018

Table : Comparison of Electors and Projected population age group wise

Total State Population in numbers (CEO) -'X'

1271763

State Population of 18+ only 'Y'

759519

Age Cohort	Projected Population by CEO	%age of (2) to 'X'	Electors w.r.t. 1.1.2018	%age of (4) to 'X'	%age of (4) to (2)
1	2	3	4	5	6
18-19	82671	6.50	16845	1.32	20.38
20-29	268622	21.12	261746	20.58	97.44
30-39	184367	14.50	188894	14.85	102.46
40-49	124734	9.81	123134	9.68	98.72
50-59	83456	6.56	89402	7.03	107.12
60-69	43548	3.42	48764	3.83	111.98
70-79	20870	1.64	21509	1.69	103.06
80+	8416	0.66	9225	0.73	109.62
State Total	816683	64.22	759523	59.72	93.00

**Thank you
Any question?**

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