

MP 2024 LokSabha Seat Vote Margin Estimate trend

Vote Margin Status LokSabha 2019 Vs VidhanSabha 2023 Under LokSabha Seat

To analyse the trends of LokSabha seats for the 2024 elections, we needed to determine the vote differences in each constituency. For this, we compared the Lok Sabha 2019 election results with the 2023 Madhya Pradesh Vidhan Sabha election results, as these constituencies fall under Lok Sabha seats. We calculated the total votes for each seat in both elections and then compared them to the total votes in the 2019 Lok Sabha results to identify whether there was an increase or decrease in the votes for both BJP and Congress between the two elections. To simplify this analysis, we utilized a target bar graph, where the target line represented the 2019 Lok Sabha results and the bars represented the 2023 Vidhan Sabha results. This enabled us to easily determine whether the vote margin increased or decreased for each seat in comparison to 2019.

To look at the status of the vote margin for MP Lok Sabha seats, my biggest challenge was obtaining the data. I needed real election results data, so I visited the Election Commission's website and scraped the data for both elections using MS Excel. This gave me structured data in Excel, which I then organized into multiple sheets. I analyzed the data using advanced Excel functions, including data filtering, manipulation, and replacement. After this process, I converted the data into a relational database management system (RDBMS) so that I could establish relationships between the data for Lok Sabha seats and the corresponding Vidhan Sabha seats. Now, this data is ready for visualization.

I stored the election data in Tableau, which is a business intelligence tool used for storing large amounts of data and creating charts and graphs. Then, to visualize the data, I used a Target Bar graph. I set the Target line for the 2019 results and displayed the 2023 results in the form of a bar graph.

Target Bar Graph:

In a Target Bar graph, it looks similar to a regular bar graph, but it includes a line representing the target. By looking at the length of the bars, you can identify which category has the highest data. But in addition, a target line is shown alongside the bars in the Target Bar graph, allowing comparison with the target. This helps see how well we did did we reach the target, do better, or fall short.

Type Of Data:

In a Target Bar graph, we use categories and quantitative data.

What it shows:

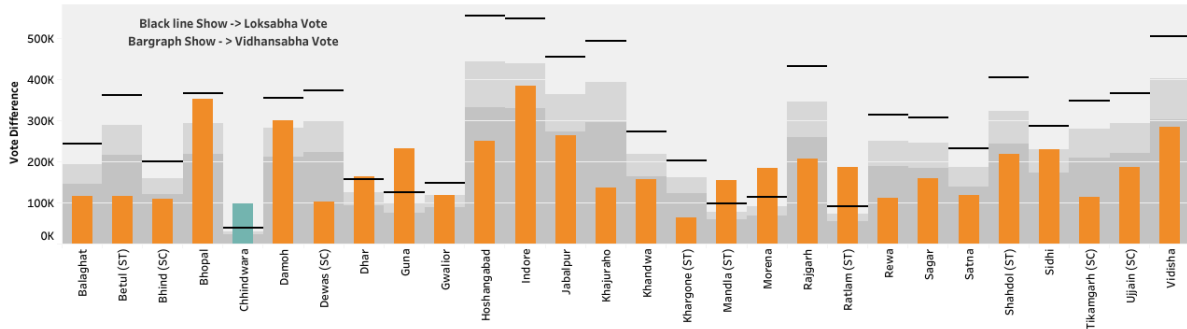
In this Target Bar graph, the vote margins for Madhya Pradesh LokSabha seats are illustrated. The black line represents the 2019 vote margin, while the bar graph showcases the vote margins for the 2023 VidhanSabha seats falling under each LokSabha constituency. The difference in the vote margin of both the elections can be seen, whether the margin of the vote has been increased or decrease.

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Vote Margin Status Loksabha 2019 VS Vidhansabha 2023 (Under Loksabha Seat)

Voting Status	
2019 Loksabha	70.724
2023 Vidhansabha	77.455

In this Target Bar graph, the vote margins for Madhya Pradesh Lok Sabha seats are illustrated. The black line represents the 2019 vote margin, while the bar graph showcases the vote margins for the 2023 Vidhan Sabha seats falling under each Lok Sabha constituency. The difference in the vote margin of both the elections can be seen, whether the margin of the vote has been increased or decreased.



Insights:

1. Seats such as Betul, Dewas, Hoshangabad, Jabalpur, Khajuraho, Rajgarh, Tikamgarh, and Vidisha are under BJP's control, but in comparison to the 2023 Vidhan Sabha elections, there has been a significant increase in Congress votes, with BJP's votes halving. This indicates a potential shift in these seats for the upcoming 2024 Lok Sabha elections.
2. Seats like Balaghat, Bhind, Indore, Khandwa, Khargone, Rewa, Sagar, Satna, Shahdol, and Ujjain are dominated by BJP. While Congress votes have increased moderately compared to the 2019 Lok Sabha elections, BJP's vote count remains stable.
3. In seats such as Bhopal, Damoh, Dhar, Gwalior, and Sidhi, BJP holds control. However, there hasn't been any significant change in BJP's vote count between the 2019 Lok Sabha elections and the 2023 Vidhan Sabha elections.
4. Chhindwara seat has been under Congress's control, and there has been an increase in Congress's vote margin between the 2019 Lok Sabha elections and the 2023 Vidhan Sabha elections.
5. Seats like Guna, Mandla, Morena, and Ratlam are dominated by BJP. Observing the margin between the 2019 elections and the 2023 Vidhan Sabha elections, BJP's margin has increased, indicating a potential stronghold for BJP in these seats.