

## A mintavételi hiba meghatározása

Mintanagyság	99%-os megbízhatósági szint (konfidencia intervallum)				
	binomiális megoszlás				
	50% / 50%	60% / 40%	70% / 30%	80% / 20%	90% / 10%
50	<b>21.21%</b>	20.78%	19.44%	16.97%	12.7%
100	<b>15.00%</b>	14.70%	13.75%	12.00%	9.0%
150	<b>12.25%</b>	12.00%	11.22%	9.80%	7.3%
200	<b>10.61%</b>	10.39%	9.72%	8.49%	6.4%
250	<b>9.49%</b>	9.30%	8.69%	7.59%	5.7%
300	<b>8.66%</b>	8.49%	7.94%	6.93%	5.2%
350	<b>8.02%</b>	7.86%	7.35%	6.41%	4.8%
400	<b>7.50%</b>	7.35%	6.87%	6.00%	4.5%
450	<b>7.07%</b>	6.93%	6.48%	5.66%	4.2%
500	<b>6.71%</b>	6.57%	6.15%	5.37%	4.0%
550	<b>6.40%</b>	6.27%	5.86%	5.12%	3.8%
600	<b>6.12%</b>	6.00%	5.61%	4.90%	3.7%
650	<b>5.88%</b>	5.76%	5.39%	4.71%	3.5%
700	<b>5.67%</b>	5.55%	5.20%	4.54%	3.4%
750	<b>5.48%</b>	5.37%	5.02%	4.38%	3.3%
800	<b>5.30%</b>	5.20%	4.86%	4.24%	3.2%
850	<b>5.14%</b>	5.04%	4.72%	4.12%	3.1%
900	<b>5.00%</b>	4.90%	4.58%	4.00%	3.0%
950	<b>4.87%</b>	4.77%	4.46%	3.89%	2.9%
1000	<b>4.74%</b>	4.65%	4.35%	3.79%	2.8%
1100	<b>4.52%</b>	4.43%	4.15%	3.62%	2.7%
1200	<b>4.33%</b>	4.24%	3.97%	3.46%	2.6%
1300	<b>4.16%</b>	4.08%	3.81%	3.33%	2.5%
1400	<b>4.01%</b>	3.93%	3.67%	3.21%	2.4%
1500	<b>3.87%</b>	3.79%	3.55%	3.10%	2.3%
1600	<b>3.75%</b>	3.67%	3.44%	3.00%	2.3%
1700	<b>3.64%</b>	3.56%	3.33%	2.91%	2.2%
1800	<b>3.54%</b>	3.46%	3.24%	2.83%	2.1%
1900	<b>3.44%</b>	3.37%	3.15%	2.75%	2.1%
2000	<b>3.35%</b>	3.29%	3.07%	2.68%	2.0%
2500	<b>3.00%</b>	2.94%	2.75%	2.40%	1.8%
3000	<b>2.74%</b>	2.68%	2.51%	2.19%	1.6%
3500	<b>2.54%</b>	2.48%	2.32%	2.03%	1.5%
4000	<b>2.37%</b>	2.32%	2.17%	1.90%	1.4%
5000	<b>2.12%</b>	2.08%	1.94%	1.70%	1.3%

 forrás: [www.e-benchmark.hu](http://www.e-benchmark.hu)

### Például:

Egy 400 fős mintában 60% válaszolt igennel, 40% nemmel. A mintavételi hiba becslésére +/-7.35% adódik.

Tehát az igenek száma a teljes populációban valahol az 52.6% és 67.4% közötti intervallumban lesz (konfidencia intervallum), 99%-os megbízhatósággal.