

## **Kenya County-by-County Adult Population Figures Undercuts Poll Results**

*Full 47-County Statistical Analytical Table below*

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In a calculated speed remarkable for an infrastructure challenged African frontier market economy, Kenya's electoral commission provisionally published on its website over 90% of the results of the country's August 8 national election in less than 24 hours after the poll closed. The results so far show the incumbent President Uhuru Kenyatta leading with a comfortable margin of over 55% of the votes cast.

Kenya's veteran opposition leader Raila Odinga has cried foul and alleged that the electoral commission's website was hacked, and that the election was massively rigged in favor of the incumbent. Odinga has so far not been able to produce concrete evidence to back up his claims. But Odinga's hunch may be supported by a strange statistical pattern in the published results.

A thorough analysis of the official demographic patterns underlying the electoral results by DaMina Advisors shows that there is an unexplainable non-random statistically significant average variance of + 9% in all the counties won by the incumbent, (and a consequent -4% loss for Odinga, implying a 13% swing), not explained by a variances in the total number of valid votes cast in same adjoining counties even sometimes within the same province.

The pattern of inflated valid votes cast in incumbent-won counties was nationwide. In the incumbent's home base of central province the total number of valid votes cast was on average 85% of the total adult population in the county. By contrast on the coast, a stronghold of the opposition the number of valid votes cast averaged 61% of the total adult population. In Odinga's ethnic Luo stronghold of Nyanza, the number of valid votes cast also fell by -14% vis-à-vis Kenya's ethnic Gikuyu central province heartland to 71%. Strangely in Nairobi, the very polarized political capital, where turnout is always high, which was previously won by Odinga in 2013, strangely the number of valid votes cast as a percentage of the adult population fell dramatically to 64%, even though nationwide the average valid vote turnout was over 66%. In the hotly contested Rift Valley, the counties where the incumbent won averaged a valid vote as percentage of adult population turnout of 64%, however in the same province the counties were Odinga won, averaged only 44%, a difference of over 20% - within the same province.

These variances between effective valid voter turnout for counties where Kenyatta won and others where Odinga won within the same province do not make statistical sense – especially since the county by county variance in the total number of valid votes cast in 2017 vis-à-vis 2013 shows that both Odinga counties and Kenyatta leaning counties saw a similar average 20% increase in new voters.

Whether Odinga, 69 years old, will concede and fade into history is yet to be seen, but there is no doubt that a close examination of the provisional presidential results from Kenya shows a clever systematic attempt to inflate the number of total valid voters in each Kenyatta won counties, while systematically suppressing the same figures in Odinga counties – even when both counties are in the same province!

## Official Stats Kenya Adult Population by County Shows Systemic Non-Random Nationwide Valid Voter Inflation in all Incumbent-Won Counties by (+9%)

KENYA'S 47 ELECTORAL COUNTIES	2013 Total Valid Voters BASELINE	2017 IEBC Results Valid Voters	Official Stats Kenya County Adult Population (18+ Yrs)	Variance Btwn Official Stats Kenya County Adult Pop & IEBC Valid Voter Results	2017 IEBC Valid Voters as % of Official Stats Kenya Adult Pop	Who Won County in 2013 Elections	Who Has Provisionally Won County in 2017
KIAMBU COUNTY	776,672	965,452	1,091,900	-126,448	88%	Kenyatta	Kenyatta
KIRINYAGA COUNTY	239,881	300,281	365,065	-64,784	82%	Kenyatta	Kenyatta
MURANG'A COUNTY	421,283	508,336	595,911	-87,575	85%	Kenyatta	Kenyatta
NYANDARUA COUNTY	237,975	282,461	337,794	-55,333	84%	Kenyatta	Kenyatta
NYERI COUNTY	328,559	392,119	469,219	-77,100	84%	Kenyatta	Kenyatta
KILIFI COUNTY	215,792	318,582	616,843	-298,261	52%	Odinga	Odinga
KWALE COUNTY	124,626	177,293	359,671	-182,378	49%	Odinga	Odinga
LAMU COUNTY	43,534	49,516	63,102	-13,586	78%	Odinga	Odinga
MOMBASA COUNTY	269,314	335,373	692,304	-356,931	48%	Odinga	Odinga
TAITA TAVETA COUNTY	91,333	110,317	188,976	-78,659	58%	Odinga	Odinga
TANA RIVER COUNTY	64,080	80,132	124,011	-43,879	65%	Odinga	Odinga
EMBU COUNTY	197,918	245,132	308,773	-63,641	79%	Kenyatta	Kenyatta
ISIOLO COUNTY	47,358	49,961	74,593	-24,632	67%	Kenyatta	Kenyatta
KITUI COUNTY	273,475	345,929	491,456	-145,527	70%	Odinga	Odinga
MACHAKOS COUNTY	367,238	456,418	631,012	-174,594	72%	Odinga	Kenyatta
MAKUENI COUNTY	250,048	322,222	456,717	-134,495	71%	Odinga	Odinga
MARSABIT COUNTY	89,561	104,613	141,653	-37,040	74%	Odinga	Kenyatta
MERU COUNTY	425,394	532,681	776,517	-243,836	69%	Kenyatta	Kenyatta
THARAKA-NITHI COUNTY	137,942	164,581	211,526	-46,945	78%	Kenyatta	Kenyatta
NAIROBI CITY	1,398,476	1,599,188	2,511,026	-911,838	64%	Odinga	Odinga
GARISSA COUNTY	91,382	99,827	220,276	-120,449	45%	Odinga	Kenyatta
MANDERA COUNTY	101,271	125,985	226,218	-100,233	56%	Kenyatta	Kenyatta
WAJIR COUNTY	99,695	108,746	217,116	-108,370	50%	Odinga	Kenyatta
HOMA BAY COUNTY	305,666	386,624	488,659	-102,035	79%	Odinga	Odinga
KISII COUNTY	344,064	387,727	626,526	-238,799	62%	Odinga	Odinga
KISUMU COUNTY	347,119	425,174	544,045	-118,871	78%	Odinga	Odinga
MIGORI COUNTY	259,892	311,565	453,916	-142,351	69%	Odinga	Odinga
NYAMIRA COUNTY	181,232	198,453	332,722	-134,269	60%	Odinga	Kenyatta
SIAYA COUNTY	286,712	369,934	456,414	-86,480	81%	Odinga	Odinga
BARINGO COUNTY	156,349	180,502	300,192	-119,690	60%	Kenyatta	Kenyatta
BOMET COUNTY	225,713	262,461	399,129	-136,668	66%	Kenyatta	Kenyatta
ELGEYO-MARAKWET COUNTY	122,453	144,860	210,380	-65,520	69%	Kenyatta	Kenyatta
KAJIADO COUNTY	263,130	313,973	504,550	-190,577	62%	Kenyatta	Kenyatta
KERICHO COUNTY	260,973	297,159	439,626	-142,467	68%	Kenyatta	Kenyatta
LAIKIPIA COUNTY	156,066	198,664	251,883	-53,219	79%	Kenyatta	Kenyatta
NAKURU COUNTY	610,803	729,992	1,020,000	-290,008	72%	Kenyatta	Kenyatta
NANDI COUNTY	234,008	265,254	445,558	-180,304	60%	Kenyatta	Kenyatta
NAROK COUNTY	234,258	270,207	453,740	-183,533	60%	Odinga	Kenyatta
SAMBURU COUNTY	53,772	62,896	117,394	-54,498	54%	Odinga	Odinga
TRANS-NZOIA COUNTY	195,286	238,430	449,866	-211,436	53%	Odinga	Odinga
TURKANA COUNTY	100,876	116,982	477,344	-360,362	25%	Odinga	Odinga
UASIN GISHU COUNTY	281,862	328,441	569,498	-241,057	58%	Kenyatta	Kenyatta
WEST POKOT COUNTY	108,783	143,377	258,025	-114,648	56%	Kenyatta	Kenyatta
BUNGOMA COUNTY	345,699	415,248	666,234	-250,986	62%	Odinga	Odinga
KAKAMEGA COUNTY	467,783	545,964	841,481	-295,517	65%	Odinga	Odinga
VIHIGA COUNTY	165,494	195,026	291,690	-96,664	67%	Mudavadi	Odinga
BUSIA COUNTY	218,656	275,840	363,015	-87,175	76%	Odinga	Odinga

Kenya Avg County Adult Pop/ Valid Vote Variance

71% Avg Deviation +5

Odinga Avg County Adult Pop/ Valid Vote Variance

62% Avg Deviation - 4

Source: Stats Kenya/IEBC/DaMina Advisors

Total Avg Deviation

66%



*DaMina Advisors is a preeminent Africa-focused independent frontier markets risk research, due diligence and Africa M&A transactions consulting and strategic advisory firm. DaMina Advisors is legally registered and has offices in the US, Canada, The UK and Ghana. DaMina is headquartered in Toronto.*

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