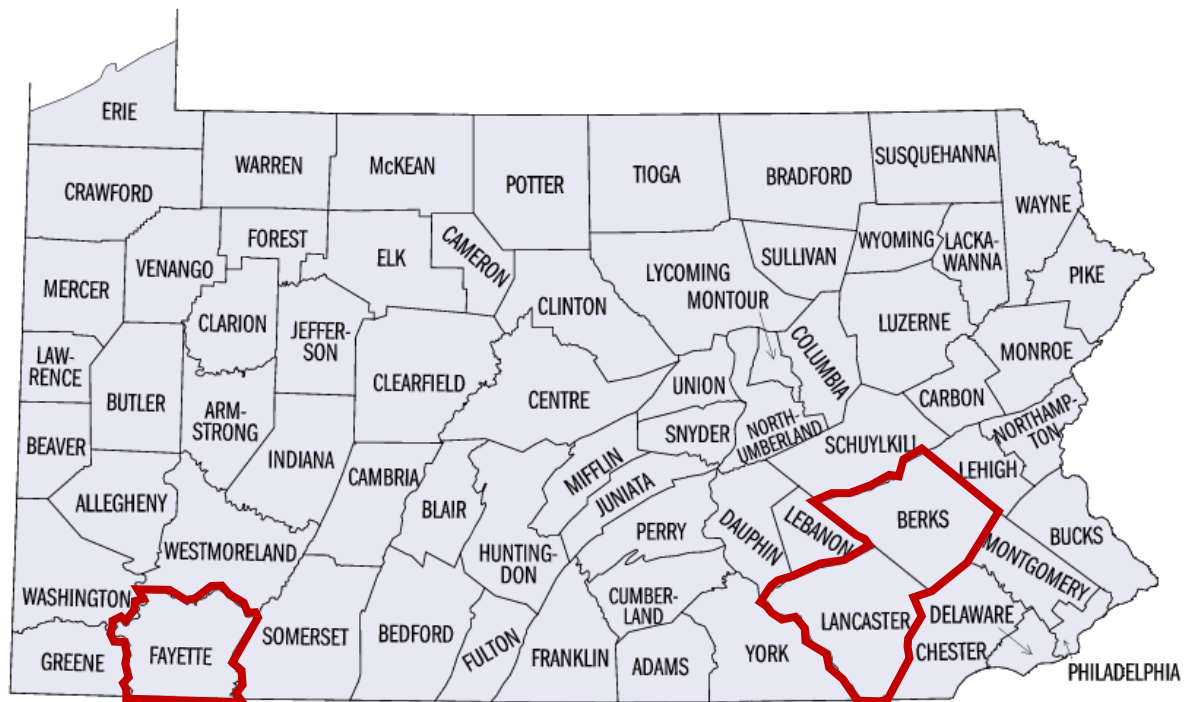


August 15, 2022



The Voter Purge Project has developed a unique system for acquiring, querying, and analyzing state voter rolls to detect patterns of disenfranchisement

Analysis of Purged Voters in Berks, Fayette, and Lancaster County, PA- January to July 2022

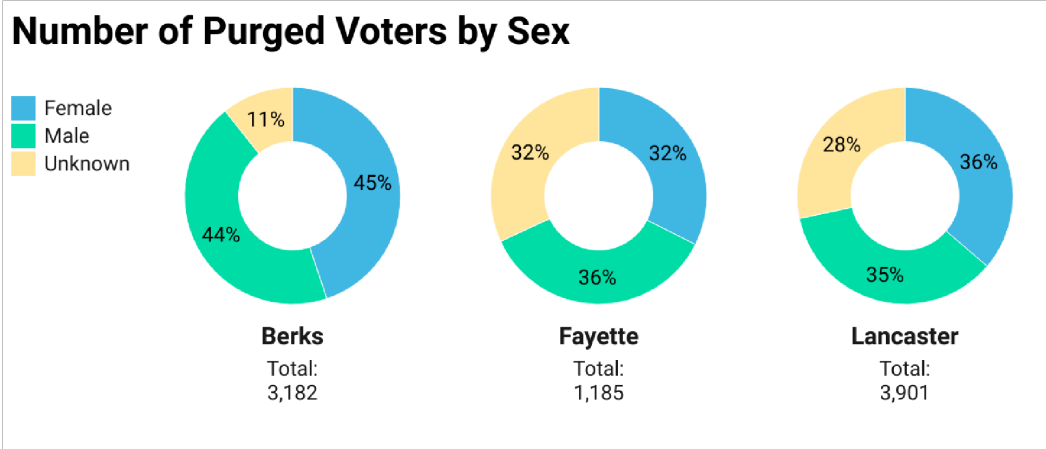


Methodology

Purged voters from three Pennsylvania counties were analyzed based on sex, party, and age from January 2022-July 2022. These three identifiers were chosen based on the categories provided in Pennsylvania's voter registration data. First, we look at the total number purged from each category, and then we compare the total number of voters from each category in January. For the sex and party categories, the net gain/loss of voters during the seven month time period was calculated.

Sex

The following chart and table show the breakdown of purged voters by sex. PA classifies by male, female, and unknown, but some of the voter registries do not list any of the three, causing some discrepancies with the total number of purged voters.

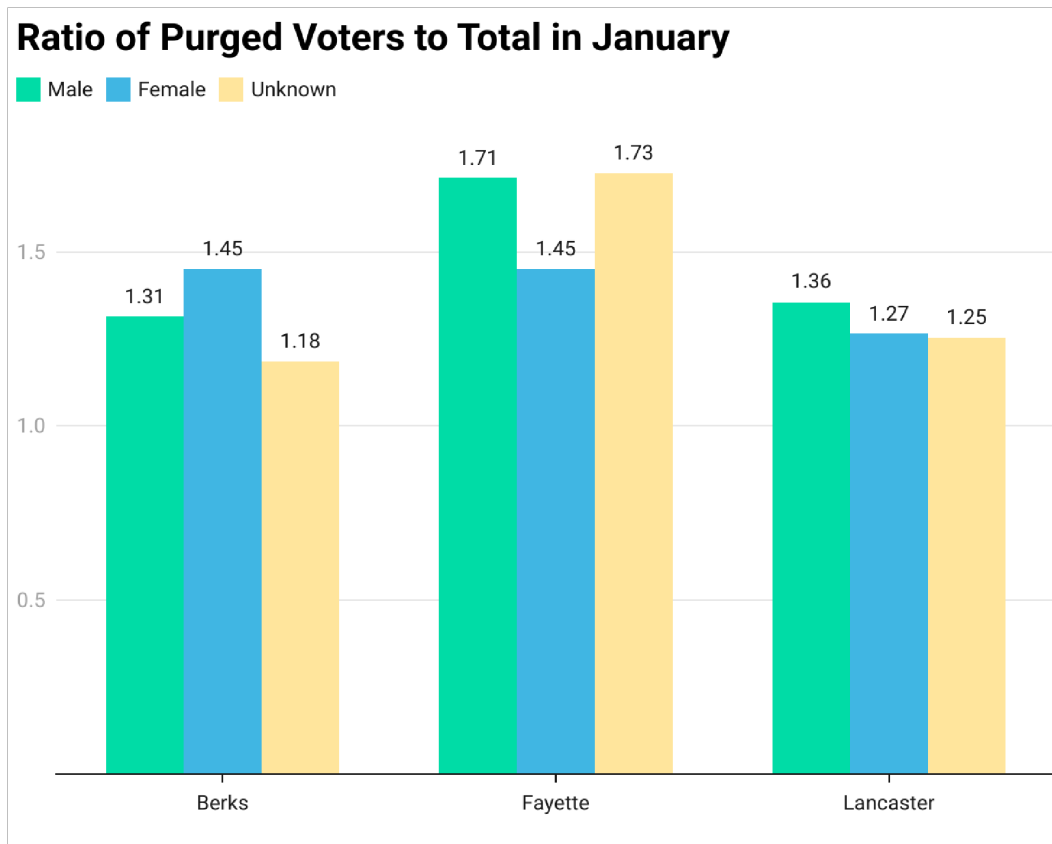


Number of Purged Voters by Sex

Sex	Berks	Fayette	Lancaster
Male	1,414	423	1,381
Female	1,427	384	1,414
Unknown	341	378	1,106



The following chart and table show the ratio of purged voters from each category to the total number of voters in each category during the month of January:



Ratio of Purged Voters to Total in January

Sex	Berks	Fayette	Lancaster
Male	1.314832	1.713383	1.355423
Female	1.451432	1.450042	1.265755
Unknown	1.184933	1.726579	1.253386



The following table represents the net gain/loss of voters from each sex during this time period:

Net Gain/Loss of Voters by Sex				
Month	January	July	Total	
B-Male	97,421	98,181		760
B-Female	108,531	109,631	1,100	
B-Unknown	28,778	28,244		-534
F-Male	24,688	24,967		279
F-Female	26,482	26,842		360
F-Unknown	21,893	21,146		-747
L-Male	101,887	103,415		1,528
L-Female	111,712	113,482		1,770
L-Unknown	88,241	86,198	-2,043	

Summary:

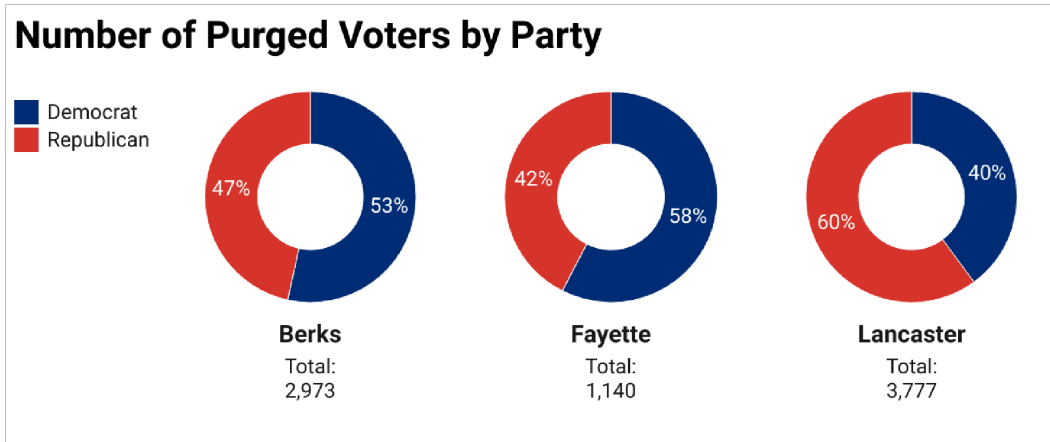
As shown in the figures, each county purged at similar rates for each sex group. In all counties, more female voters were registered during this time than any other sex, with the unknown group receiving losses. This loss among unknown-sex voters could just mean that more new voters identified a sex. The term sex is used in this report, but Pennsylvania uses the term gender for classification purposes. Because of this and the fact that there are only three categorizations, it is not possible to determine purge discrepancies among those who may not identify as a traditional gender.



Party

The following chart and table show the breakdown of purged voters by party. The two main parties, Republican and Democrat, were analyzed.

However, Pennsylvania categorizes by over one hundred parties.



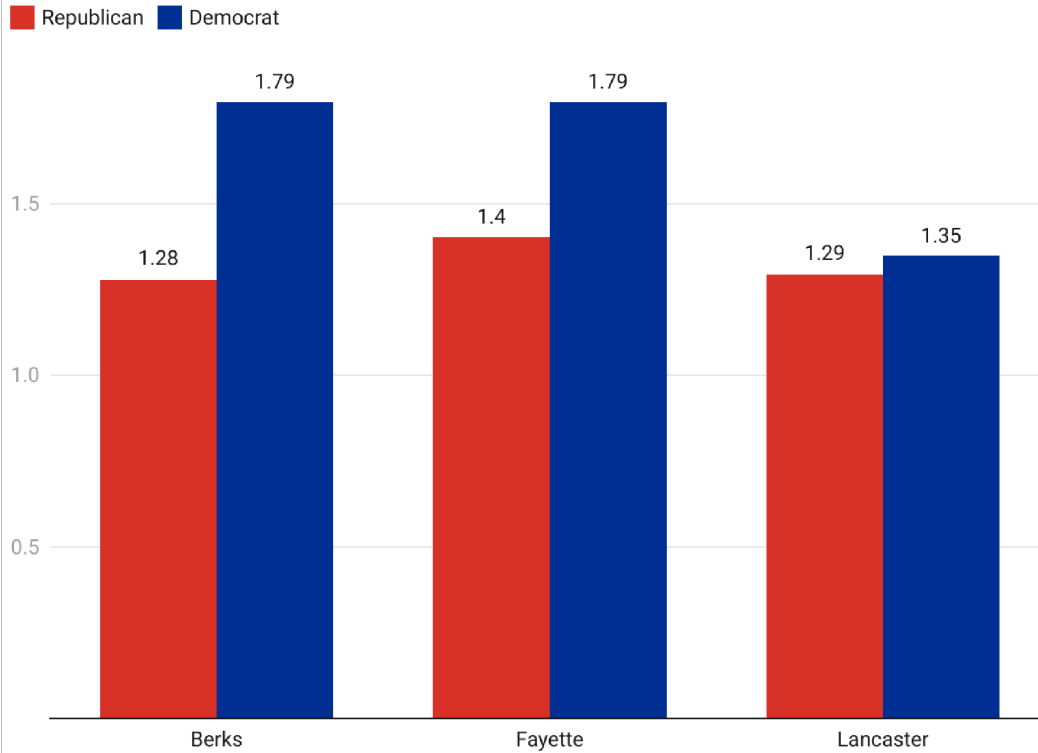
Number of Purged Voters by Party

Party	Berks	Fayette	Lancaster
Republican	1,383	484	2,269
Democrat	1,590	656	1,508

The following chart and table show the ratio of purged voters from each category to the total number of voters in each category during the month of January:



Ratio of Purged Voters to Total in January






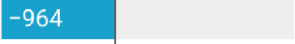


Ratio of Purged Voters to Total in January

Party	Berks	Fayette	Lancaster
Republican	1.277693	1.40022	1.29331
Democrat	1.794409	1.79441	1.34750



The following table represents the net gain/loss of voters from each party during this time period:

Net Gain/Loss of Voters by Party

Month	January	July	Gain/Loss	
B-Rep	108,242	109,806		1,564
B-Dem	112,743	112,542		-201
F-Rep	34,566	35,434		868
F-Dem	36,558	35,594		-964
L-Rep	175,442	176,697		1,255
L-Dem	111,911	112,338		427

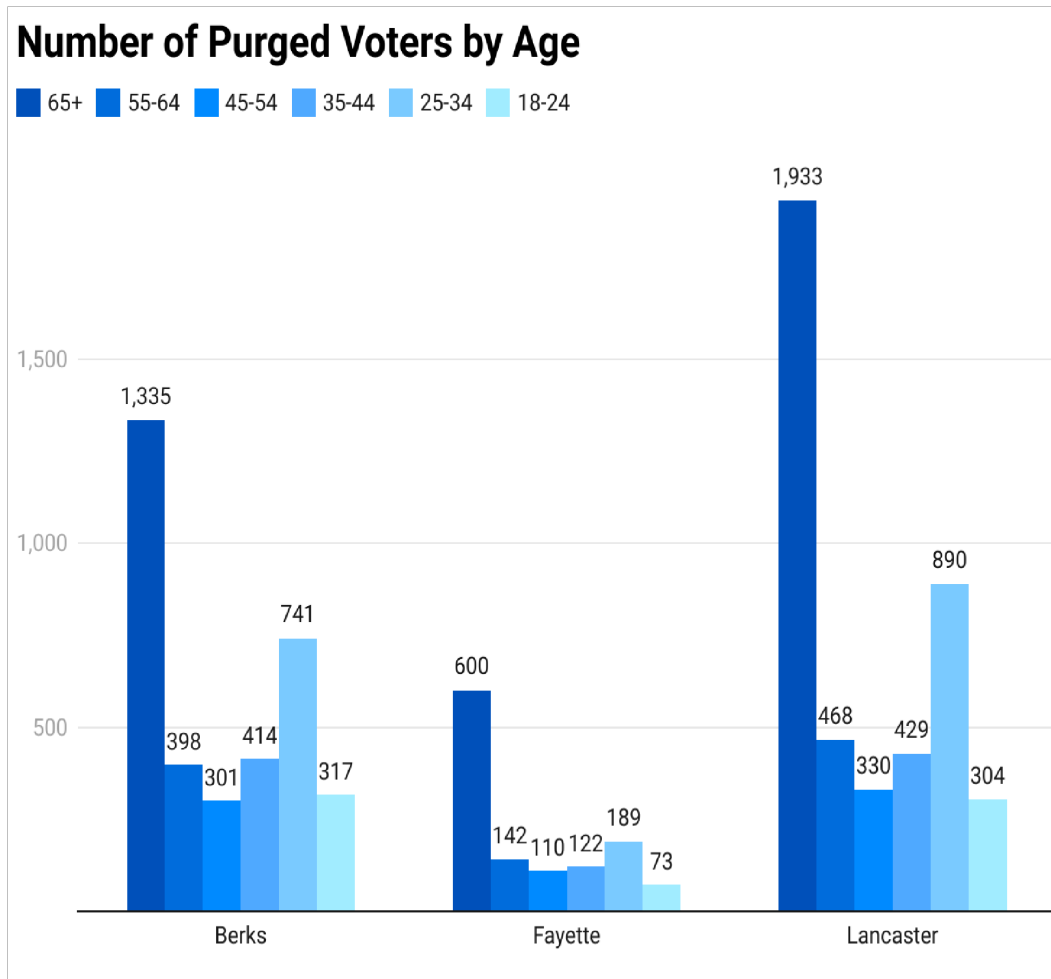
Summary:

As shown in the figures, a larger percentage of Democratic voters were purged in each of the three counties. Furthermore, Berks County and Fayette County saw net losses of Democratic voters. Republicans saw substantial gains in each county.



Age

The following chart and table shows the breakdown of purged voters by six age groups: 18-24, 25-34, 34-44, 45-54, 55-64, and 65+.



Number of Purged Voters by Age

Age	Berks	Fayette	Lancaster
65+	1,335	600	1,933
55-64	398	142	468
45-54	301	110	330
35-44	414	122	429
25-34	741	189	890
18-24	317	73	304

Summary:

As expected, 65+ was the largest age category of purged voters in each of the counties, followed by the 25-34 group. In Berks and Lancaster counties, nearly twice as many voters in the 25-34 age group were purged than in every other group besides 65+.

