

Pennsylvania 2020 General Election Mail Ballot Analysis

Executive Summary & Key Findings

Dataset Overview – 11 features, 3079710 records

This analysis examines Pennsylvania's 2020 General Election mail ballot request data, which provides detailed transactional information on absentee and mail-in ballot processing by county election offices. The dataset contains individual voter records with demographic, geographic, and timing data.

- 14.0% of ballots were never returned (431,654 ballots)
- PHILADELPHIA has the most unreturned ballots: 63,318

GEOGRAPHIC AND POLITICAL PATTERNS

Top 3 Counties by Mail Ballot Activity:

1. PHILADELPHIA: 437,159 (14.2%)
2. ALLEGHENY: 411,251 (13.4%)
3. MONTGOMERY: 273,270 (8.9%)

Concentrated in southeastern part of the state, with notable activity in both Democratic strongholds and competitive swing areas.

PARTY AFFILIATION DISTRIBUTION

Total unique parties: 206

- **Democratic (D): 63.1%** (53.5 years) - Overwhelming majority of mail ballot requests
- **Republican (R): 25.1%** (59.1 years) - Significantly lower participation
- **No Party/Other (NOP): 8.4%** (44.2 years) - Minimal independent voter participation

Congressional districts: 18

3RD CONGRESSIONAL DISTRICT has the highest frequency

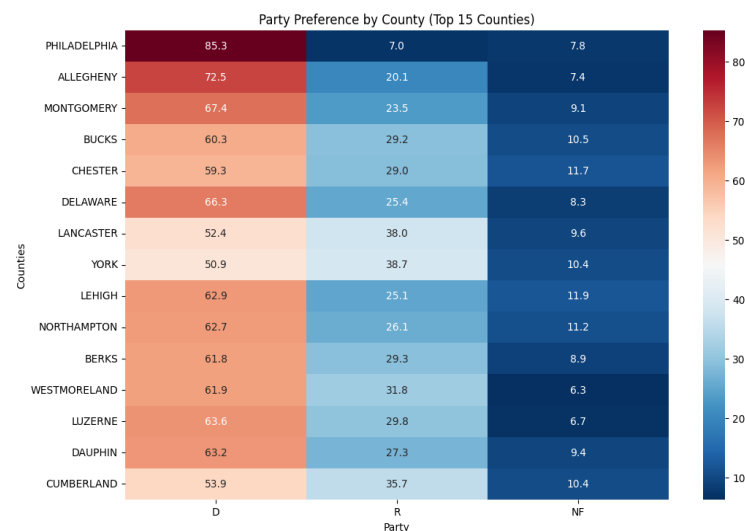
- Requests: 258,020
- Percentage: 8.4%

Response time breakdown:

- Same day: 24,188 (1.4%)
- Within 1 week: 174,752 (10.3%)
- 30+ days: 828,803 (49.0%)

Fastest district: 64TH LEGISLATIVE DISTRICT (13.0 days)

Slowest district: 62ND LEGISLATIVE DISTRICT (48.0 days)

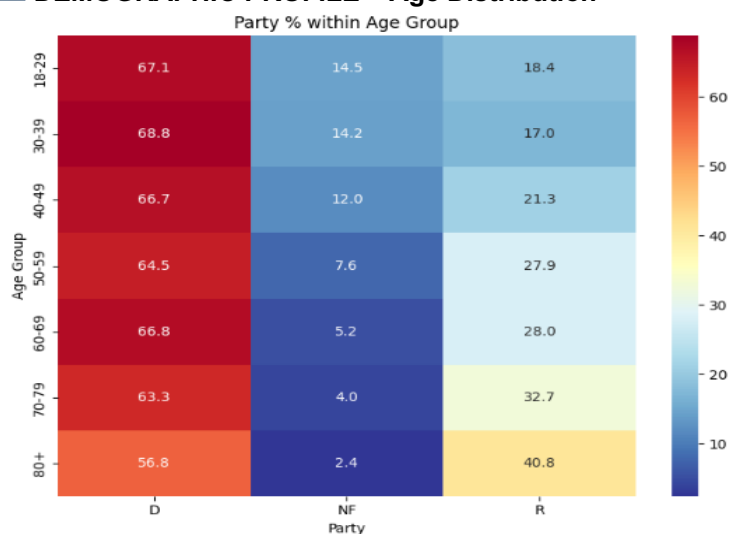


Mail Application Categories:

- **OLMAILV (50.0%)** - Online Mail-in Voter applications (most common)
- **MAILIN (35.0%)** - Standard mail-in ballot requests
- **OLREGV (15.0%)** - Online registered voter applications

Successfully processed applications through multiple channels

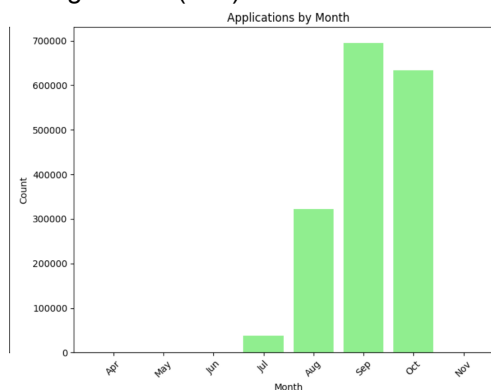
DEMOGRAPHIC PROFILE – Age Distribution



- **Average Age:** 49.5 years
- **Median Age:** 57 years
- **Age Range:** 18-79 years

Generational Breakdown:

- Seniors (65+): **35.4%** of mail voters
- Young voters (<35): **21.7%**



Period: April 2020 - October 2020, **Peak Activity:** September-October (pre-election surge)