



# POPULATION AND INCREASE DEMANDS

Law Enforcement



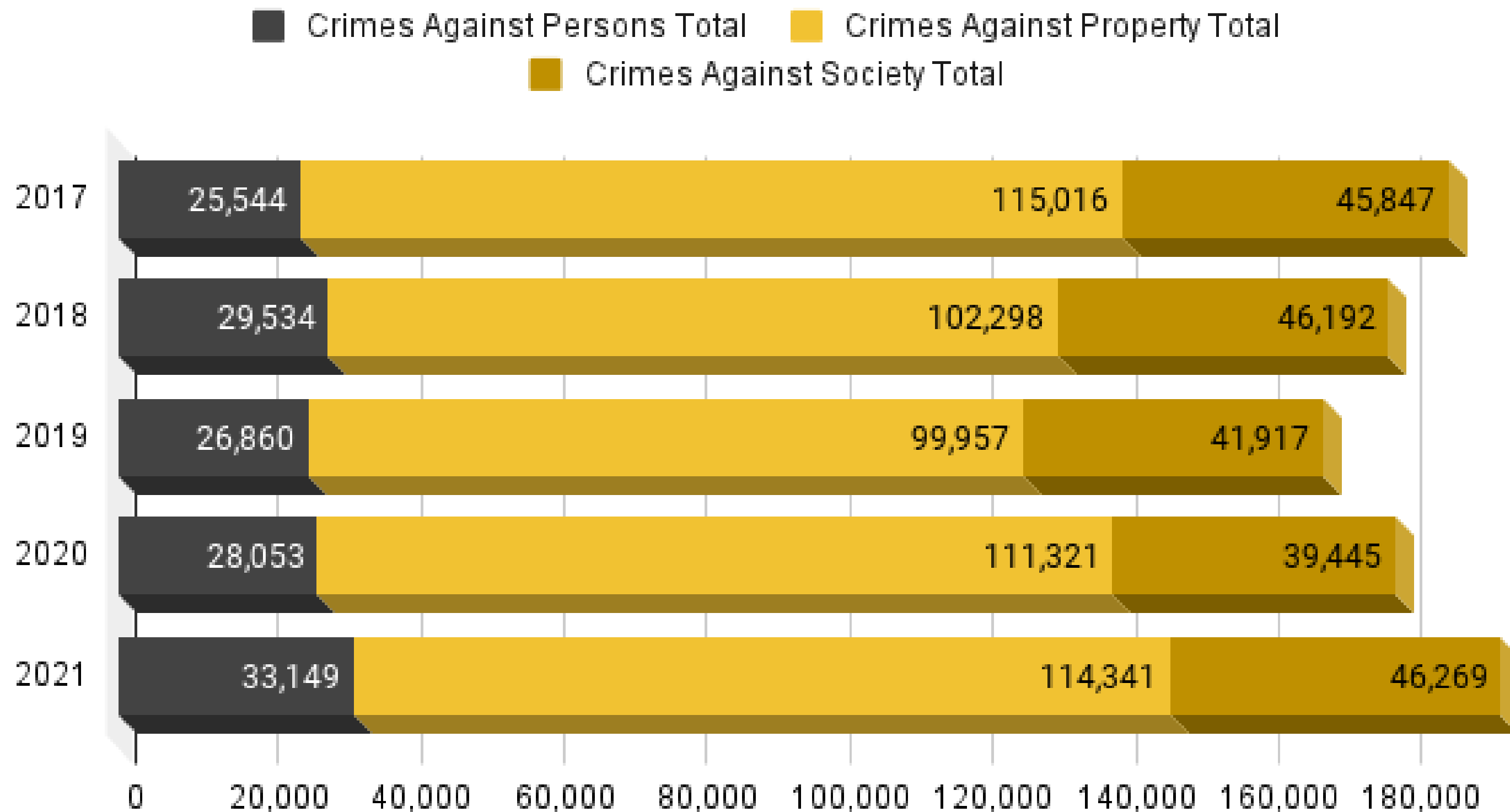


# INCREASED CRIME IMPACT WITH POPULATION GROWTH

“Utah Was Fastest-Growing State From 2010 to 2020” - Census.gov

- Percent change in population: 18.4%
- 2020 Census: 331.4 million people

Utah National Incident Based Reporting (NIBRS) Offenses Per Year

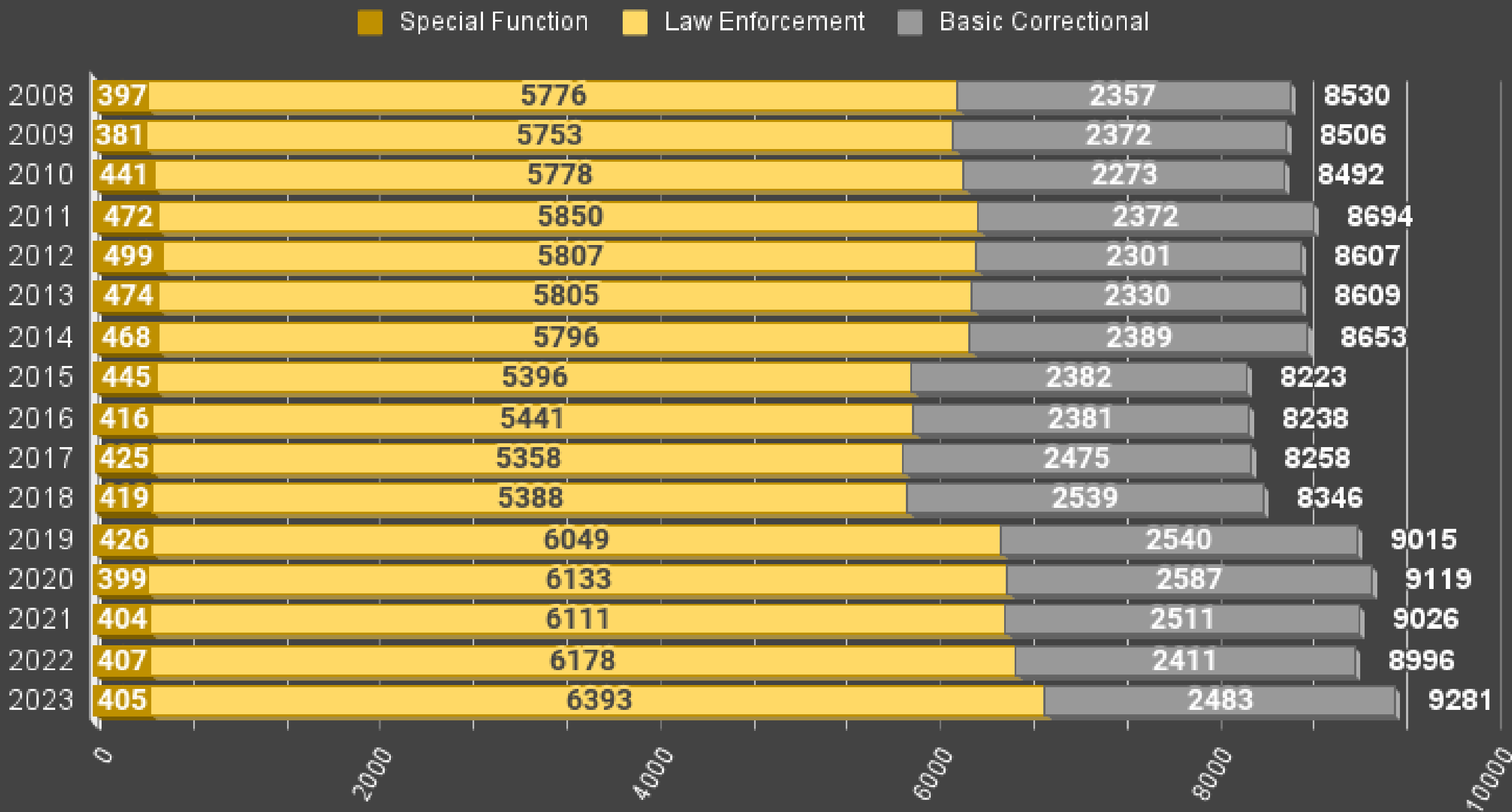


- Detailed information is stored in the law enforcement agency's Records Management System (RMS) database.
- NIBRS is maintained by the Utah Bureau of Criminal Identification.
  - It allows comprehensive analysis of yearly criminal activity.
- Utah repository data forwarded to the FBI's NIBRS repository where it is used to depict criminal activity nationwide.

# ACTIVE PEACE OFFICER POPULATION

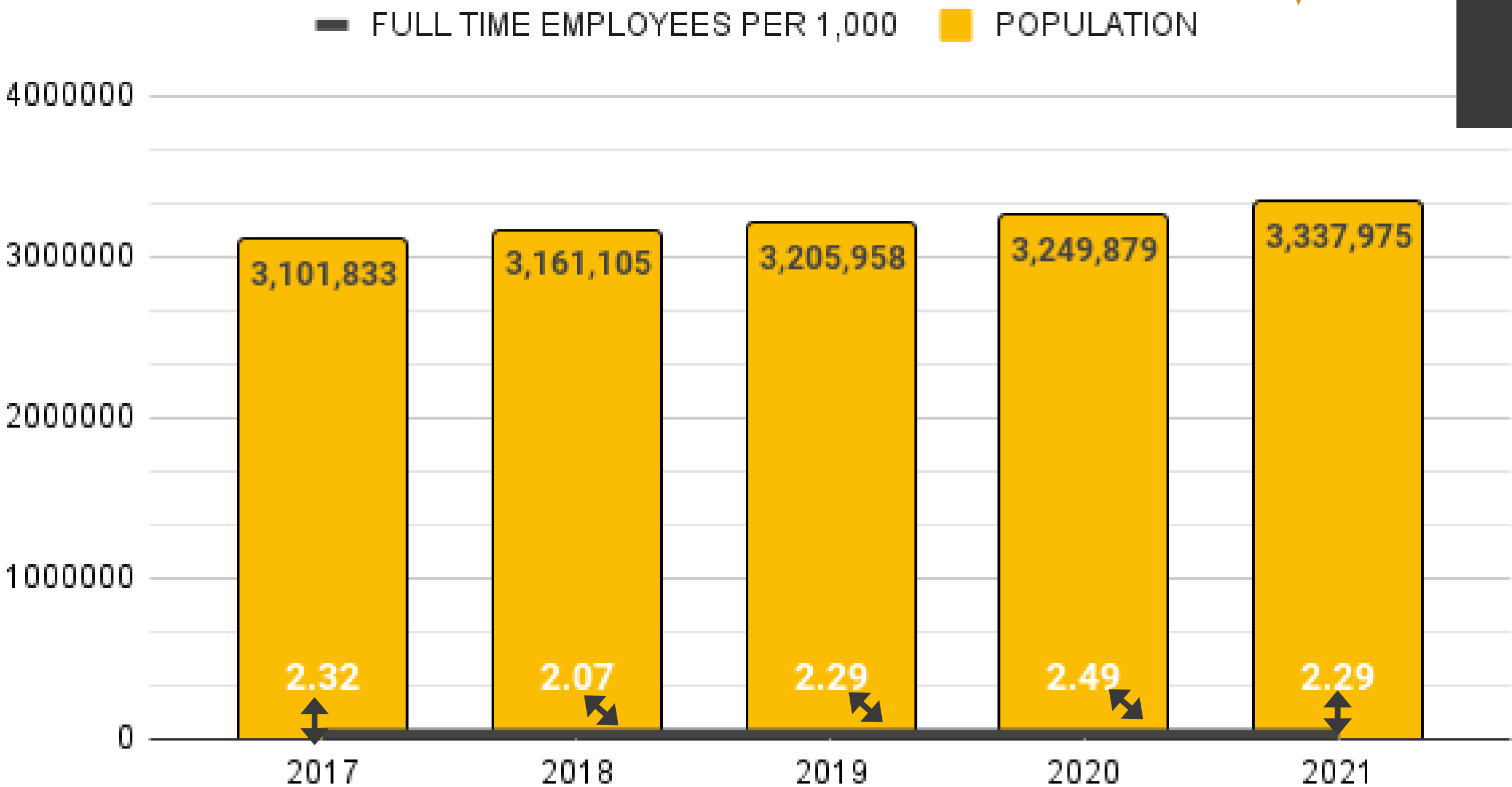
- The number of active Peace Officers (Special Function Officers, Law Enforcement Officers, and Correction Officers) in Utah has increased over 15 years.
- 2008: 8,530 to 2023 YTD: 9,281

Active Peace Officer Count Per Calendar Year



# LAW ENFORCEMENT EMPLOYEES MANAGING UTAH POPULATION

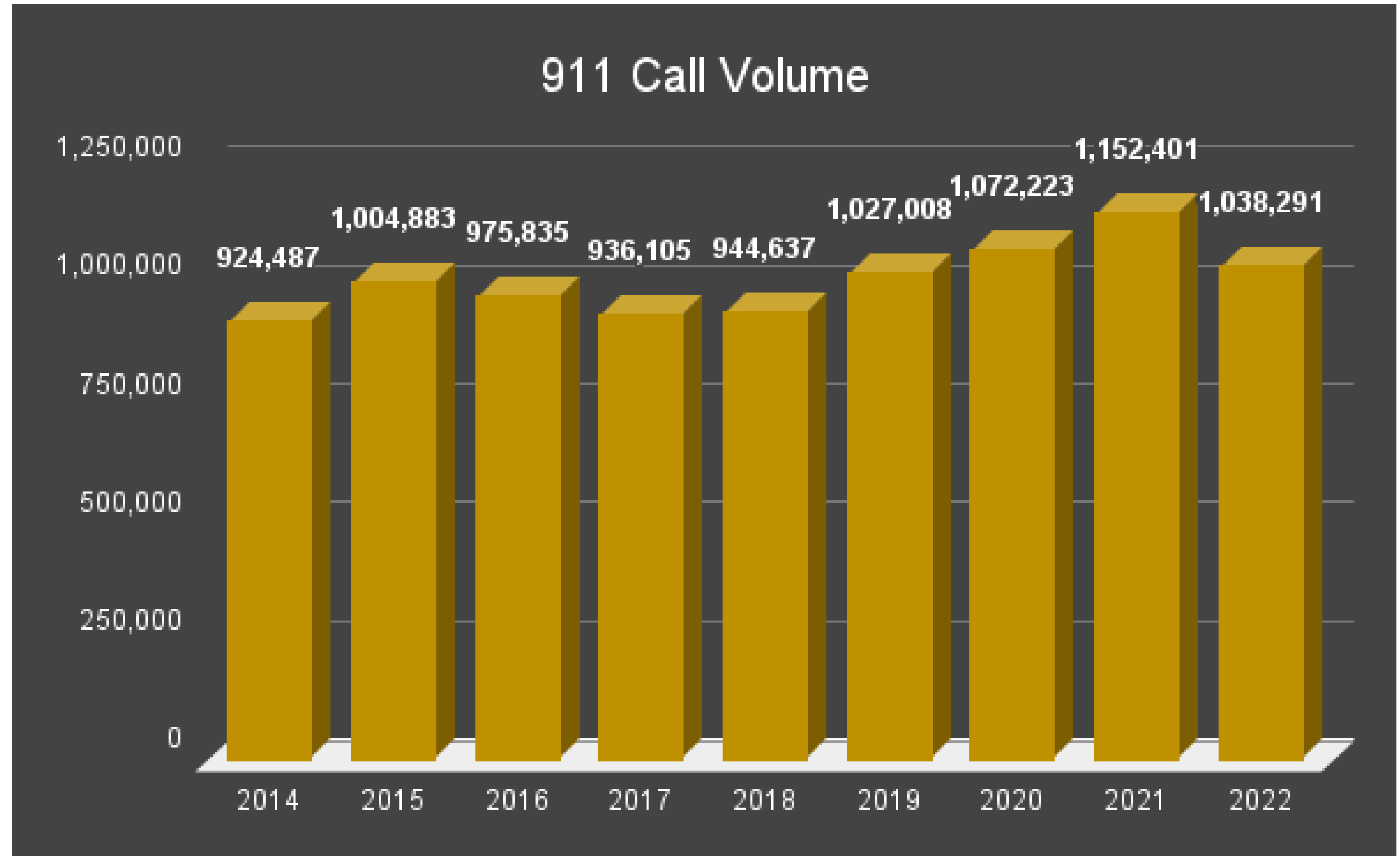
## Population v. Full-Time Employees



- Each year, law enforcement agencies in Utah report the total number of sworn law enforcement officers in their agency to the Utah Crime Report program.
  - Information is then used to identify the number of full-time employees to 1,000 people in the population.

# EMERGENCY CALL VOLUMES

- Note - Calls listed may include multiple 911 calls and calls for service. All calls for service do not originate from a 911 call. The non-emergent calls are not reflected in these numbers.
  - These numbers are intended to provide an understanding of crashes, crime, population, Vehicle Miles Traveled (VMT), and other increases.





# FUTURE STAFFING PROJECTIONS

\*Note - The following employee projections are specific to the Utah Highway Patrol and are not an indication of needs for other law enforcement agencies.

## UTAH HIGHWAY PATROL METHODOLOGY:

- Northwestern University Police Allocation & Police Staff and Command Resource Allocation Models.
- Formulas utilize obligated (reactive) vs. unobligated (proactive) time as the primary metric.
- The ideal ratio was identified as 60% obligated vs. 40% unobligated split.
- Utilizing the identified formulas, the workload and current staff size can be broken down for each UHP field section.
- Trooper needs were then identified proportionally based on workload.

## EVALUATION OF PROJECTION FOR STAFFING RESULTS FROM:

- Population data.
- VMT - Available from the Utah Department of Transportation.
  - The volume of vehicles on the roads is the primary determining factor for UHP workload.
  - This metric has proportionally outstripped field trooper growth.
- Request for service call volume - Available from the Utah Communications Authority.

\*Note - Time lag delays of one year due to agency reporting

# 2018 STUDY FOR STAFFING NEEDS - WITH REFERENCE TO 2011

\*Does not include  
specialty units

Section	2011 Unobligated	2017 Unobligated	Troopers needed for 2011	Troopers needed for 2018
1	418.52	760.83	23	29
2	409.54	799.04	24	24
3	420	673.59	25	27
4	392.6	787.77	63	60
5	572.62	543.47	13	19
6	521.48	689.79	25	34
7	320.28	721.42	18	19
8	448.57	603.69	14	16
9	364.71	630.88	17	16
10	707.21	898.72	14	18
11	685.5	597.69	12	16
12	553.85	745.39	13	18
13	662	1002.83	10	12
14	623.31	710.31	13	16

% Unobligated Time	Section	Troopers Needed for 40/60 Goal	Staff Needed For Workload	2023 Actual Staff	Troopers Needed (2023)	% Increase from Current Staff	<div>2023 STUDY FOR STAFFING NEEDS</div> <div>*Does not include specialty units</div>
37.30%	1	30.42619995	30	27	3	12.69%	
34.05%	2	35.10505633	35	24	11	46.27%	
27.96%	3	35.16827211	35	25	10	40.67%	
24.37%	4	100.5761419	101	74	27	35.91%	
35.26%	5	15.44457803	15	11	4	40.41%	
25.54%	6	52.06600787	52	34	18	53.14%	
32.40%	7	24.25047161	24	19	5	27.63%	
24.84%	8	25.12520032	25	15	10	67.50%	
37.47%	9	19.18483276	19	15	4	27.90%	
37.76%	10	19.44396193	19	17	2	14.38%	
24.07%	11	19.55257646	20	19	1	2.91%	
31.47%	12	22.74190057	23	17	6	33.78%	
33.14%	13	17.66471072	18	12	6	47.21%	
41.58%	14	19.35256284	19	17	2	13.84%	
30.45%	Total	436.1024734	436	326	110	33.77%	



# **UHP TRAFFIC SAFETY MISSION**

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## **EXPANDING RESPONSIBILITY BANGERTE HIGHWAY**

**\$1,655,900 ONE-TIME  
&  
\$3,538,100 ONGOING**



### **Problem - Why This Matters?**

- Population growth and the transition of Bangerter Highway to a limited access, high-volume freeway, has had a negative impact on the law enforcement jurisdictions and their ability to patrol the corridor.
- Travelers utilizing the road, are at risk due to a lack of sufficient safety enforcement.

### **Solution**

**Utilize UHP, as a traffic focused safety resource, to provide effective management of the highway environment.**

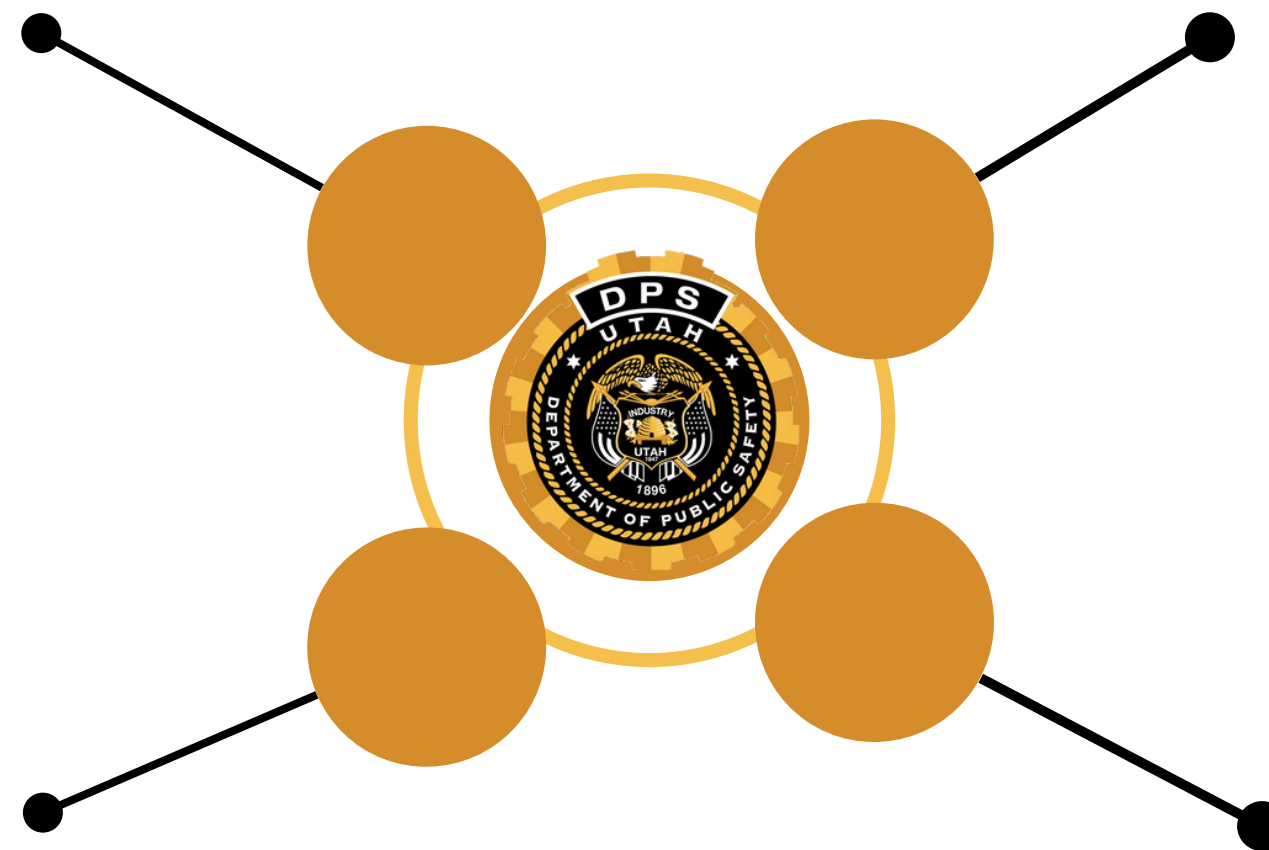
#### **Staff and Operating Costs:**

- **\$3,538,100 Ongoing**
  - **UHP/Investigations/Dispatch Staff**
    - **26 FTEs**
- **\$1,655,900 One-time**
  - **Vehicles/Equipment/Office Space**

# BACKGROUND 2021- 2023

## BANGERTE R HIGHWAY / MOUNTAIN VIEW CORRIDOR

- Local Agencies Requested for UHP to Assume Police Responsibility.
  - Transition to limited access / high-volume roadway.
- DPS / UDOT Coordination and Information Gathering.
  - Calls for Service / Crash Response / VMT.
  - In-person meetings with local agencies.



- 2022 Transportation Interim Committee Study.
  - DPS / UDOT Analysis and Proposal.
- 2023 DPS Budget Request for Bangerter Highway Implementation.
  - FY24 Appropriation - \$3,538,100.00 On-going Funding.
  - S.B.23 - Traffic Safety Amendments.

# CURRENT FY24 EVALUATION AND IMPLEMENTATION EFFORTS

## S.B. 23 IMPLEMENTATION

- UDOT/DPS State Roadway Evaluation and Coordination
  - June 5, 2023 / August 14, 2023 / September 06, 2023
- DPS Coordination with affected local agencies
  - Ongoing

## TARGET FULL IMPLEMENTATION OF OPERATIONS DURING FY25

- Ongoing Coordination with Local LE Agencies

## BANGERTE HIGHWAY IMPLEMENTATION / FUNDING

- Section 4 West Office
  - Remodel Old West Valley DLD Building - \$2.2M
- Police Vehicles / Equipment / Consoles - \$1.7M
- Hire and Training New Troopers / Dispatchers / Records Managers
  - (20) Sworn Officers
  - (5) Certified 911 Dispatchers
  - (1) Records Manager

# | FUTURE TRAFFIC SAFETY |

## | ROADWAY RESPONSE | ENFORCEMENT |

1

Davis County - West  
Davis Corridor / S.R.89

- Anticipated Completion: 2023 / 2024.
- Resource Evaluation.
  - (4) Additional Sworn Officers.
    - (6) Sworn Officers Previously Reassigned.

2

Salt Lake County -  
Mountain View Corridor

- Anticipated Completion - Current / On-going.
- Resources Evaluation.
  - (14) Sworn FTEs.

3

Washington County -  
S.R.7

- Anticipated Completion - Current / On-going.
- Resource Evaluation.
  - Estimated (2) Sworn FTEs.

4

Utah County -  
Mountain View South

- Phase 3 - TBD.

5

I-15 Corridor

- Considerations
  - Current and Future Growth / Operational Demand.
  - 24 / 7 Coverage.
- Resource Evaluation.
  - (36) FTEs.





Utah Department of Public Safety  
LECJ Interim Presentation

# Thank You

For Your Attention



[PublicSafety.Utah.Gov](https://PublicSafety.Utah.Gov)

