

Justice Systems Appropriations Subcommittee Presentation

February 2, 2021

Commissioner Stephan K. Bayens
Iowa Department of Public Safety
Oran Pape Office Building
215 East 7th Street
Des Moines, Iowa 50319-0049





STRENGTHENING IOWA'S COVID-19 RESPONSE

As the COVID-19 pandemic continues to reshape Iowa, the Department of Public Safety has adjusted operations to undertake additional duties and responsibilities to serve all Iowans. DPS has delivered PPE throughout the State; provided security at remote testing sites; developed cybersecurity tips for citizens; participated in traffic enforcement initiatives; issued weapons permits and provided guidance to law enforcement agencies, businesses, and the general public as Governor Reynolds signed executive orders.



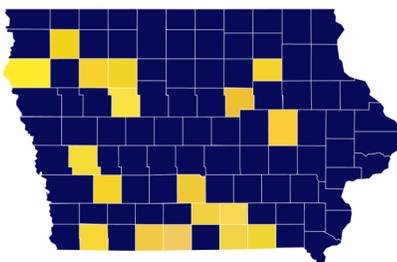
Law Enforcement Guidance



Governor Reynolds signed more than 34 proclamations over the course of the COVID-19 pandemic. DPS staff reviewed each proclamation and disseminated a synopsis and guidance to local law enforcement agencies and the public.

Topics ranged from gathering restrictions, to weapons permits, to school and business closures, to estimating business occupancy.

All divisions and bureaus of DPS were responsive to Iowa's law enforcement community and the public as each daily challenge emerged.



 PPE Deliveries

The Iowa State Patrol continues to assist the State's Emergency Operations Center by delivering PPE to local hospitals in 81 counties, as well as COVID-19 testing sites, county emergency managers, and others in need across the state. DPS was also proactive in protecting the health and safety of our own employees by aggressively securing PPE for our front line staff. DPS has established the necessary supply chains to procure more PPE as needed, so we can continue to perform our core law enforcement duties as safely as possible.

355 MISSIONS



Since the inception of the first TestIowa site, DPS worked closely with our local law enforcement partners to staff an officer at all sites throughout the state. DPS remains committed to assisting our state and local partners in ensuring the safety of all Iowans.

Personal Protective Equipment

31,900+ Miles Transporting PPE
Equal to driving LA to NY 13x





"Like most Iowans, our personnel were compelled to adjust to the COVID-19 pandemic. We were forced to change how our mission was carried out, but our daily commitment to public safety never wavered. I cannot be more proud of the way we faced this challenge and stood shoulder to shoulder with our First Responder partners in keeping Iowans safe."

**DPS Commissioner
Stephan Bayens**

Traffic Trends YTD

While traffic volumes and fatalities dropped at the pandemic's start, both have risen dramatically. We have also seen a significant increase in dangerous driving behavior. The Iowa State Patrol has remained vigilant, and continues to focus on enforcement initiatives and public education efforts through the creation of a multi-agency Traffic Fatality Reduction Task Force.



PURSUITS

**25+ MPH OVER
SPEED LIMIT**

**100 MPH OR
GREATER**

81%

74%

108%

(12/17/2020 data compared to 4-year avg.)



73%

(3/1-12/16/2019 to same dates in 2020)

187%

258

Bomb & Arson callouts since March 1



Crime Trends

While much of Iowa stayed home and limited their interactions, DPS increased their workload and efficiency in many areas of operation. September alone saw a one-month high of 35 death investigations – including 9 officer-involved shootings. Regardless of the challenge...

DPS ANSWERED THE CALL.

MCU DEATH INVESTIGATIONS



21%

(3/1-12/31/2019 to 3/1-12-18/2020)

DCI LAB ASSIGNMENT COMPLETIONS



15%

(4/1-12/15/2019 to same dates in 2020)

DNA RESULTS TURNAROUND

55 Days '20



(4/1-12/15/2020)

218 Days '19



(4/1-12/15/2019)

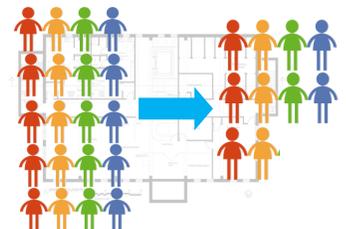
**1,739
CyberTips**

(Mar. 1-Nov. 20, 2020)



Estimating Occupancy Guidance

As Governor Reynolds reopened certain businesses and establishments with reduced capacity, the Department provided guidance to owners and managers in estimating unofficial occupancy calculations.



FY' 21



GOALS + INITIATIVES

DPS is focused on the following goals and initiatives in an effort to provide unwavering public safety services to Iowans.

UNDER 300 FATALITY REDUCTION

- The primary goal of the Iowa State Patrol is to reduce traffic fatalities and preventable deaths by concentrating on Seat belt use, Impaired driving, Distracted driving, and Excessive speeding. By getting the public to S.I.D.E. With Us, we aim to reduce traffic-related fatalities to below 300 annually. Like many other states, Iowa has experienced a tremendous increase in the number of egregious (100 mph+) and excessive (25 mph+) speed violations. Reduced traffic volumes due to COVID-19 have dissipated, and fatalities are again on the rise. To further address dangerous driving behaviors, we are partnering with state, local and federal partners to launch a Traffic Fatality Reduction Task Force in January of 2021.



EQUIPMENT BUDGET

The Iowa Department of Public Safety is uniquely dependent upon equipment as each sworn member must be individually equipped to perform their core duties. Approximately 98% of the Department's annual budget is dedicated to salaries and benefits, motor vehicle purchases, and infrastructure obligations. The remaining 2% must cover all other equipment costs. These equipment costs include uniforms, firearms and ammunition, radios, dash cameras and all other necessary investigative equipment unique to our areas of operations. The current cost to fully outfit a single Trooper is in excess of \$80,000.



CYBER SECURITY ADVANCES

Cyber crime is rapidly becoming a principal element of criminal activity nationally and in Iowa. Law enforcement must have the requisite specialized training and equipment to meet this growing need. Although these investigations present increasingly novel and daunting challenges as technology advances, law enforcement must stay one step ahead in order to remain effective at thwarting digital threats. Law enforcement throughout Iowa are ill equipped to respond to these challenges and local jurisdictions are turning to DPS with increasing frequency for assistance.



SCHOOL SAFETY PROGRAM

K-12 school safety is critical to producing inquisitive learners, and students can only thrive if first are protected. We are committed to taking steps to provide the necessary training and assistance to assist every school, regardless of its size, to provide safe learning environments. The Iowa Department of Public Safety and the Department of Education continue to work together to assist Governor Reynolds in launching the first-ever Iowa Governor's School Safety Bureau. This Bureau will focus solely on providing the needed resources and expertise to assist Iowa's 327 school districts and law enforcement partners in keeping students, faculty and staff safe.



HUMAN TRAFFICKING TRAINING

Beginning January 1, 2022, Iowa House File 2259 will mandate lodging providers complete human trafficking prevention training and reporting for all employees in order to receive state business. The training will be developed and delivered to lodging providers by the Department's Office to Combat Human Trafficking, and may be performed by a governmental agency or a community organization with expertise in human trafficking. DPS must then certify and audit that each lodging provider has provided the requisite training to its staff.

FY' 21



DPS HORIZON ISSUES



While the future of DPS is bright, significant challenges loom on the horizon.



RECRUITING

The lifeblood of any public service agency lies in the quality of its people. Law enforcement agencies across the nation are struggling to find high-character individuals with a heart for public service. Cultural perceptions, lagging benefits, and the inherent danger in our duties are deterring individuals from considering a career in law enforcement. Over the last 10 years, we have seen a 74% drop in applicant numbers. Additionally, nearly 50% of our sworn personnel are eligible to retire within the next 10 years. Our recruitment efforts continue to focus on adapting to the changing views held by younger generations on the value of dedication and leadership, and evolving notions of job satisfaction. We remain focused on applying new and innovative recruitment efforts to attract, hire and retain top-tier employees.



WELLNESS

Physical and mental wellness is the cornerstone of sustainable public safety service. Over the last few years, law enforcement suicides have outnumbered line of duty deaths for the first time since such data became available. We must provide unique care for our people so they are equipped to handle the enormous amount of work related stress they endure. The Department's Peer Support and Critical Incident Stress Management programs are designed to ensure our personnel not only thrive professionally, but personally. We must continue to broaden these services and our view of wellness to include family members as they too bear the stress and burdens faced by their loved ones in law enforcement.



EQUIPMENT & TRAINING

The quality of our equipment and training bears directly upon the health and safety of our people and their ability to provide superior courtesy, service, and protection to all Iowans. Equipment designed to protect the protectors must remain a priority. Additionally, the advancement of technology has transformed the manner in which crimes are committed and investigated. We must remain on the cutting edge of technology if we are to effectively pursue justice for those deserving of it. Our training must be well-balanced between providing critical officer-safety skills, superior investigative techniques, and the need to better understand the communities we serve.



SUPPORT

It is important to lift up the brave men and women who sacrifice to serve and protect us. During these unsettling times, we've seen a significant increase in social unrest, in calls to defund law enforcement, and in efforts to undermine the health and safety of our officers. Support from our community and state leaders is more appreciated and critical than ever before. As we discharge our duties, we must always strive to uphold the honor and trust bestowed upon us. We must continue to earn the respect and confidence of our fellow Iowans. As we prepare to rise up to meet unforeseen future challenges, it's gratifying to know the risks we take and professionalism we embody will be met with the appreciation, validation and support of our strongest allies.



DPS BUDGET ANALYSIS

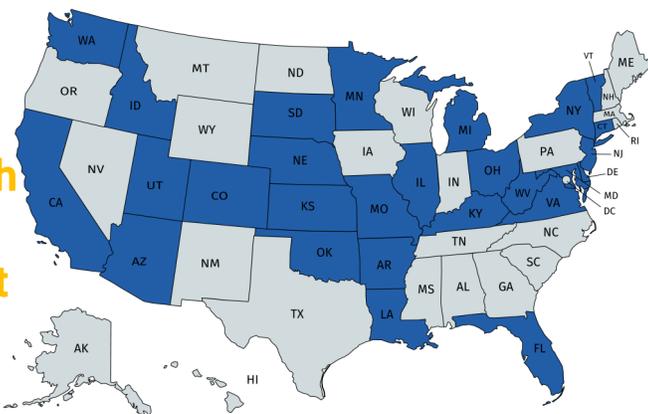
The Department's budget supports six divisions and several bureaus that provide statewide public safety services. DPS is uniquely dependent upon equipment as each sworn member must be individually equipped to perform their core duties. While approximately 98% of the Department's annual budget is dedicated to salaries and benefits, motor vehicles and daily operations, the remaining 2% must cover all other equipment costs. Due to increasing fixed costs and the reverting nature of funding, current appropriations will not keep pace with 15-year projections for equipment replacement.



HOW THE DPS FY2021 BUDGET WILL SPEND



States with
Additional
Equipment
Funding
Sources



EQUIPMENT

LONG-TERM OUTLOOK

Because DPS equipment has varying lifecycles, equipment replacement purchases typically fluctuate yearly.

Based on current projections, the Department will need \$5.5 million annually to meet equipment obligations over the next 15 years.



ESTIMATED COST TO EQUIP IOWA STATE PATROL TROOPERS — FY 2021

The Iowa Department of Public Safety is uniquely dependent upon equipment as each sworn member must be individually equipped to perform their core duties. Approximately 98% of the department's annual budget is dedicated to salaries and benefits, motor vehicle purchases, and infrastructure obligations. The remaining 2% must cover all other equipment costs.

TOTAL EQUIPMENT COST:
\$82,452

**PORTABLE
RADIO — \$5,753**

**UNIFORM
& OUTERWEAR — \$3,694**

*Shirts, trousers, hats, belts, boots,
gloves, raingear, coats, badges*

**ARMORED
VEST — \$890**

TASER — \$1,321

**FIREARMS &
AMMUNITION — \$2,072**

Glock, rifle, shotgun, holsters, cases

**OTHER KEY TROOPER
EQUIPMENT — \$3,543**

*Portable breath test, gas mask,
binoculars, drug interdiction test kit,
digital camera, batons, flashlight,
restraints, etc.*

VIDEO CAMERA — \$5,578

VEHICLE — \$25,934

**LAPTOP
& ACCESSORIES — \$6,315**

RADIO — \$10,081

**OTHER KEY VEHICLE
EQUIPMENT — \$17,271**

*Lights/siren, push bumper, radar,
scanner, maintenance/fuel, etc.*

**FULLY UPFITTED
PATROL VEHICLE — \$65,179**





IOWA STATE PATROL

The Iowa State Patrol's primary mission is saving lives through traffic enforcement. The State Patrol is uniquely positioned to respond and provide sustained assistance to local agencies during large scale events, critical incidents, or natural disasters occurring in our state. Historically, these events have included prison disturbances, high-risk warrant execution, tornadoes, flooding and dignitary visits.



2020 Traffic Safety Initiatives

- Unbelted Drivers: **6,654** Citations
- Impaired Drivers: **1,338** Arrests
- Districted Driving: **865** Citations
- Excessive Speed: **73,639** Citations
- 25 mph +: **Up 74% over 4-year average**
- 100 mph+: **Up 108% over 4-year average**

2020 Outreach/Assistance

- **15,782** Motorist Assists
- **1,607** Public Resource Officer Presentations
- **122** Airwing Assistance Missions
- **13** Critical Incident Debriefings
- **78** Tactical Team Callouts
- **51** Negotiator Callouts

Drive Safe Iowa: The Power Is In Your Hands

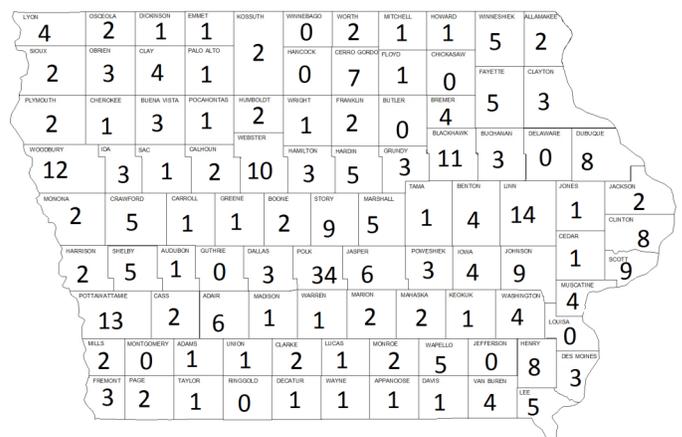
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Like many other states, Iowa has experienced a tremendous increase in the number of egregious (100 mph+) and exces-

sive (25 mph+) speed violations. Reduced traffic volumes due to COVID-19 have dissipated, and fatalities are again on the rise. To further address dangerous driving behaviors, we partnered with the DOT, and local and federal partners to launch a 2021 Traffic Fatality Reduction Task Force.

2020 TRAFFIC FATALITIES





DIVISION OF CRIMINAL INVESTIGATION

The Division of Criminal Investigation (DCI) was created on April 9, 1921 to provide investigative support and expertise to law enforcement agencies across the state. Today, the division is comprised of four functional areas: the Criminalistics Laboratory, the Field Operations Bureau, the Special Enforcement Operations Bureau, and the Support Operations Bureau.

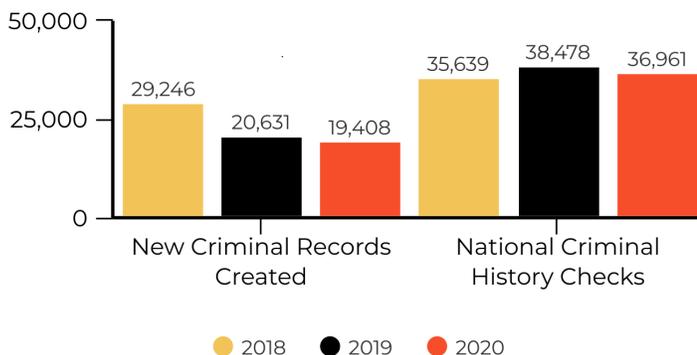


Special Enforcement Operations Bureau

- **19** Licensed Facilities
- **2,006** Background Investigations
- **4,277** Incidents*
**Criminal investigations, arrests, calls for service*
- **401** Casino Suspicious Activity Report Reviews*
**Title 31 Bank Secrecy Act filings*
- **FY2020 – Addition of Sports Wagering**



Criminal History Checks



Support Operations Bureau



243,835

2020 State Criminal History Checks



CYBER CRIME BUREAU – \$1,500,000

Technology crimes and digital evidence are rapidly growing concerns for law enforcement agencies as a “digital crime scene” is present in nearly all investigations. While the DCI’s Cyber Crime Unit – *Internet Crimes Against Children Task Force (ICAC)* – focuses on the burgeoning volume of child sexual exploitation cases, a more comprehensive approach is needed to address the increasingly broad reach of the digital world. The creation of a Cyber Crime Bureau would dedicate resources and provide a long-term public/private/academic strategy to pursue, collect and analyze digital evidence.



CYBER CONNECTIONS RUN DEEP

The Division of Criminal Investigation launched its Cyber Crime Unit in 2004 to conduct child sexual exploitation investigations through its involvement with the ICAC Task Force. Current efforts focused on cyber threats against children represent the tip of the iceberg.

Threats to the greater public are also transmitted and stored on personal devices that harbor criminal communications, social media, internet searches and images. Traditional crimes generate cyber trails too. Even a public Zoom meeting can be hacked, generating a digital footprint for investigators to track.



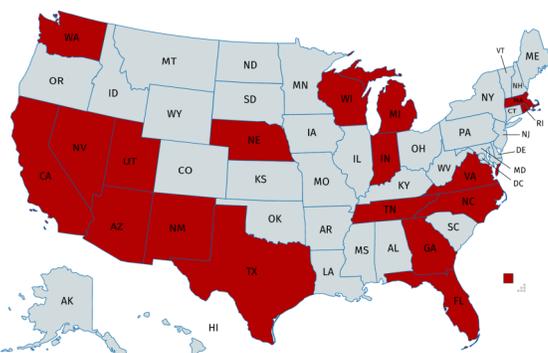
Data retrieved and evaluated from personal electronic devices and storage devices that measured gigabytes (GB) in early cases, has exploded to petabytes (PB) – the equivalent of one million gigabytes.



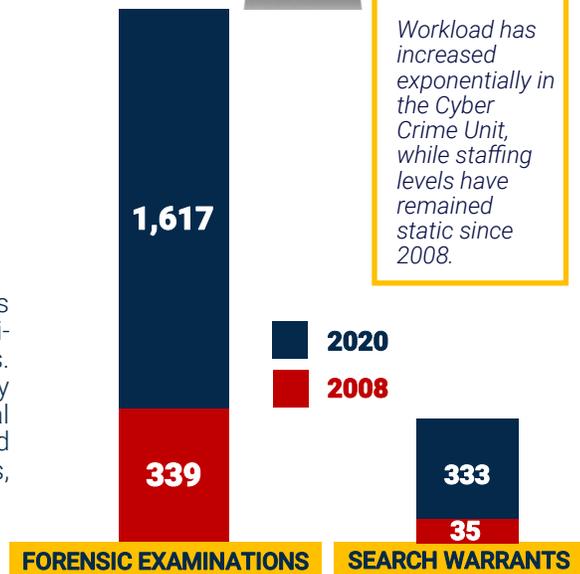
WORKLOAD GROWTH



Workload has increased exponentially in the Cyber Crime Unit, while staffing levels have remained static since 2008.



A total of 18 other states have stand-alone, multi-disciplinary cyber units. These states are widely considered the national leaders on cyber-related issues, investigations, and responses.





CRIMINALISTICS LABORATORY STAFFING - \$437,736

The greatest challenge facing the laboratory over the next several years is identifying ways to reduce backlog and turnaround times, while also improving capabilities to meet the forensic needs of our stakeholders in law enforcement and prosecutor offices. In CY2020, 18,359 case assignments were created, with submissions coming from 369 law enforcement agencies. During that same time, 19,727 case assignments were completed by the Criminalistics Laboratory, with analysis reports provided to 375 Iowa law enforcement agencies and every prosecutor's office in Iowa.

Major Casework Disciplines	Total Backlog (Dec. 31, 2020)	>30 Day Backlog (Dec.31, 2020)	CY2020 Average Turnaround Time (# of Days)
DNA	283	150	78
Drug Chemistry	1013	472	77
Firearms / Tool Marks	516	421	128
Impression Evidence	121	61	42
Toxicology	427	89	46



DNA Successes

- The Criminalistics Laboratory continues to make progress in reducing DNA turnaround times. The average turnaround time for all of CY2020 was 78 days compared to an average of 212 days the previous three years. In the final four months of CY2020, the average was 51 days.
- Methods were also developed and implemented to analyze the concentration of THC in cannabis plant material.

DNA RESULTS TURNAROUND

CURRENT 51 Days **PREVIOUS 212 Days**



(2020)



(2017-2019)

Staffing Request

- With a staffing level of four, 25,915 items of evidence (18,359 case assignments) were processed by the Lab's evidence room. In 2006, the evidence room was staffed with six evidence technicians and processed 13,610 assignments. Low staffing in the evidence room directly impacts turnaround times in all areas of the lab.

REQUEST: Add two technicians to the evidence room to address delays in evidence intake.

- Over the past year, the Criminalistics Laboratory has added significant capability to provide analytical services for drug toxicology in blood. As demand for this service grows, toxicology turnaround times have nearly doubled.

REQUEST: Add two toxicology criminalists positions to help bring down turnaround times.

- In 2007 the Impression Evidence Section of the Criminalistics Laboratory was staffed with six criminalists compared to the current level of five. Several of those five are involved with crime scene processing which takes them away from their work in the lab. Additionally, training new examiners takes approximately two years, and is conducted by existing criminalists.

REQUEST: Add one impression evidence criminalist to alleviate the current staffing shortage and to prepare for impending retirements.



DIVISION OF INTELLIGENCE & FUSION CENTER

The Division of Intelligence (DOI) coordinates information sharing related to criminal activity throughout the state. DOI also supports state, local, and federal agencies with analytical and technological assistance. The Office to Combat Human Trafficking is housed in DOI. The Office to Combat Human Trafficking acts as a primary point of contact on the State's effort to combat human trafficking and assists law enforcement in responding to tips.



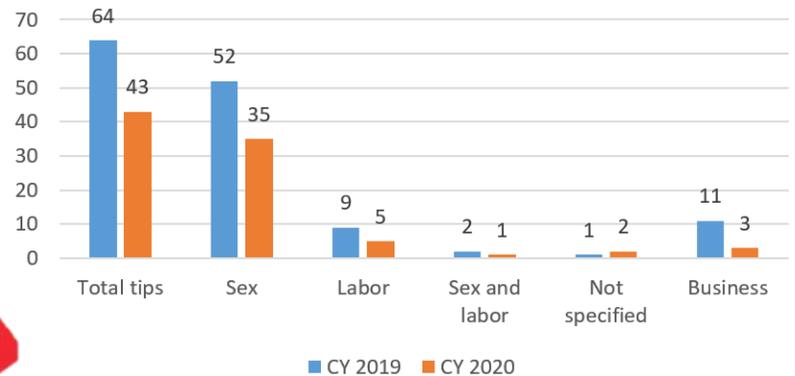
Equipping Local Law Enforcement

Requests for Information	15,862
Daily Intelligence Summaries	2,917
Investigative Case Support	457
Technical Support / Deployments	727
Locate (Fugitives / Threat to Life)	22



Human Trafficking

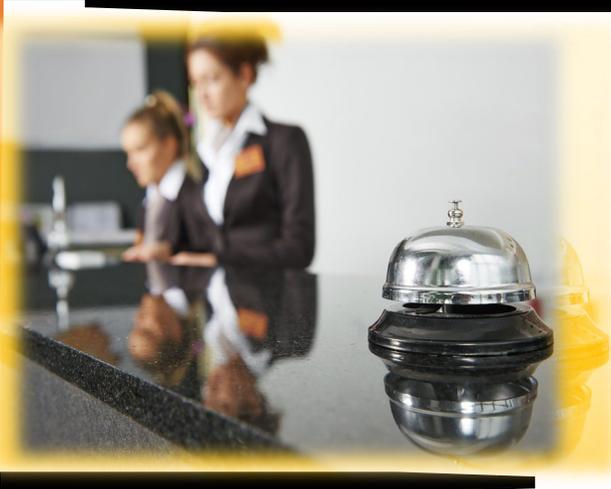
National Human Trafficking Hotline
Tips Related to Iowa





HUMAN TRAFFICKING PREVENTION TRAINING AND CERTIFICATION — \$190,000

Beginning January 1, 2022, Iowa House File 2259 will require lodging providers who do business with the State of Iowa to obtain a certification from the Department of Public Safety demonstrating their completion of human trafficking prevention training and reporting for all employees. The training may be developed and delivered to lodging providers by the Office To Combat Human Trafficking, a governmental agency or non-governmental or community organization with expertise in human trafficking.



CORE TRAINING CONTENT

<p>The difference between labor trafficking and sex trafficking</p>	<p>How to report suspected human Trafficking</p>
<p>An overview of state law on human trafficking, as well as the definition of human trafficking and the commercial exploitation of children</p>	<p>How to recognize:</p> <ul style="list-style-type: none"> • Potential human traffickers • Potential victims • Activities commonly associated with human trafficking

“Iowa has a unique perspective on the human trafficking problem given our location and infrastructure, but together we can provide employees with the knowledge to quickly and accurately identify and respond to human trafficking in the lodging industry.”

DPS Commissioner
Stephan Bayens



Certification is valid for three years from the date the DPS certification is issued.

For more human trafficking resources, visit the Iowa Office to Combat Human Trafficking:

<https://dps.iowa.gov/divisions/intelligence/human-trafficking>

1,011
lodging providers in Iowa

The Iowa Department of Public Safety will be responsible for providing training, a certification process, and maintenance of a public website identifying those lodging providers that have completed the required training.



STATE FIRE MARSHAL

The State Fire Marshal Division, established in 1911, is the oldest of the Department's six divisions. Our mission statement is "Through promotion and enforcement of fire safety regulations, training, building code provisions, and arson investigations, this division helps reduce the loss of life and property by fire."



Fire Prevention Inspections Bureau



Inspections at all school buildings increased from **57% to 88%**

Fire Service Training Bureau



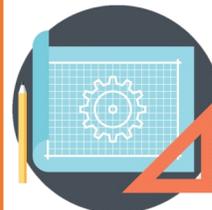
582 coordinated training programs reaching **9,307** firefighters
2,236 Written Exams

Electrical Licensing & Inspection Bureau



13,455 Permits
23,008 Electrical Inspections

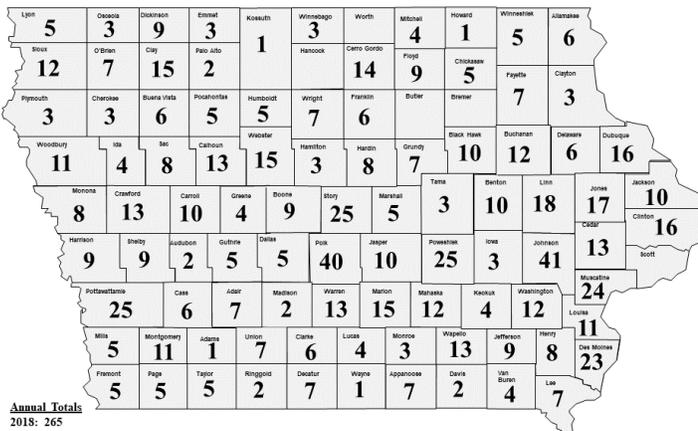
Building Code Bureau



\$1 Billion Project Valuation
900 Plan Reviews

Arson & Explosives Bureau

2018-2020 Case Totals



Annual Totals
2018: 265
2019: 282
2020: 307



70% of Iowa fire fatalities investigated by SFM



307

2020 Bomb & Arson Callouts



ANNUALIZED SUPPORT AND MAINTENANCE - \$70,000

DPS is requesting funding for annualized costs associated with both the Uniform Crime Reporting Program and the Private Investigative, Private Security and Bail Enforcement Programs.

- Federal funding was received for technology enhancements; however, the funding did not provide for annualized expenses.
- The newly acquired data management system will ensure the timely and efficient processing of approximately 5,000 security, bail enforcement, and private investigation employees annually.
- The new (I-Crime) system replaces a COBOL mainframe, and allows the DPS to effectively capture crime data from Iowa's law enforcement agencies for submission to the FBI's Uniform Crime Reporting Program.



CLOUD ARCHITECT - \$93,975

DPS is seeking funding for a Cloud Architect in the Information Technology Solutions Bureau (TSB).

- DPS is the primary state law enforcement entity charged with providing services and support to an array of local, county, state, and federal stakeholders. These stakeholders depend on the Department's technology enterprise on a daily basis.
- DPS is positioning itself to modernize overall IT infrastructure through a cloud computing strategy.
- Many of the technologies and implementations are unique to a public safety enterprise and requires a newly created Cloud Architect position. This position would work closely with the OCIO to begin migrating DPS to a cloud environment.
- Migrating to a cloud environment will provide long-term infrastructure cost savings, enhanced security, IT infrastructure modernization and greater productivity.

