

# Division of Mine Safety



Timothy L. Fugate  
Director



# Mission Statement



- ◆ To ensure that all coal miners in the Commonwealth are provided with a safe working environment; to provide effective education and training to coal miners to foster safe work practices; and to ensure that statutes and regulations regarding coal mining are enforced fairly and consistently throughout the Commonwealth.

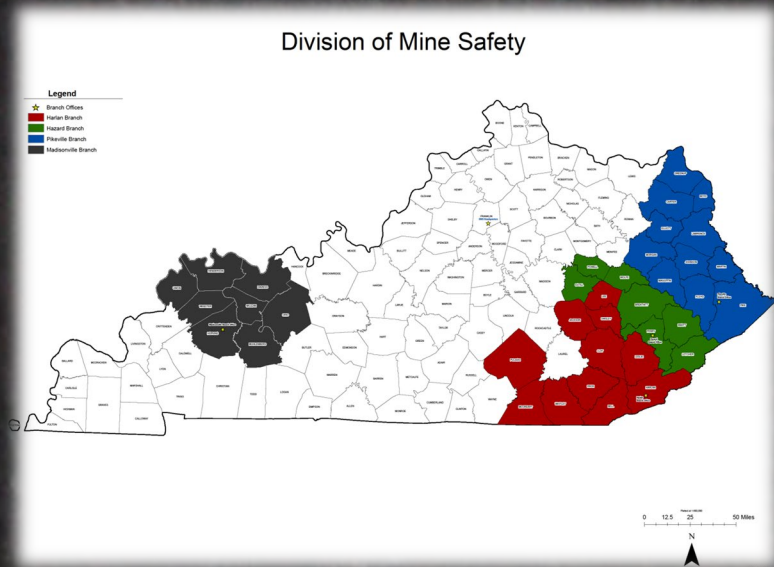


# KRS 351.101 Declaration of Legislative Finding of Fact

- ◇ (1) The highest priority and concern of the Commonwealth must be the health and safety of the coal industry's most valuable resource, the miner.
- ◇ (2) The continued prosperity of the coal industry is of primary importance to the state.
- ◇ (3) A high priority must be given to increasing the productivity and competitiveness of the mines in this state.



# Office Locations



- ◇ The Division: has 4 branch offices across the state
- ◇ Eastern Region: Harlan, Hazard & Pikeville
- ◇ Western Region: Madisonville
- ◇ Central Office: Headquarters in Frankfort



# Serving the Mining Industry



Surface Mining



Underground Mining



# Training & Certification

- DMS offers mining courses free to Kentucky coal miners throughout the state. Each of the four branch offices provide training and testing, led by qualified instructors
- DMS has utilized the ability to teach both in person and online courses to meet the needs of the industry
- Students Trained, Federal grant year,  
2020 – 8,875 trained  
2021 - 5,267 students trained





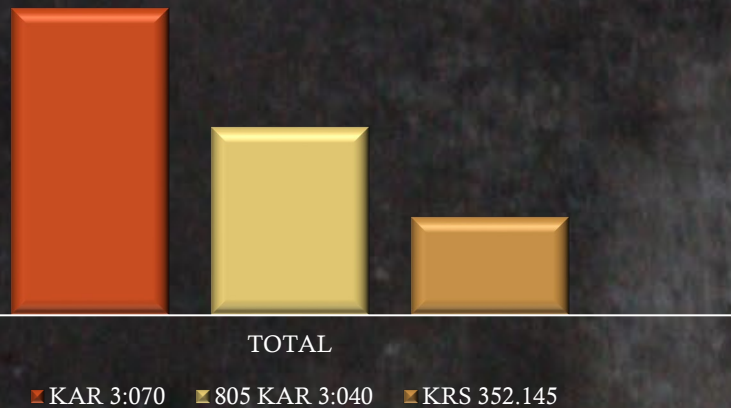
# Inspection of Mines





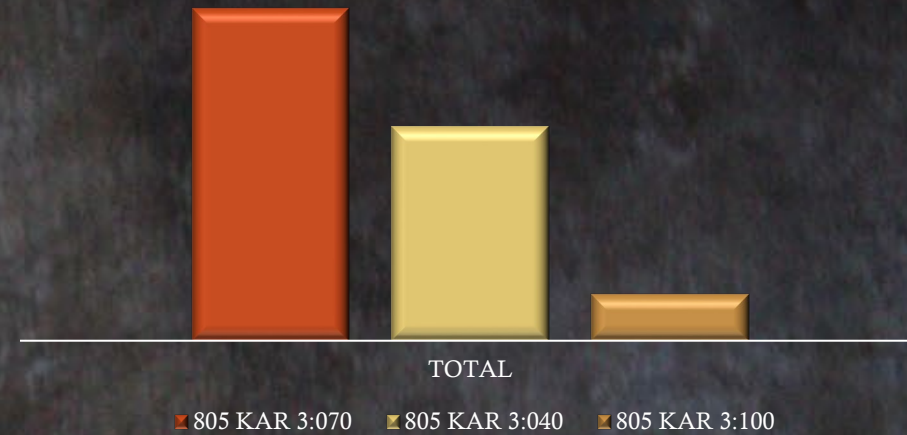
# Surface - Field Citations Issued

2020 Surface



1. Loading Hauling & Dumping
2. Personal Protective Equipment
3. Work Near Hazardous Conditions

2021 Surface

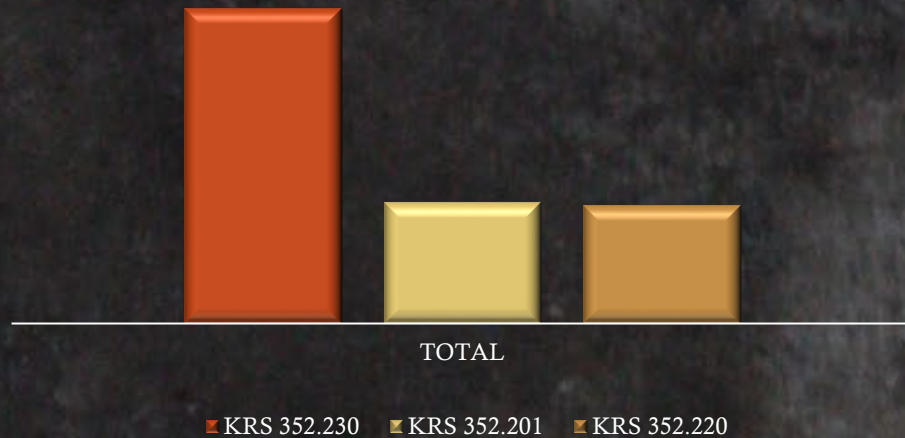


1. Loading Hauling & Dumping
2. Fire Prevention & Control
3. Equipment Use & Operation



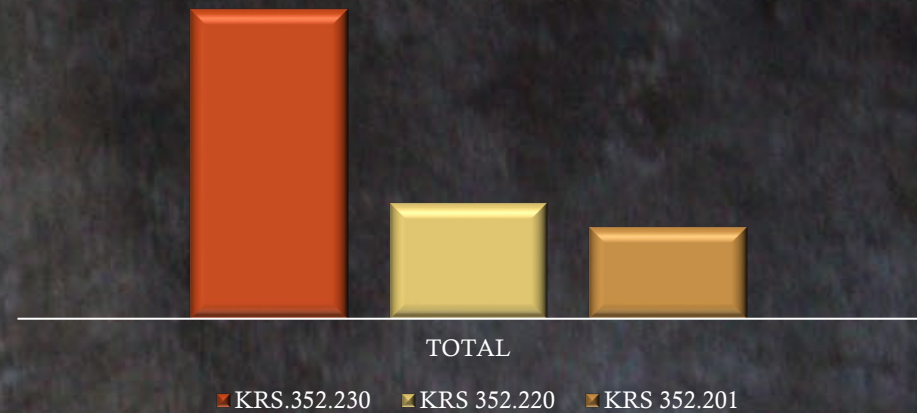
# Underground - Field Citations Issued

2020 Underground



1. Electrical Face Equipment
2. Roof Control Plan
3. Electricity in Mines & Surface Installations

2021 Underground



1. Electrical Face Equipment
2. Electricity in Mines & Surface Installations
3. Roof Control Plan



# Mine Rescue






# Assistance Provided

- ◆ Making state teams available to all companies
- ◆ Availability of **Federally Mandated** contest across the state to insure companies ability to maintain compliance.
- ◆ Allowing large mines to be maintained through furloughs by the providing of 2 teams.
- ◆ There are currently **15** Mine Rescue Teams within the state of Kentucky  
the Division of Mine Safety employees make up **7** of the 15 teams



# Licensing of Mines

- ◆ There are 134 total mines
- ◆ 79 - surface mines
- ◆ 55 - underground mines



**DIVISION OF MINE SAFETY  
MINE LICENSE APPLICATION**

ATTACH CURRENT YEAR LICENSE LABEL

FOR DEPARTMENT USE ONLY

District License No.: \_\_\_\_\_  
 Date Issued: \_\_\_\_\_  
 License Fee: \_\_\_\_\_  
 Tonnage: \_\_\_\_\_  
 No. of Sections: \_\_\_\_\_  
 File No.: \_\_\_\_\_

Map Attached:

Annual Report Attached: Yes  No

Surface  ATC  ASTC  ASWC  
 SRC  STC  GSTC  
 GSWC

Underground  URC  UWC  UVWC  
 UTC  UVTC  UVRC

METHOD OF UNDERGROUND MINING

1. Solid Blasting  2. Conventional   
 3. Continuous  4. Longwall   
 5. Shortwall  6. Continuous   
 New Mine  Relicense   
 Change of Company and/or Operator

1. Licensee \_\_\_\_\_ Mine Name or No. \_\_\_\_\_
2. Address \_\_\_\_\_ Company Phone No. \_\_\_\_\_  
 \_\_\_\_\_ Mine Phone No. \_\_\_\_\_
- Company email address: \_\_\_\_\_ Company Tax ID Number \_\_\_\_\_
3. County \_\_\_\_\_ County Code \_\_\_\_\_
4. County Road \_\_\_\_\_ Stream/Branch/Mountain \_\_\_\_\_  
 Quad: \_\_\_\_\_ Date Mine Opened \_\_\_\_\_ Nearest Town & Mileage \_\_\_\_\_
5. Seam Name \_\_\_\_\_ Coal Height \_\_\_\_\_ Total Height \_\_\_\_\_  
 Seam Name \_\_\_\_\_ Coal Height \_\_\_\_\_ Total Height \_\_\_\_\_  
 Seam Name \_\_\_\_\_ Coal Height \_\_\_\_\_ Total Height \_\_\_\_\_
6. Executive Officer \_\_\_\_\_ SSN \_\_\_\_\_
7. If the licensee is not an individual, list all officers and directors of the licensee and all persons that own interests of 10% or more in the licensee: (attach additional pages if necessary)

Name _____	Title _____	SSN _____
Name _____	Title _____	SSN _____
Name _____	Title _____	SSN _____

8. If this mine was licensed under another name or person, give the following information:  
 Former name of Company \_\_\_\_\_ Former Mine Name or No. \_\_\_\_\_ Former Executive Officer \_\_\_\_\_  
 Last Year Mine Was Licensed \_\_\_\_\_ Last License No. \_\_\_\_\_
- Mine Coordinates: \_\_\_\_\_ (Degrees, Minutes, Seconds) \_\_\_\_\_ (Degrees, Minutes, Seconds)  
 \_\_\_\_\_ (Degrees, Minutes, Seconds) \_\_\_\_\_ (Degrees, Minutes, Seconds)
9. Mining projected within 500 feet of oil or gas wells? Yes  No


THESE QUESTIONS MUST BE ANSWERED ON ALL APPLICATIONS

1. Superintendent _____ Shift _____ Miner ID No. _____ Cert. No. _____
2. Mine Foreman: _____ Shift _____ Miner ID No. _____ Cert. No. _____
Number of Underground Employees Shift 1 _____ Shift 2 _____ Shift 3 _____ Number of Surface Employees Shift 1 _____ Shift 2 _____ Shift 3 _____
3. Name of engineer certifying map _____ Registration No. _____ Map Covers Period Ending _____
4. Workers Compensation _____ Carrier <input type="checkbox"/> Self-Insured <input type="checkbox"/>
5. Will mining require use of explosives? Yes <input type="checkbox"/> No <input type="checkbox"/> If yes, list the person(s) responsible for explosives _____
6. KY Coal Severance Tax No. _____ (\$\$\$) _____ (DCB) _____ (License No.) _____ (Certification No.) _____
7. Reclamation Permit Number _____ 8. MSHA I.D. Number _____
9. Solid Blasting Permit No. _____ 10. Diesel Equipment used? Yes <input type="checkbox"/> No <input type="checkbox"/> UD Permit No. _____

I hereby swear or affirm that I am the Executive Officer of the above-named mine and that I will be responsible for the safe operation of this mine and will promptly notify the Division of Mine Safety if there is a change of ownership of this mine or if the mine is being abandoned.

Witness \_\_\_\_\_ Date \_\_\_\_\_ Signature of Executive Officer \_\_\_\_\_

Note: License applications must be signed by the Executive Officer, or an authorized representative for which a completed authorization affidavit has been filed with this office. An up-to-date certified map, a signed Annual Report form and license fee must be submitted before the license will be issued. No license will be issued unless a Certificate of Insurance Coverage is provided as mandated in 89RS 8.01, 17.0.



EB-4 Revised 11/15



# 2020 Fatal Accidents

## Fatality No.1

October 9, 2020, a 48 year old surface miner was fatally injured while working at a mine in the Harlan Branch.

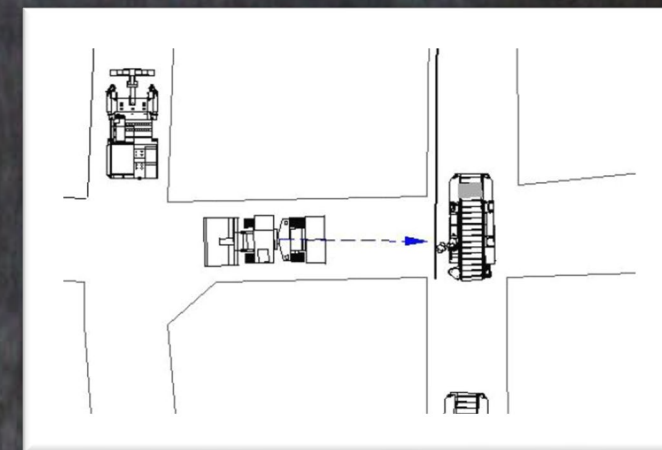
The victim was changing the nozzle of a hydro-seeder's discharge gun, when he was struck by a release of energy.



## Fatality No.2

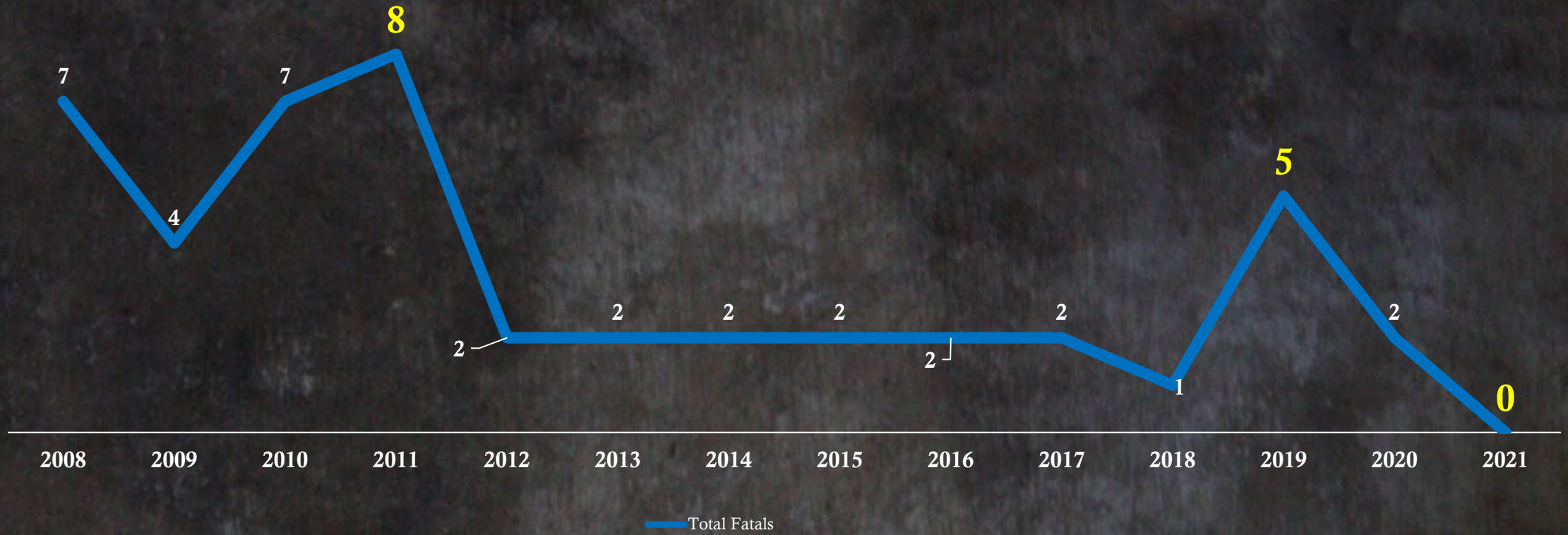
October 13, 2020, a 58 year old underground miner was fatally injured while working at a mine in the Madisonville Branch.

The accident occurred when a battery powered scoop struck the shuttle car operator (victim) while tramming through a ventilation curtain.





# Fatality Trend



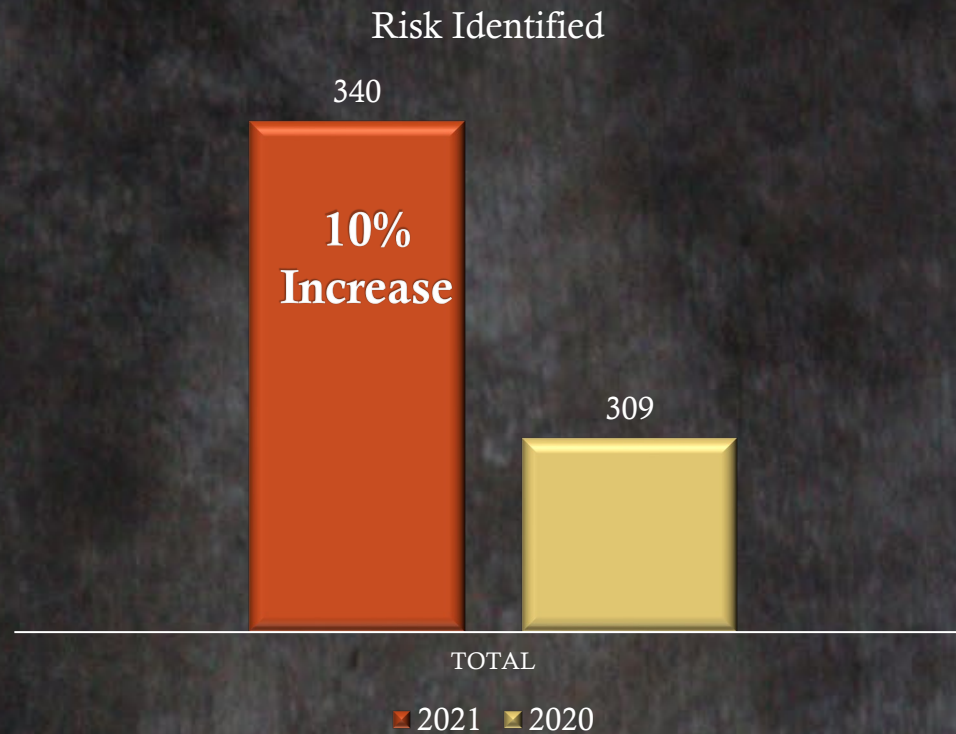


# Mine Safety Analysis





# Safety Analysis Data





# Safety Analysis Data

## Underground/Risk by Occupation:

1. Continuous Miner Operator – **16%**
2. Double Head Roof Bolter – **12%**
3. Foreman's Duties – **9%**

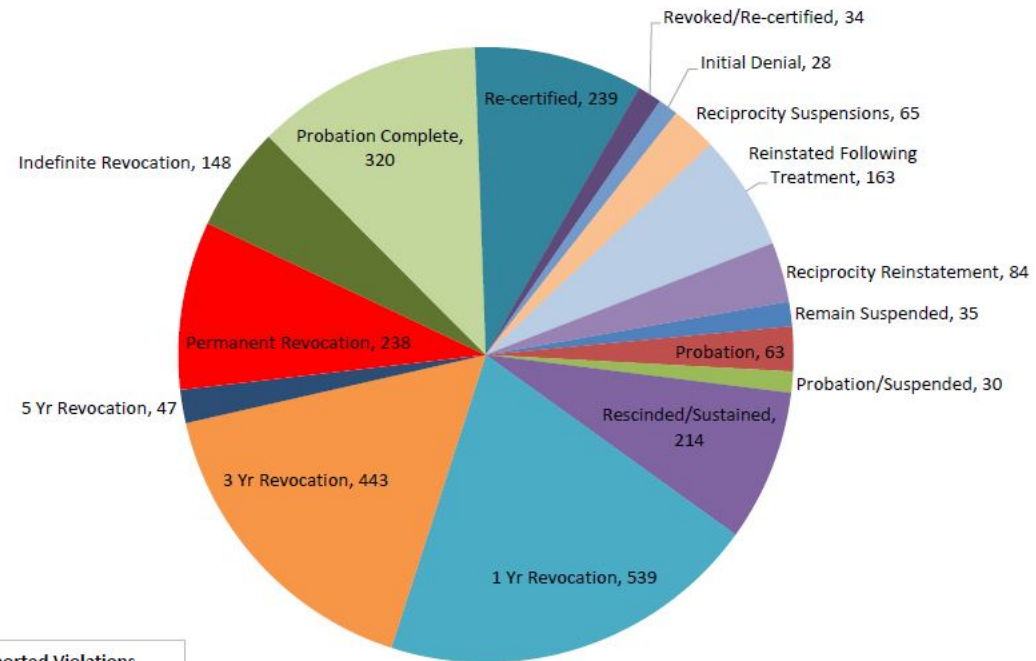
## Surface/Risk by Occupation:

1. Foreman's Duties – **22%**
2. Haul Truck Operator – **18%**
3. Front End Loader Operator – **9%**



# Drug Free Workplace Program

**Kentucky Department for Natural Resources  
Summary of Reported Violations  
of Drug Free Status**



**Total Reported Violations**  
2,690  
July 12, 2006 - August 9, 2021



# Division - Field Personnel

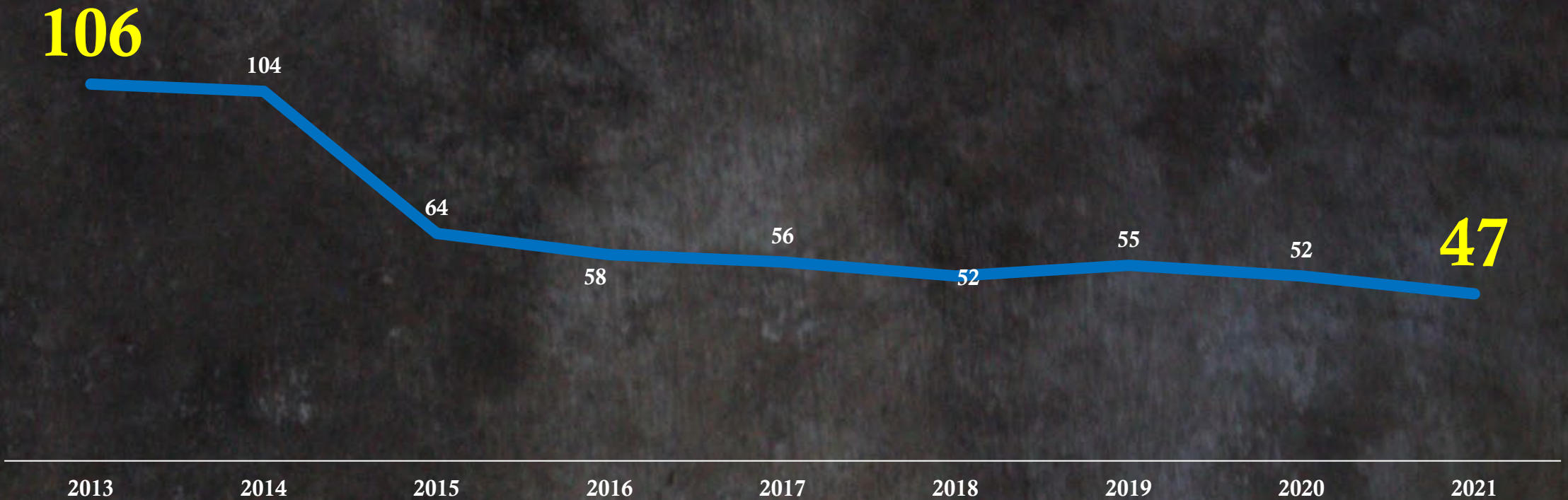
Mine Safety Specialist I's, Mine Safety Specialist II's





# Division - Field Personnel

Mine Safety Specialist I's, Mine Safety Specialist II's





*Our Ultimate Measure of Success*



**Every Day ..... Every Shift**