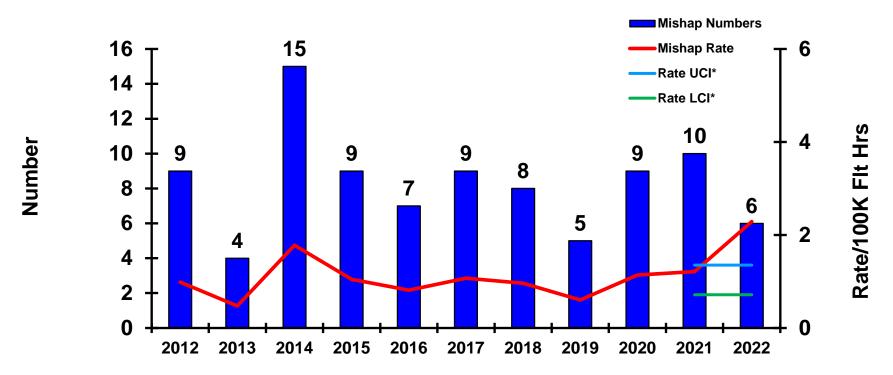


CLASS A FLIGHT MISHAPS

Manned Aircraft Only



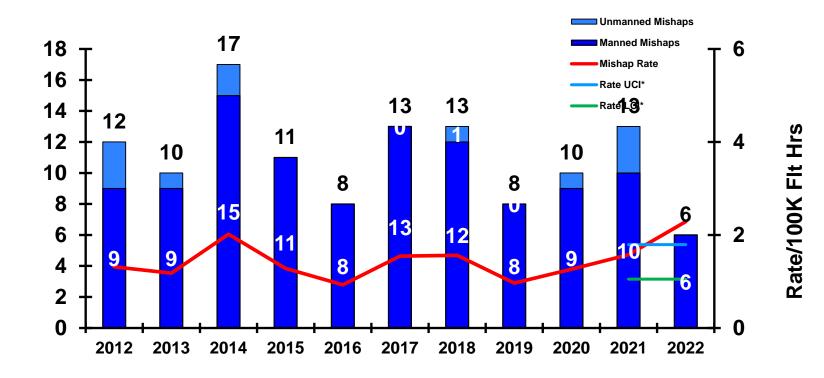
2-Feb-22 2-Feb-21
CLASS A MISHAPS/MISHAP RATE FY COMPARISON: 6/2.29 2/0.76

FY21 MISHAPS/MISHAP RATE: 10/1.21 10-YEAR AVERAGE (FY11-20) MISHAPS/MISHAP RATE: 8.50/1.01



Number

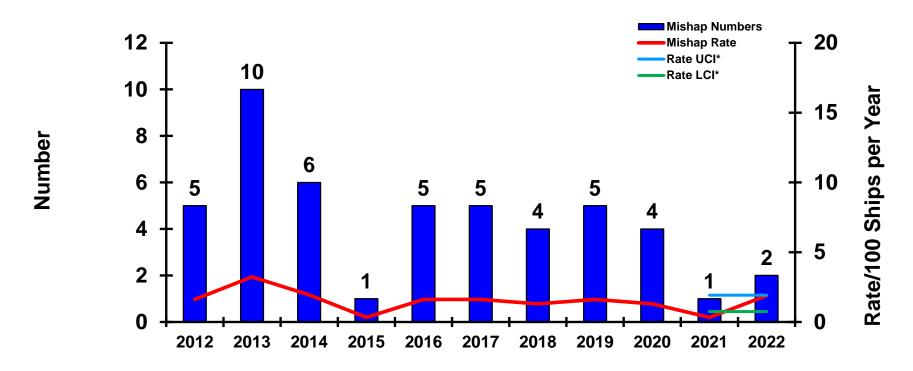
CLASS A AVIATION MISHAPS



CLASS A MISHAPS/MISHAP RATE FY COMPARISON:
6/2.29
FY21 MISHAPS/MISHAP RATE:
13/1.58
10-YEAR AVERAGE (FY11-20) MISHAPS/MISHAP RATE:
11.50/1.36



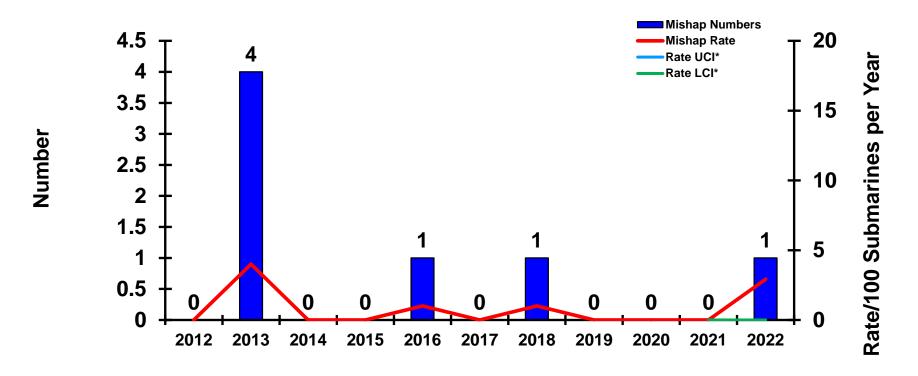
CLASS A AFLOAT MISHAPS



CLASS A MISHAPS/MISHAP RATE FY COMPARISON: 2/1.89 0/0.00
FY21 MISHAPS/MISHAP RATE: 1/0.32
10-YEAR AVERAGE (FY11-20) MISHAPS/MISHAP RATE: 4.60/1.49



CLASS A SUBMARINE MISHAPS



2-Feb-22 2-Feb-21

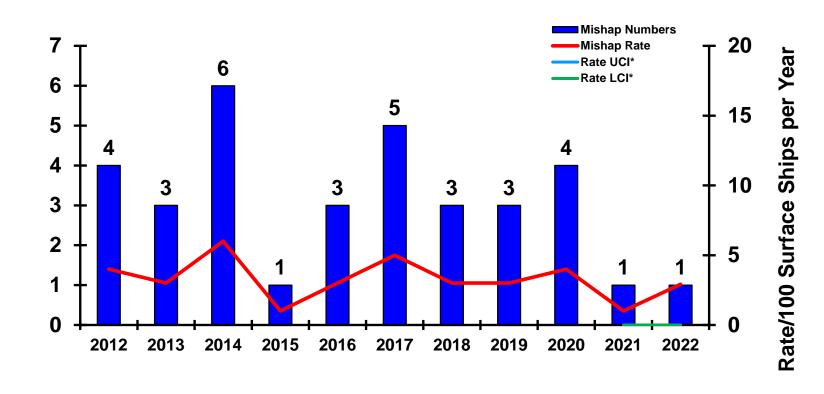
CLASS A MISHAPS/MISHAP RATE FY COMPARISON: 1/2.92 0/0.00

FY21 MISHAPS/MISHAP RATE: 0/0.00 10-YEAR AVERAGE (FY11-20) MISHAPS/MISHAP RATE: 0.60/0.60



Number

CLASS A SURFACE SHIP MISHAPS

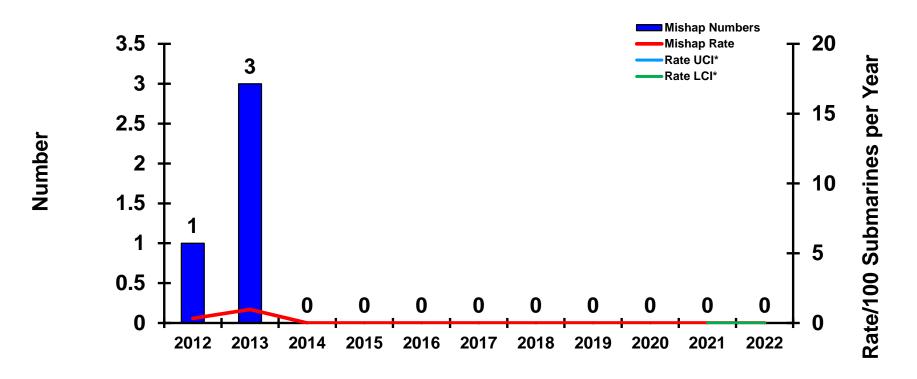


CLASS A MISHAPS/MISHAP RATE FY COMPARISON: 1/2.92 0/0.00
FY21 MISHAPS/MISHAP RATE: 1/1.00

10-YEAR AVERAGE (FY11-20) MISHAPS/MISHAP RATE: 3.30/3.30



CLASS A DIVING MISHAPS

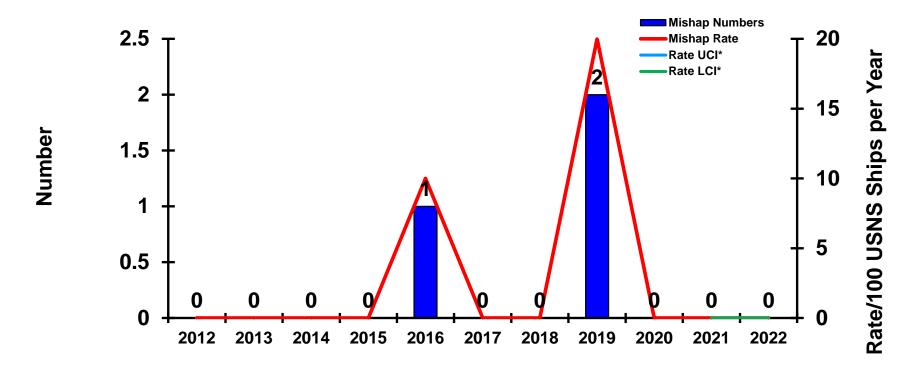


<u>2-Feb-22</u> <u>2-Feb-21</u> CLASS A MISHAPS/MISHAP RATE FY COMPARISON: 0/0.00 0/0.00

FY21 MISHAPS/MISHAP RATE: 0/0.00 10-YEAR AVERAGE (FY11-20) MISHAPS/MISHAP RATE: 0.40/0.13



CLASS A MSC AFLOAT MISHAPS



<u>2-Feb-22</u> <u>2-Feb-21</u> CLASS A MISHAPS/MISHAP RATE FY COMPARISON: 0/0.00 0/0.00

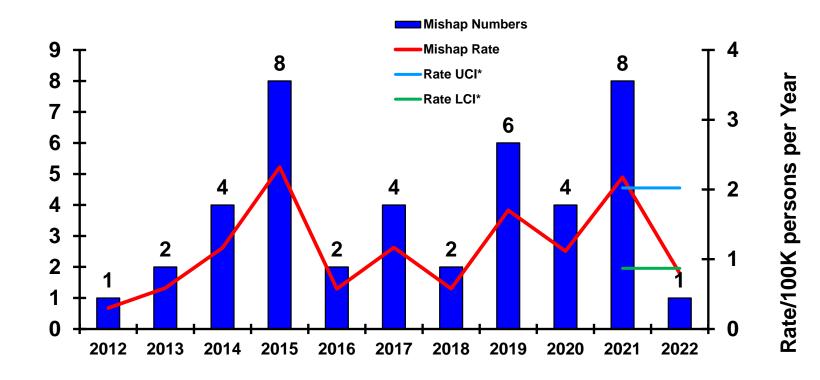
FY21 MISHAPS/MISHAP RATE: 0/0.00

10-YEAR AVERAGE (FY11-20) MISHAPS/MISHAP RATE: 0.30/3.00



Number

CLASS A SHORE ON-DUTY MISHAPS

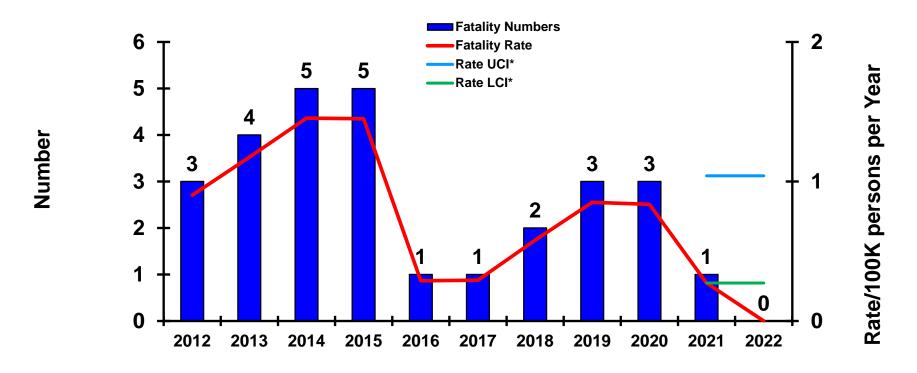


CLASS A MISHAPS/MISHAP RATE FY COMPARISON: 1/0.79 3/2.38
FY21 MISHAPS/MISHAP RATE: 8/2.18

10-YEAR AVERAGE (FY11-20) MISHAPS/MISHAP RATE: 4.10/1.17



PHYSICAL TRAINING FATALITIES



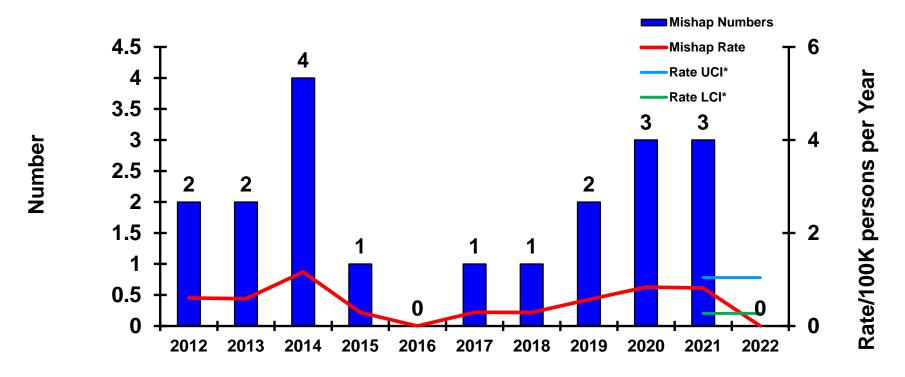
FATALITIES/FATALITY RATE FY COMPARISON: 0/0.00 0/0.00

FY21 FATALITIES/FATALITY RATE: 1/0.27

10-YEAR AVERAGE (FY11-20) FATALITIES/FATALITY RATE: 2.80/0.81



CLASS A ON-DUTY MV MISHAPS

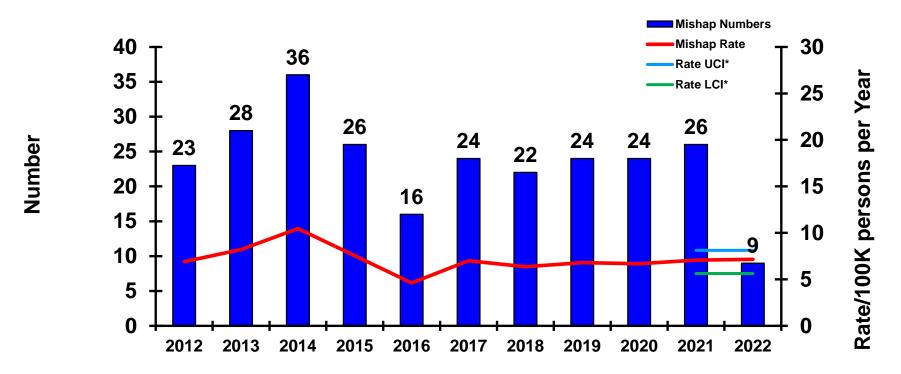


CLASS A MISHAPS/MISHAP RATE FY COMPARISON: 0/0.00 0/0.00

FY21 MISHAPS/MISHAP RATE: 3/0.82 10-YEAR AVERAGE (FY11-20) MISHAPS/MISHAP RATE: 1.90/0.54



TOTAL CLASS A ON-DUTY MISHAPS



<u>2-Feb-22</u> <u>2-Feb-21</u>

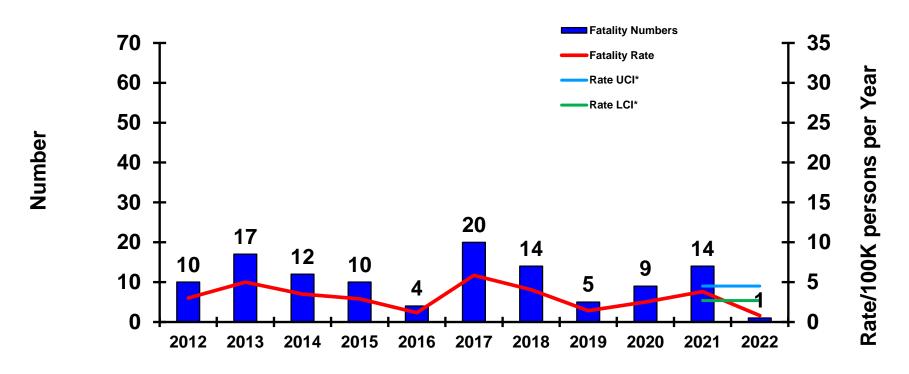
CLASS A MISHAPS/MISHAP RATE FY COMPARISON: 9/7.15 7/5.56

FY21 MISHAPS/MISHAP RATE: 26/7.07 10-YEAR AVERAGE (FY11-20) MISHAPS/MISHAP RATE: 24.90/7.17

*see last slide for definition of UCI/LCI



ON-DUTY FATALITIES

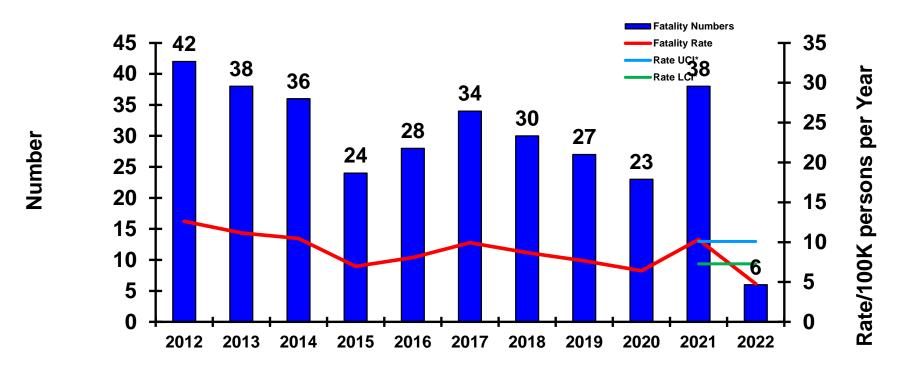


2-Feb-22 2-Feb-21
CLASS A FATALITIES/FATALITY RATE FY COMPARISON: 1/0.79 3/2.38

FY21 FATALITIES/FATALITY RATE: 14/3.81
10-YEAR AVERAGE (FY11-20) FATALITIES/FATALITY RATE: 11.50/3.32



PMV FATALITIES

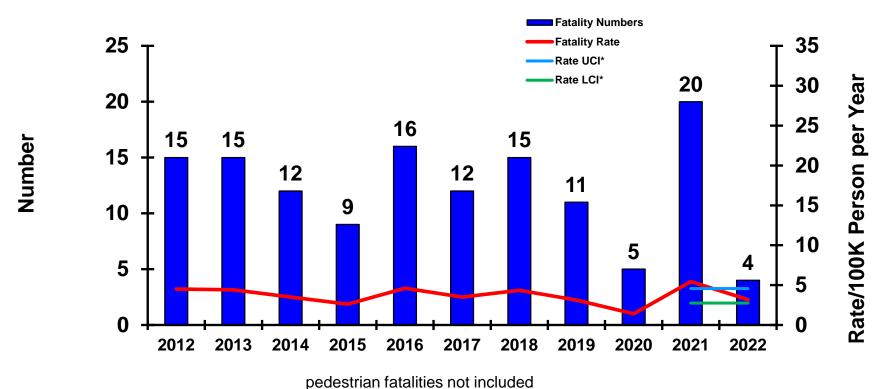


CLASS A FATALITIES/FATALITY RATE FY COMPARISON: 02-Feb-22 2-Feb-21 11/8.74

FY21 FATALITIES/FATALITY RATE: 38/10.34 10-YEAR AVERAGE (FY11-20) FATALITIES/FATALITY RATE: 32.00/9.23



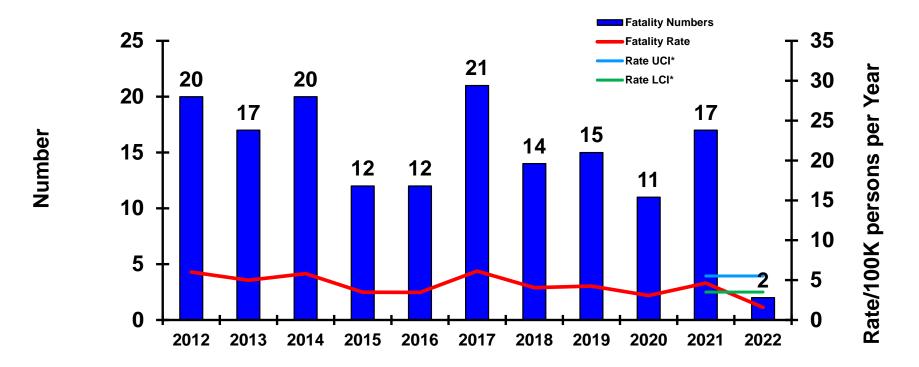
4-WHEEL PMV FATALITIES



CLASS A FATALITIES/FATALITY RATE FY COMPARISON:
FY21 FATALITIES/FATALITY RATE:
2-Feb-22
4/3.18
6/4.77
20/5.44
10-YEAR AVERAGE (FY11-20) FATALITIES/FATALITY RATE:
13.00/3.74



MOTORCYCLE PMV FATALITIES



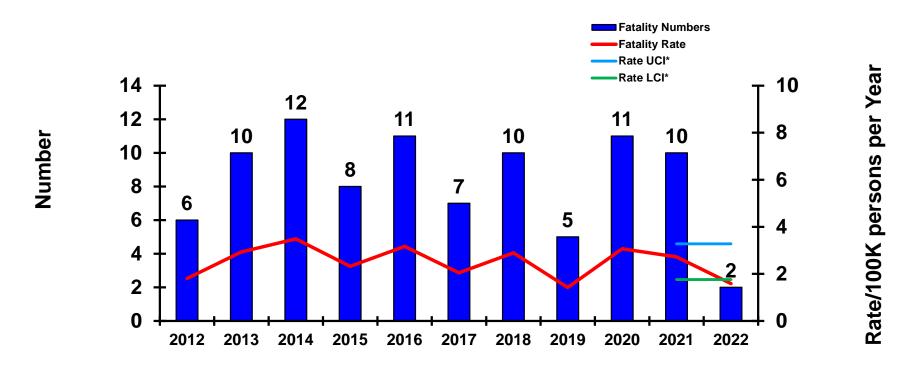
<u>2-Feb-22</u> <u>2-Feb-21</u> CLASS A FATALITIES/FATALITY RATE FY COMPARISON: 2/1.59 5/3.97

FY21 FATALITIES/FATALITY RATE: 17/4.62

10-YEAR AVERAGE (FY11-20) FATALITIES/FATALITY RATE: 15.90/4.59



OFF-DUTY/REC FATALITIES



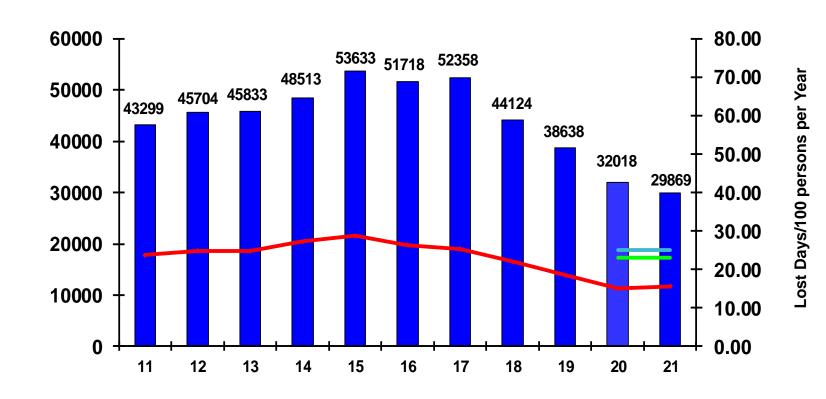
CLASS A FATALITIES/FATALITY RATE FY COMPARISON: 2/1.59 3/2.38

FY21 FATALITIES/FATALITY RATE: 10/2.72 10-YEAR AVERAGE (FY11-20) FATALITIES/FATALITY RATE: 9.00/2.59

*see last slide for definition of UCI/LCI

Number

CIVILIAN LOST WORK DAY



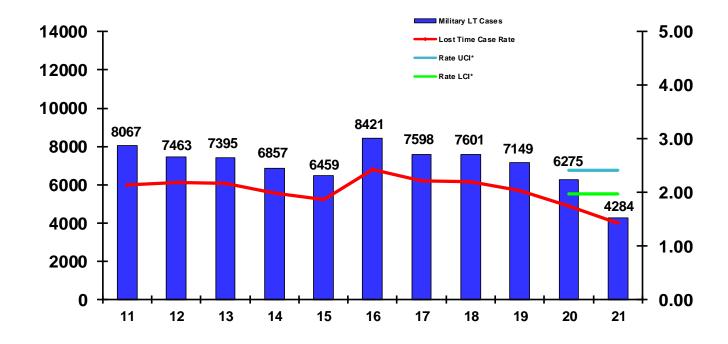
LOST WORK DAY FY RATE COMPARISON: 15.60
FY21 LOST WORK DAY RATE: 14.90
5-YEAR AVERAGE (FY17-21) LOST WORK DAY RATE: 21.04



Number

MILITARY LOST TIME CASE RATE

Lost Time Cases/100 persons per Year



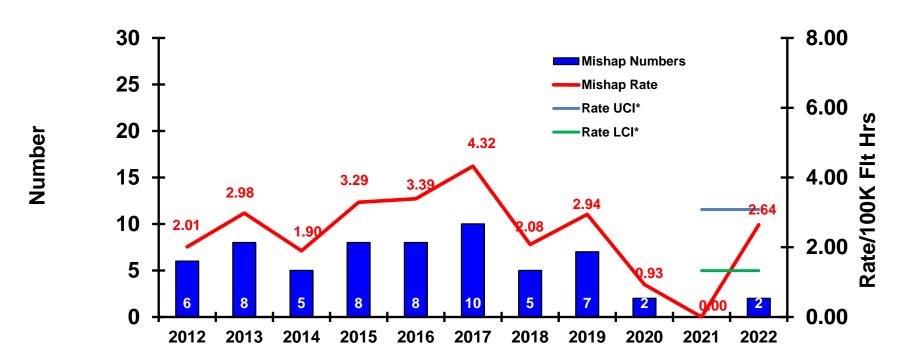
	<u>16 Nov 21</u>
LOST WORK TIME CASE RATE:	1.43
FY21 LOST TIME CASE RATE:	1.91
5-YEAR AVERAGE (FY17-21) LOST TIME CASE RATE:	2.35

^{*}see last slide for definition of UCI/LCI



CLASS A FLIGHT MISHAPS

Manned Aircraft Only



CLASS A FM/FM RATE FY COMPARISON: 2/2.64 0/0.00

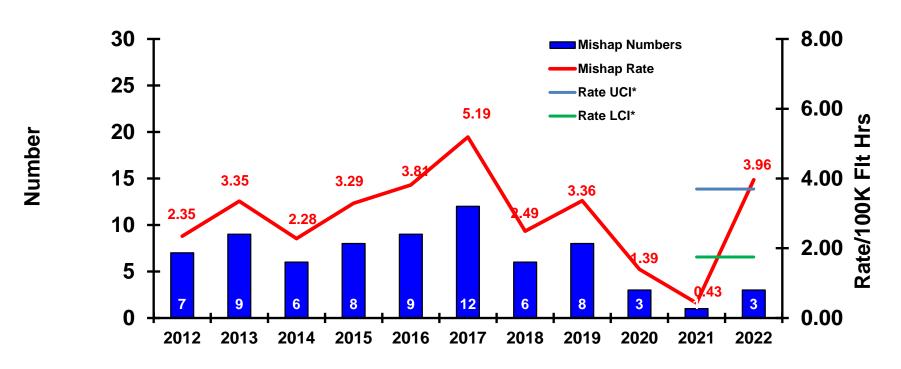
FY21 MISHAPS/MISHAP RATE: 0/0.00

10-YEAR AVERAGE (FY11-20) MISHAPS/MISHAP RATE: 5.90/2.38

19



CLASS A AVIATION MISHAPS



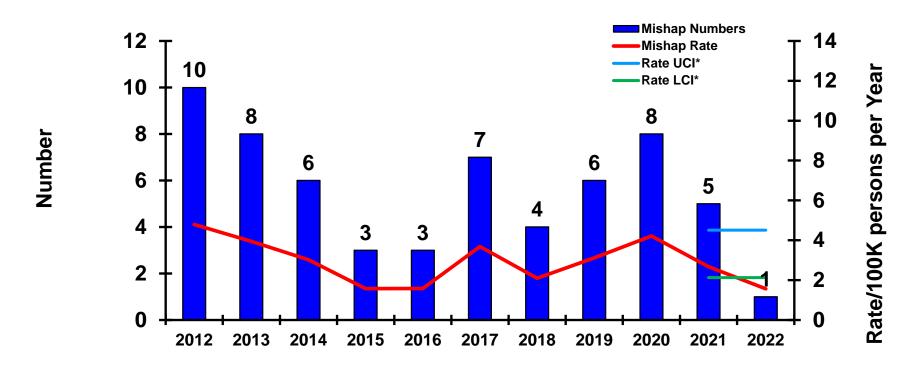
<u>2-Feb-22</u> <u>2-Feb-21</u> CLASS A MISHAPS/MISHAP RATE FY COMPARISON: 3/3.96 0/0.00

FY21 MISHAPS/MISHAP RATE: 1/0.43

10-YEAR AVERAGE (FY11-20) MISHAPS/MISHAP RATE: 6.90/2.79



CLASS A GROUND ON-DUTY MISHAPS



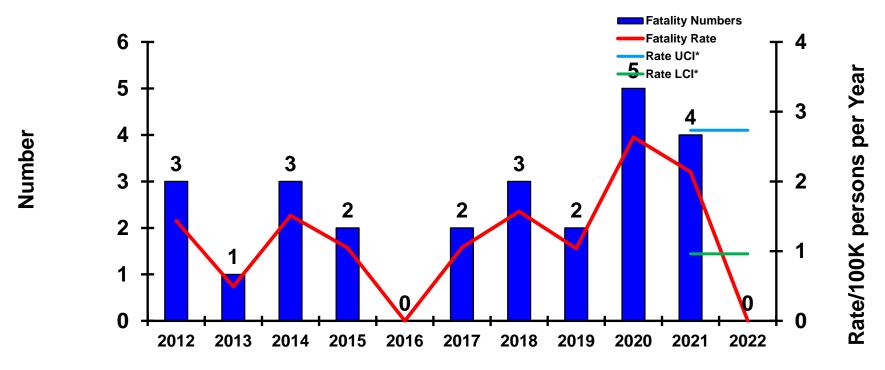
2-Feb-21 2-Feb-22 0/0.00 **CLASS A MISHAPS/MISHAP RATE FY COMPARISON:** 1/1.56

FY21 MISHAPS/MISHAP RATE: 5/2.67

10-YEAR AVERAGE (FY11-20) MISHAPS/MISHAP RATE: 6.00/3.07



PHYSICAL TRAINING FATALITIES



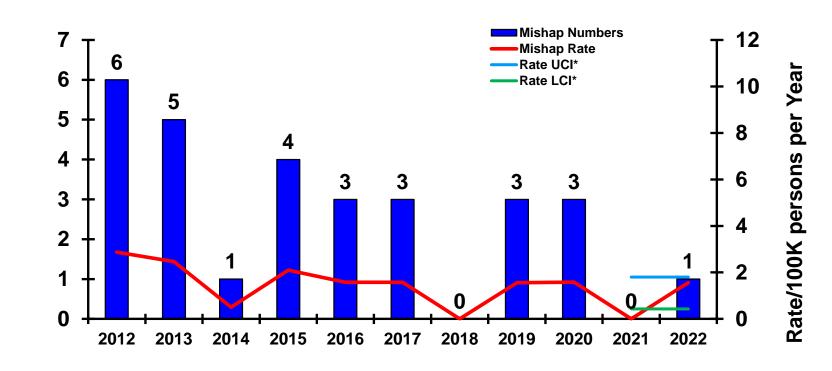
PT fatalities are also reflected in the Ground On-Duty Mishap slide

	<u>2-Feb-22</u>	<u>2-Feb-21</u>	
CLASS A FATALITIES/FATALITY RATE FY COMPARISON:	0/0.00	0/0.00	
FY21 FATALITIES/FATALITY RATE:	4/2.14		
10-YEAR AVERAGE (FY11-20) FATALITIES/FATALITY RATE:	2.50/1.29		



Number

CLASS A ON-DUTY MV MISHAPS

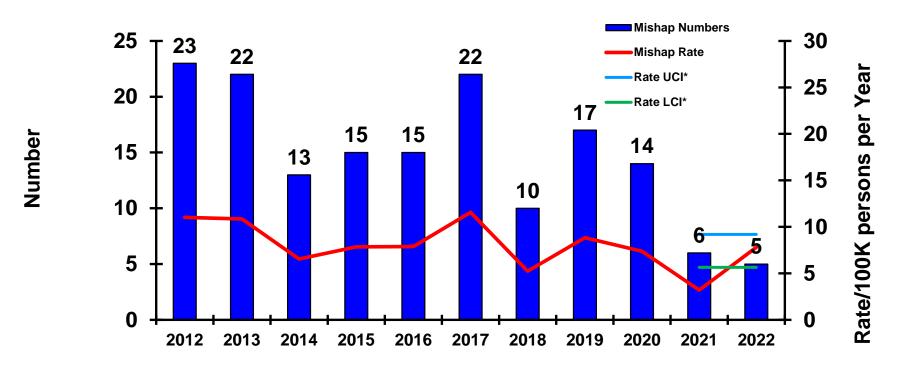


CLASS A MISHAPS/MISHAP RATE FY COMPARISON: 2-Feb-22 2-Feb-21 0/0.00

FY21 MISHAPS/MISHAP RATE: 0/0.00 10-YEAR AVERAGE (FY11-20) MISHAPS/MISHAP RATE: 2.80/1.42



TOTAL CLASS A ON-DUTY MISHAPS

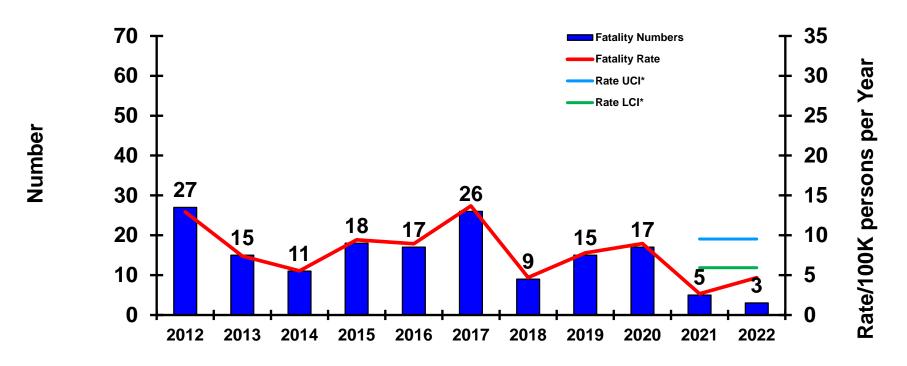


CLASS A MISHAPS/MISHAP RATE FY COMPARISON: 5/7.80 0/0.00

FY21 MISHAPS/MISHAP RATE: 6/3.21 10-YEAR AVERAGE (FY11-20) MISHAPS/MISHAP RATE: 15.70/8.04



ON-DUTY FATALITIES

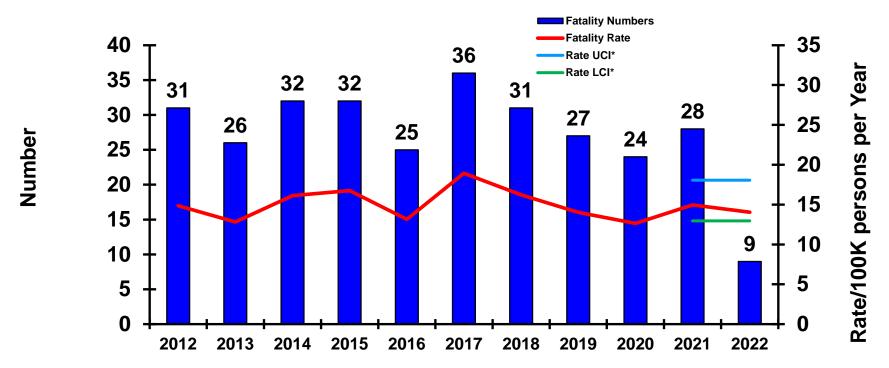


2-Feb-21 2-Feb-22 0/0.00 CLASS A FATALITIES/FATALITY RATE FY COMPARISON: 3/4.68 **FY21 FATALITIES/FATALITY RATE:** 5/2.67

10-YEAR AVERAGE (FY11-20) FATALITIES/FATALITY RATE: 16.00/8.20



PMV FATALITIES



<u>2-Feb-22</u> <u>2-Feb-21</u>

CLASS A FATALITIES/FATALITY RATE FY COMPARISON: 9/14.04 10/15.60

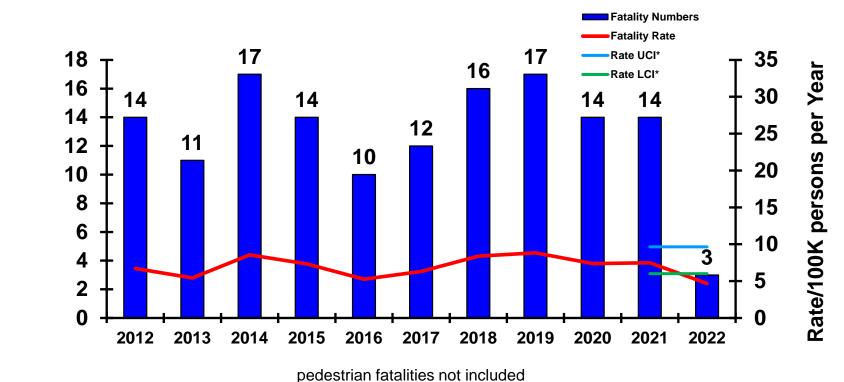
FY21 FATALITIES/FATALITY RATE: 28/14.96

10-YEAR AVERAGE (FY11-20) FATALITIES/FATALITY RATE: 29.20/15.05



Number

4-WHEEL PMV FATALITIES



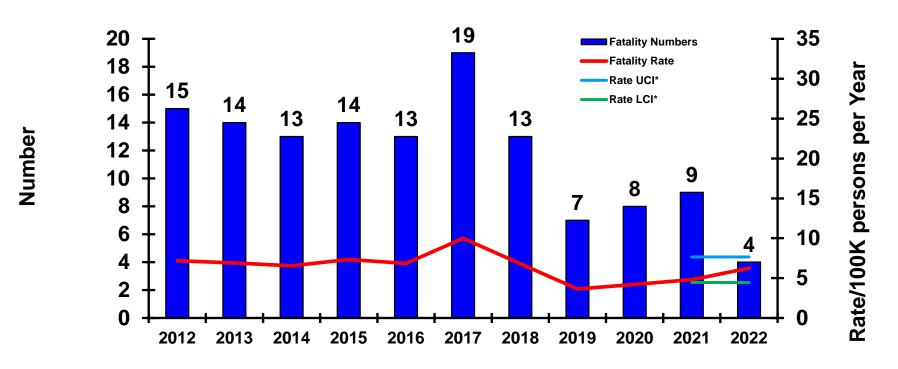
CLASS A FATALITIES/FATALITY RATE FY COMPARISON: 3/4.68 0/0.00

FY21 FATALITIES/FATALITY RATE: 14/7.48

10-YEAR AVERAGE (FY11-20) FATALITIES/FATALITY RATE: 13.90/7.17



MOTORCYCLE PMV FATALITIES



CLASS A FATALITIES/FATALITY RATE FY COMPARISON:

FY21 FATALITIES/FATALITY RATE:

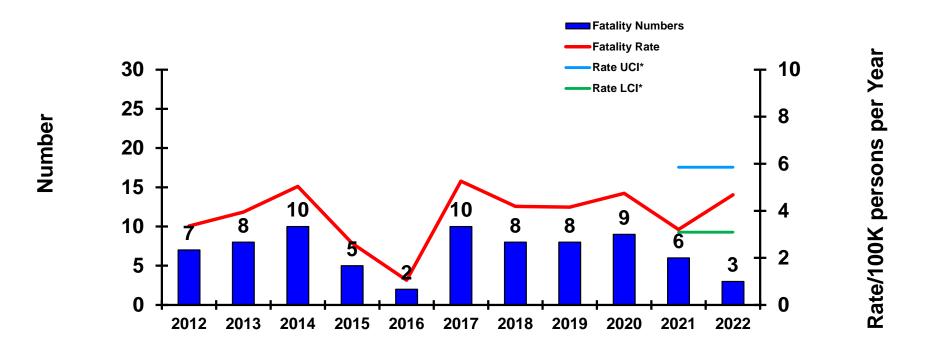
9/4.81

10-YEAR AVERAGE (FY11-20) FATALITIES/FATALITY RATE:

12.50/6.43



OFF-DUTY/REC FATALITIES



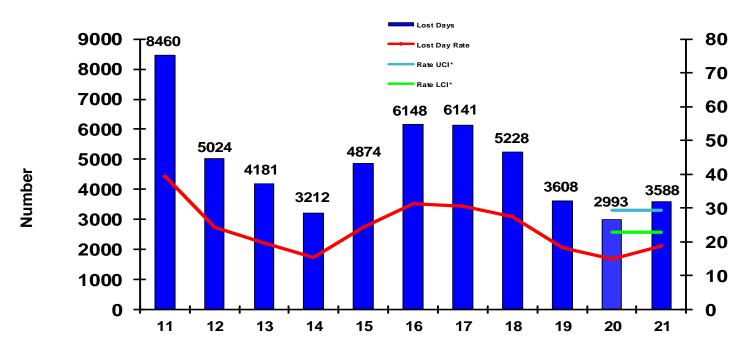
CLASS A FATALITIES/FATALITY RATE FY COMPARISON: 3/4.68 9/4.88

FY21 FATALITIES/FATALITY RATE: 6/3.21

10-YEAR AVERAGE (FY11-20) FATALITIES/FATALITY RATE: 7.30/3.76

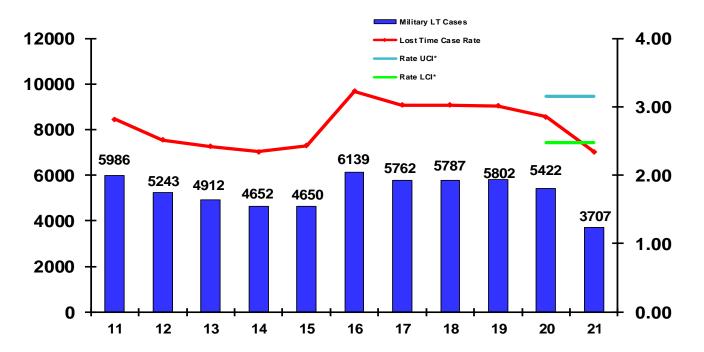


CIVILIAN LOST WORK DAY



Lost Days/100 persons per Year

	<u>16 NOV 21</u>
LOST WORK DAY FY RATE COMPARISON:	22.97
FY21 LOST WORK DAY RATE:	18.8
5-YEAR AVERAGE (FY17-21) LOST WORK DAY RATE:	23.23



LOST WORK TIME CASE RATE: 2.48
FY21 LOST TIME CASE RATE: 3.31
5-YEAR AVERAGE (FY17-21) LOST TIME CASE RATE: 2.61

Lost Time Cases/100 persons per Year

^{*}see last slide for definition of UCI/LCI.

Navy Short Narratives

USN AVIATION CLASS A MISHAPS (includes UAS/UAV, FRMs and AGMs not included in the Flight Slide)

- 24 Jan 2022 (Location withheld OPSEC) F-35C crashed during landing, pilot ejected. No fatalities.
- 12 Jan 2022 (Smithfield, VA) MH-60S made emergency landing, no significant injuries.
- 29 Nov 2021 (Location Withheld OPSEC) F/A-18E suffered a system failure while airborne. Aircraft recovered safely, but subsequent inspections revealed suspected Class A damage to the airframe. No injuries.
- 24 Nov 2021 (Location Withheld OPSEC) Dipping sonar separated from cable during ASW exercise. Aircraft safely recovered. No injuries reported.
- 22 Nov 2021 (Location Withheld OPSEC) F/A-18E starboard engine fire in flight. The aircraft landed safely on USS Ship. No injuries reported.
- 4 Oct 2021 (IVO Death Valley National Park, CA) F/A-18F crashed in the vicinity of Death Valley National Park. Single aircrew ejected successfully with non-life threatening injuries.

USN AFLOAT CLASS A MISHAPS

- 21 Jan 2022 (Location Withheld OPSEC) Ship received damage to sonar dome. No injuries to crew.
- 2 Oct 2021 (Location Withheld OPSEC) USS Submarine allision.

USN SHORE CLASS A MISHAPS

4 Dec 2021 (Virginia Beach, VA) SVM injured during training exercise. Succumbed to injuries on 7 Dec 2021.

USN PHYSICAL TRAINING CLASS A MISHAPS

· No Reported Mishaps this period.

USN ON-DUTY MOTOR VEHICLE CLASS A MISHAPS

· No Reported Mishaps this period.

USN PRIVATE MOTOR VEHICLE FATALITIES

- 22 Jan 2022 (Jacksonville, FL) SVM involved in a motor vehicle accident and died.
- 28 Dec 2021 (La Porte County, IN) SVM involved in a motor vehicle accident. Deceased at scene.
- 20 Dec 2021 (Isle of Wight, VA) SVM in motor vehicle accident, deceased at scene of accident.

Navy Short Narratives

USN PRIVATE MOTOR VEHICLE FATALITIES (continued)

- 4 Oct 2021 (San Diego, CA) 2 x SVM involved in motor vehicle accident, 1 x SVM succumbed to injuries on 9 Oct 21.
- 2 Oct 2021 (San Diego, CA) SVM lost control of motorcycle, hit wall, fell and died.
- 1 Oct 2021 (Augusta, GA) SVM fell off motorcycle, hit by automobile, died at hospital.

USN OFF-DUTY/RECREATIONAL FATALITIES

- 26 Dec 2021 (Jacksonville, FL) SVM died in a recreational plane crash.
- 12 Nov 2021 (Ridgecrest, CA) SVM perished in a private civilian aircraft.

Marine Corps Short Narratives

<u>USMC AVIATION CLASS A MISHAPS (includes UAS/UAV, FRMs and AGMs not included in the Flight Slide)</u>

- 27 Jan 2022 (MCAS Yuma, AZ) F-35B experienced engine damage during a post-maintenance ground turn. No injuries reported.
- 6 Jan 2022 (McGuire AFB, NJ) Aircraft crashed on final. No injuries or fatalities reported.
- 29 Oct 2021 (MCAS Iwakuni, Japan) F-35B bird strike during takeoff roll. Pilot executed a high speed abort. No injuries to the pilot, damage to the aircraft estimated in the Class A range.

USMC GROUND CLASS A MISHAPS

 3 Oct 2021 (Twenty-Nine Palms, CA) SVM received gunshot wound to chest while conducting dry fire rehearsal training. Died at scene.

USMC PHYSICAL TRAINING CLASS A MISHAPS

No Reported Mishaps this period.

USMC ON-DUTY MOTOR VEHICLE CLASS A MISHAPS

• 19 Jan 2022 (Sneads Ferry, NC). SVMs involved in a military vehicle accident. Two deceased at scene.

USMC PRIVATE MOTOR VEHICLE FATALITIES

- 30 Dec 2021 (Palm Springs, CA) SVM was riding a dirt bike off-road. The SVM attempted to cross a road, was hit by a semitruck, and died at hospital.
- 6 Dec 2021 (Oceanside, CA) While assisting a wrecked vehicle on freeway, SVM struck by another vehicle. SVM deceased.
- 5 Dec 2021 (Wilmington, NC) SVM struck by vehicle while crossing street. Deceased on 9 Dec 21.
- 4 Dec 2021 (Camp Pendleton, CA) SVM involved in motorcycle accident. Pronounced deceased at scene.
- 20 Nov 2021 (Greenville, NC) SVM involved in motorcycle accident. Deceased on 4 Dec 2021.
- 6 Nov 2021 (Chandler, AZ) SVM involved in a motorcycle accident, died at hospital.
- 5 Nov 2021 (Okinawa, Japan) SVM lost control of vehicle, admitted to hospital. Died on 17 Nov 2021.
- 26 Oct 2021 (Ramona, CA) USNR on active duty attached to USMC unit involved in a single vehicle accident. Deceased at scene.
- 17 Oct 2021 (Ponchatoula, LA) SVM died in a multi-vehicle accident.

Marine Corps Short Narratives

USMC OFF-DUTY/RECREATIONAL FATALITIES

- 23 Dec 2021 (Waterfall, PA) SVM on leave, died in a house fire.
- 16 Oct 2021 (Washington, DC) SVM died on 17 October from head injury after falling down the stairs.
- 9 Oct 2021 (McCLoud, OK) SVM went swimming in a lake and drowned.



Mishap Confidence Interval



- UCI = Upper Confidence Interval LCI = Lower Confidence Interval
- Rate values above the UCI or below the LCI infer a <u>statistically significant change is</u> <u>probable</u>. This is only an indicator. Significance cannot be determined until end-of-year.
- Values between the UCI and LCI infer that nothing significant has occurred to increase or decrease mishap rate.

(Confidence Interval is based on: Poisson Rate related to a Chi Squared Distribution and calculated using FY16-20 data except for the Lost Work Days and Lost Time Case slides which were based on a normal distribution).