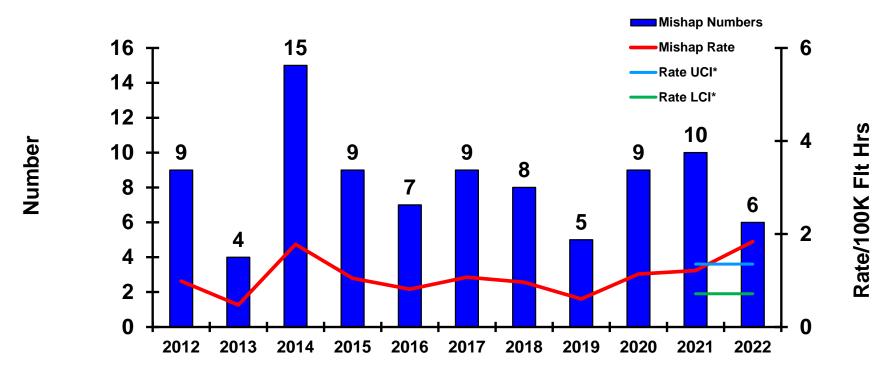


### CLASS A FLIGHT MISHAPS

**Manned Aircraft Only** 



2-Mar-22 2-Mar-21
CLASS A MISHAPS/MISHAP RATE FY COMPARISON: 6/1.84 2/0.61

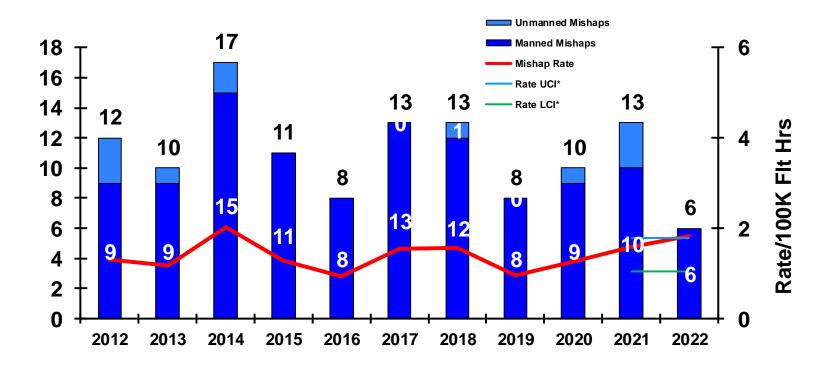
FY21 MISHAPS/MISHAP RATE: 10/1.21

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



Number

### **CLASS A AVIATION MISHAPS**



CLASS A MISHAPS/MISHAP RATE FY COMPARISON:

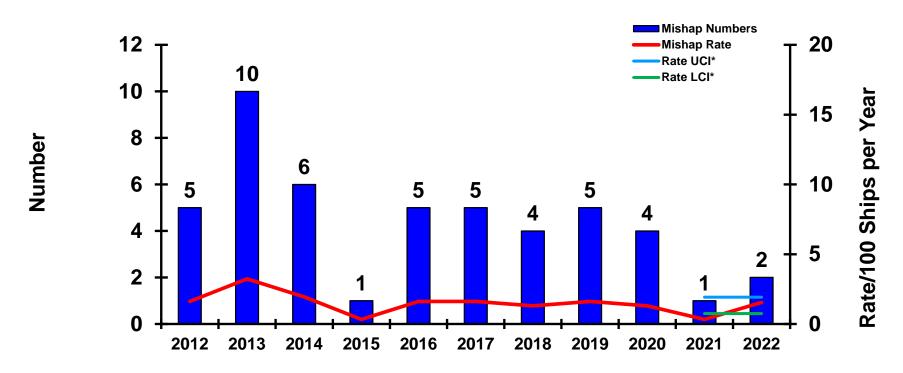
FY21 MISHAPS/MISHAP RATE:

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

11.50/1.36



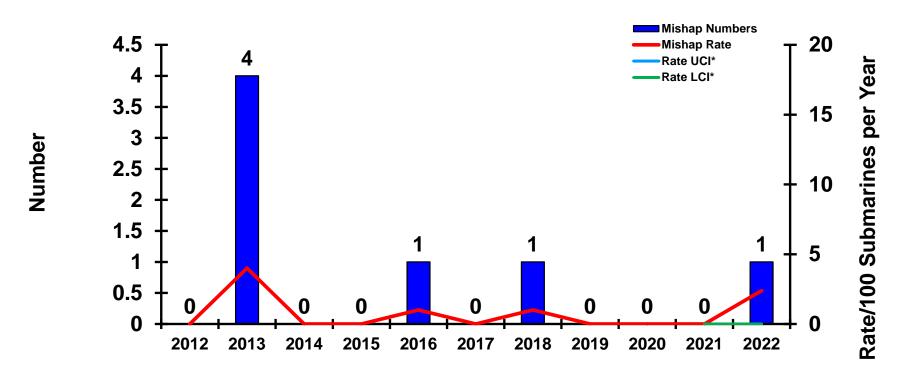
### CLASS A AFLOAT MISHAPS



CLASS A MISHAPS/MISHAP RATE FY COMPARISON: 2/1.54 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



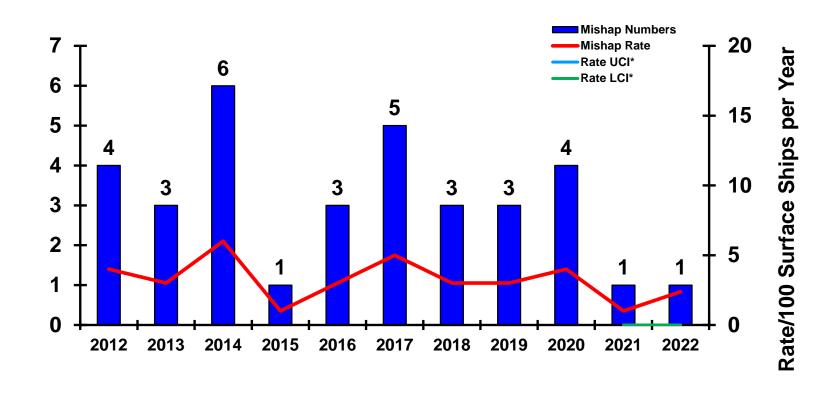
<u>2-Mar-22</u> <u>2-Mar-21</u> CLASS A MISHAPS/MISHAP RATE FY COMPARISON: 1/2.39 0/0.00

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

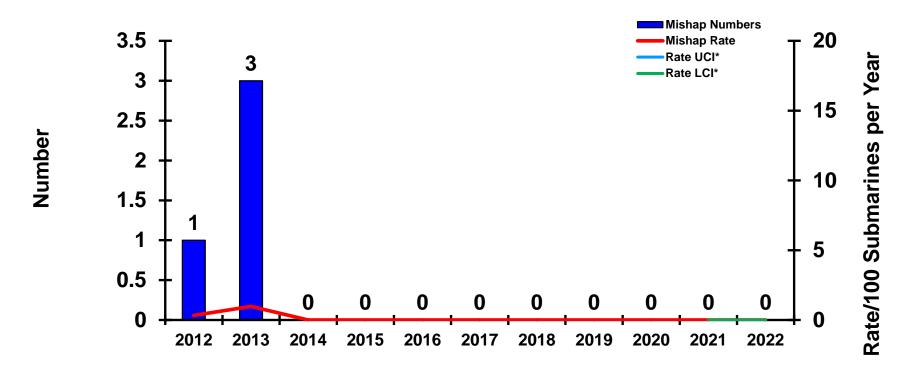


CLASS A MISHAPS/MISHAP RATE FY COMPARISON: 1/2.39 0/0.00
FY21 MISHAPS/MISHAP RATE: 1/1.00

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



## **CLASS A DIVING MISHAPS**

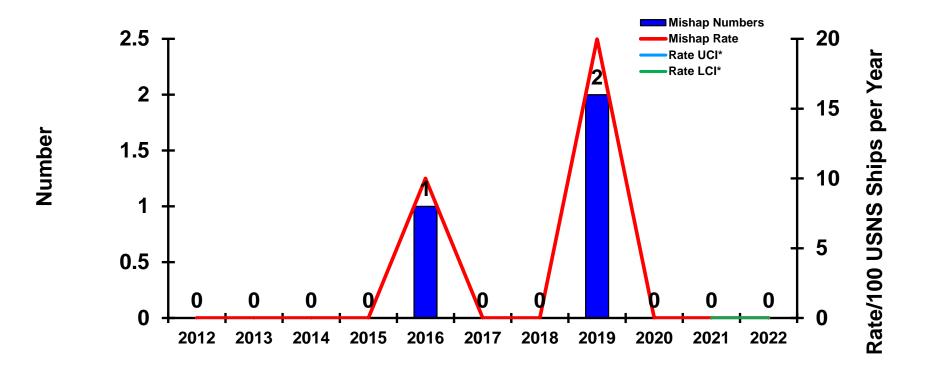


<u>2-Mar-22</u> <u>2-Mar-21</u> CLASS A MISHAPS/MISHAP RATE FY COMPARISON: 0/0.00 0/0.00

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



## CLASS A MSC AFLOAT MISHAPS



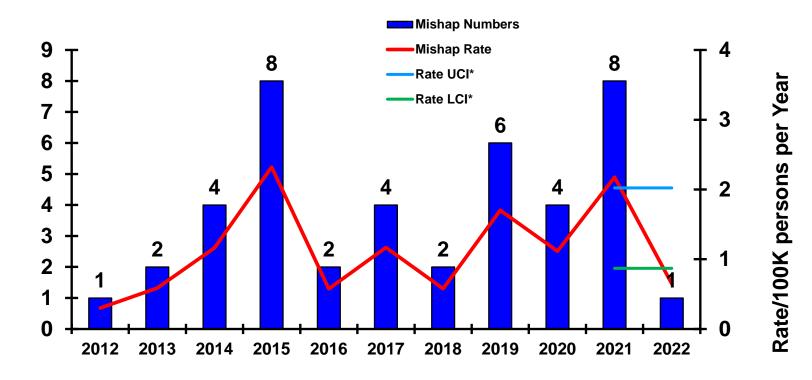
<u>2-Mar-22</u> <u>2-Mar-21</u> CLASS A MISHAPS/MISHAP RATE FY COMPARISON: 0/0.00 0/0.00

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**

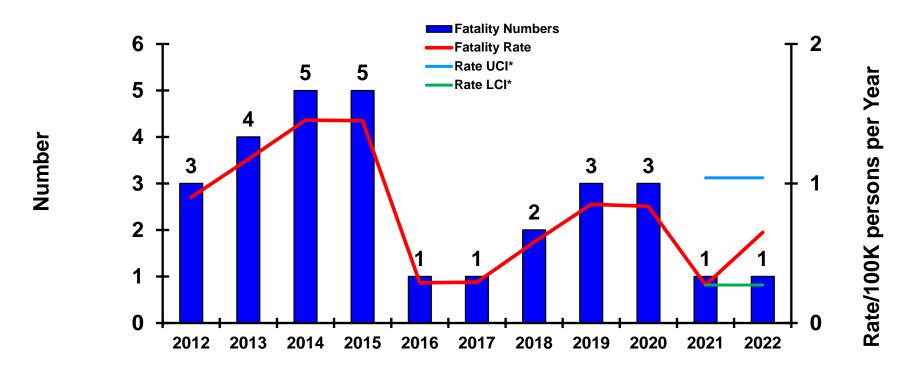


CLASS A MISHAPS/MISHAP RATE FY COMPARISON: 1/0.65 3/1.95
FY21 MISHAPS/MISHAP RATE: 8/2.18

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



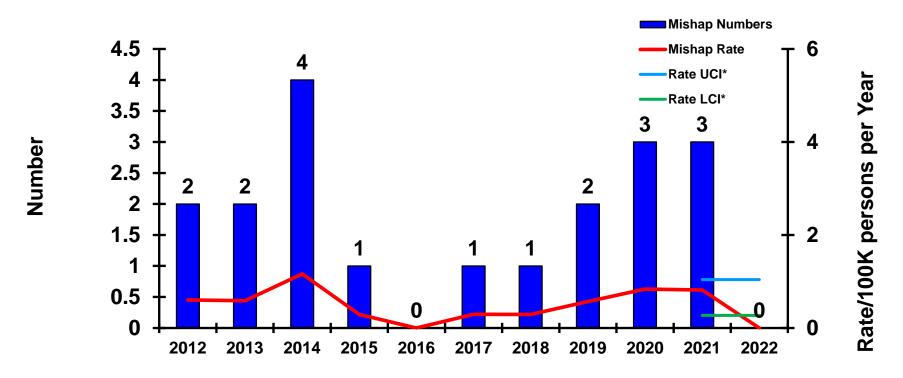
### PHYSICAL TRAINING FATALITIES



FATALITIES/FATALITY RATE FY COMPARISON: 1/0.65 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



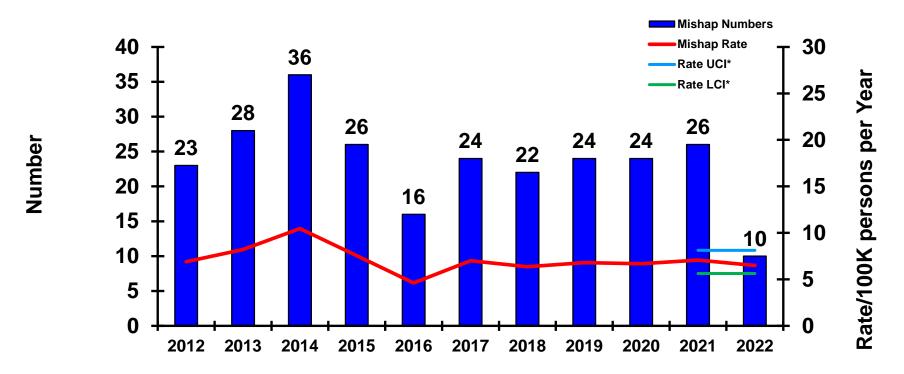
CLASS A MISHAPS/MISHAP RATE FY COMPARISON: 0/0.00 1/0.65

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



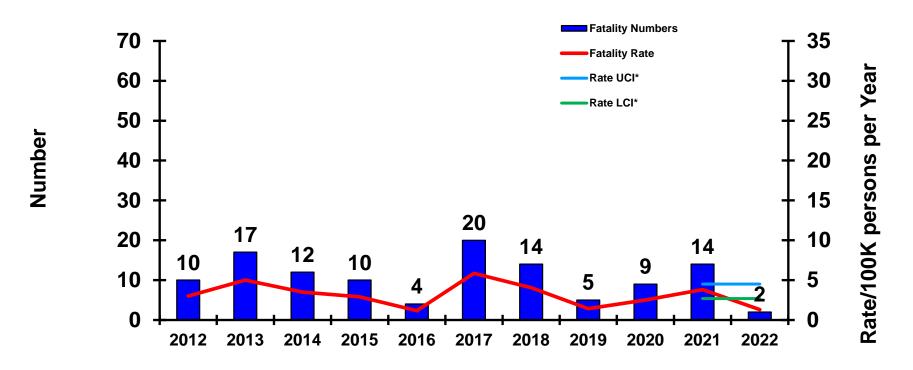
<u>2-Mar-22</u> <u>2-Mar-21</u> CLASS A MISHAPS/MISHAP RATE FY COMPARISON: 10/6.49 8/5.20

FY21 MISHAPS/MISHAP RATE: 26/7.07

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



#### ON-DUTY FATALITIES



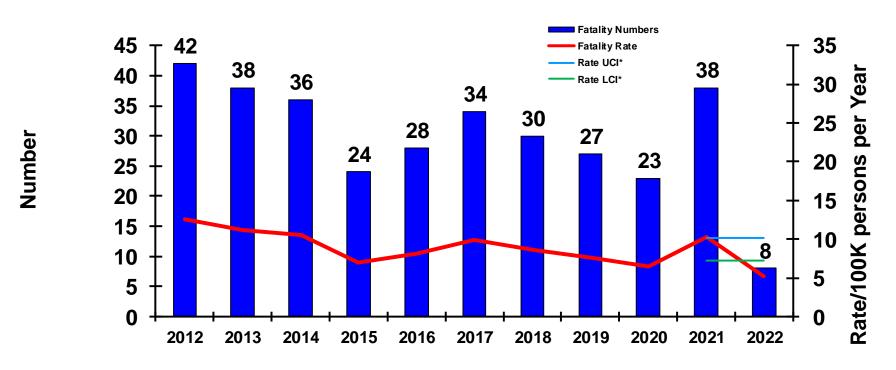
2-Mar-22 2-Mar-21 4/2.60 **CLASS A FATALITIES/FATALITY RATE FY COMPARISON:** 2/1.30

> **FY21 FATALITIES/FATALITY RATE:** 14/3.81

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



#### PMV FATALITIES



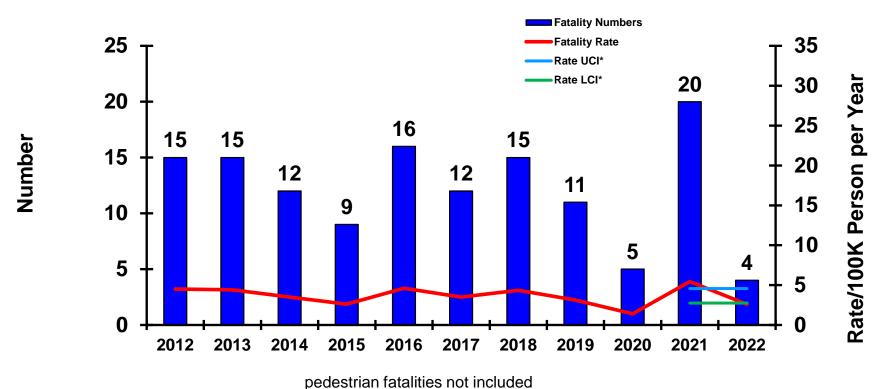
CLASS A FATALITIES/FATALITY RATE FY COMPARISON: 8/5.19 11/7.15

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:

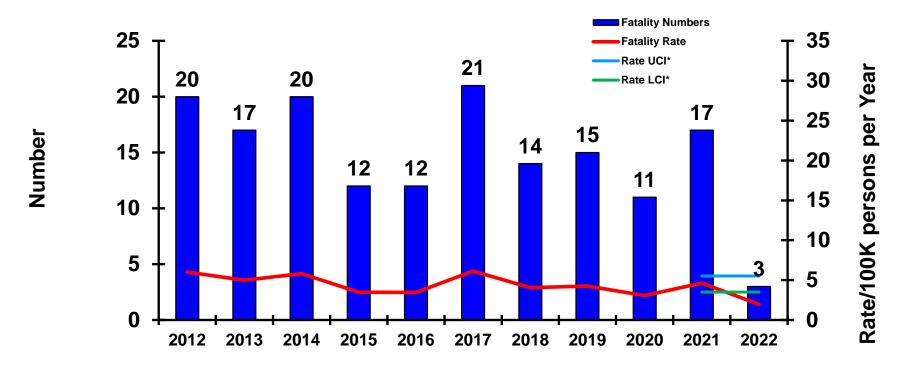
FY21 FATALITIES/FATALITY RATE:

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

13.00/3.74



### MOTORCYCLE PMV FATALITIES



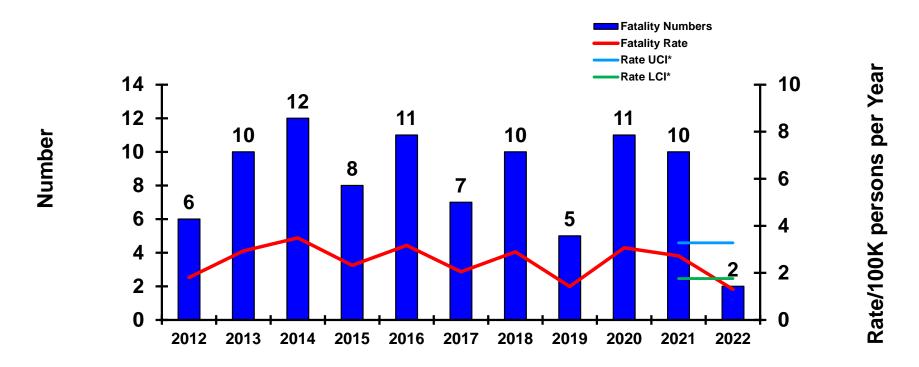
<u>2-Mar-22</u> <u>2-Mar-21</u> CLASS A FATALITIES/FATALITY RATE FY COMPARISON: 3/1.95 5/3.25

FY21 FATALITIES/FATALITY RATE: 17/4.62

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



### OFF-DUTY/REC FATALITIES

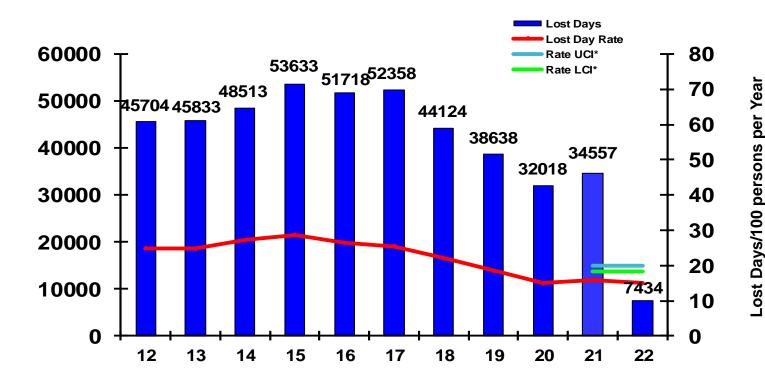


CLASS A FATALITIES/FATALITY RATE FY COMPARISON: 2/1.30 4/2.60
FY21 FATALITIES/FATALITY RATE: 10/2.72

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



## CIVILIAN LOST WORK DAY



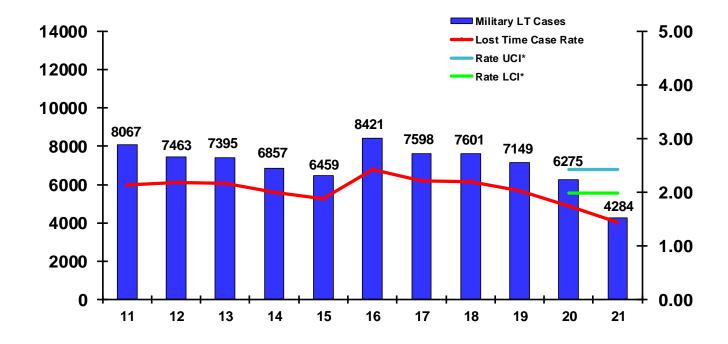
LOST WORK DAY FY RATE COMPARISON: 14.92
FY21 LOST WORK DAY RATE: 15.93
5-YEAR AVERAGE (FY17-21) LOST WORK DAY RATE: 19.36



Number

### MILITARY LOST TIME CASE RATE

Lost Time Cases/100 persons per Year



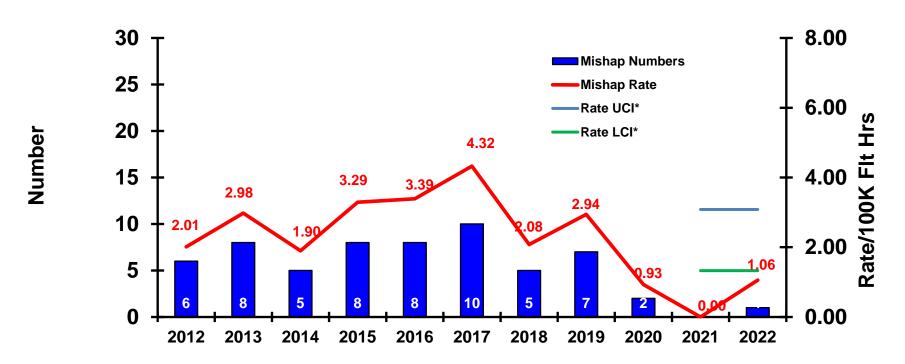
	<u>16 Nov 21</u>
LOST WORK TIME CASE RATE:	1.43
FY21 LOST TIME CASE RATE:	1.91
5-YEAR AVERAGE (FY17-21) LOST TIME CASE RATE:	2.35

<sup>\*</sup>see last slide for definition of UCI/LCI



### CLASS A FLIGHT MISHAPS

**Manned Aircraft Only** 



2-Mar-22 2-Mar-21

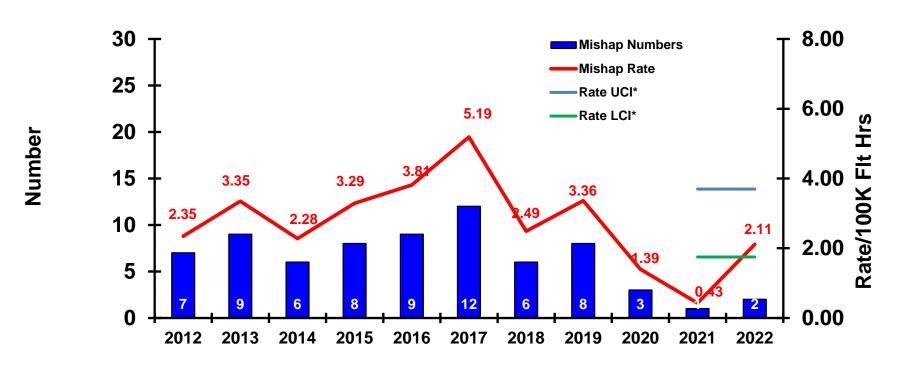
CLASS A FM/FM RATE FY COMPARISON: 1/1.06 0/0.00

FY21 MISHAPS/MISHAP RATE: 0/0.00

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



### CLASS A AVIATION MISHAPS



<u>2-Mar-22</u> <u>2-Mar-21</u> CLASS A MISHAPS/MISHAP RATE FY COMPARISON: 2/2.11 0/0.00

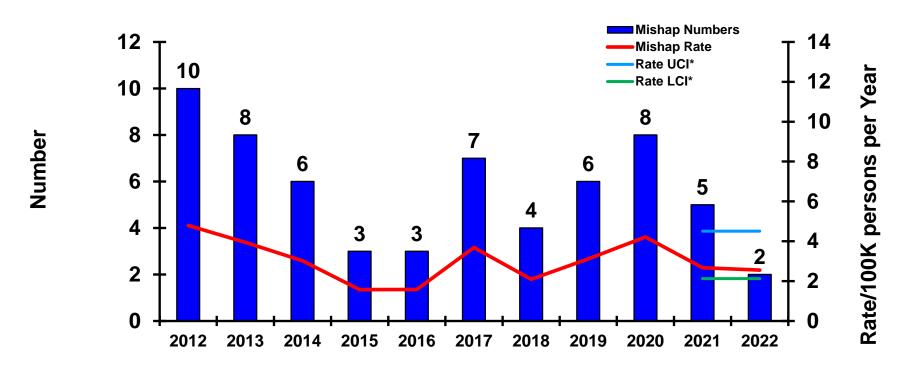
FY21 MISHAPS/MISHAP RATE: 1/0.43

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

20



## CLASS A GROUND ON-DUTY MISHAPS



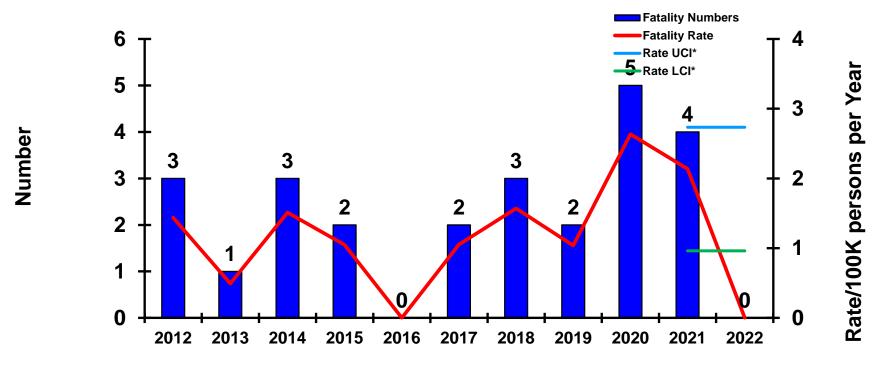
2-Mar-21 2-Mar-22 0/0.00 **CLASS A MISHAPS/MISHAP RATE FY COMPARISON:** 2/2.55

**FY21 MISHAPS/MISHAP RATE:** 5/2.67

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



## PHYSICAL TRAINING FATALITIES



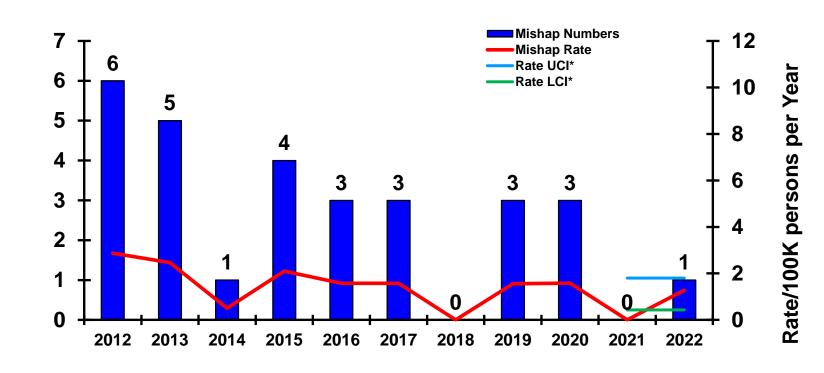
PT fatalities are also reflected in the Ground On-Duty Mishap slide

	<u>2-Mar-22</u>	<u>2-Mar-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



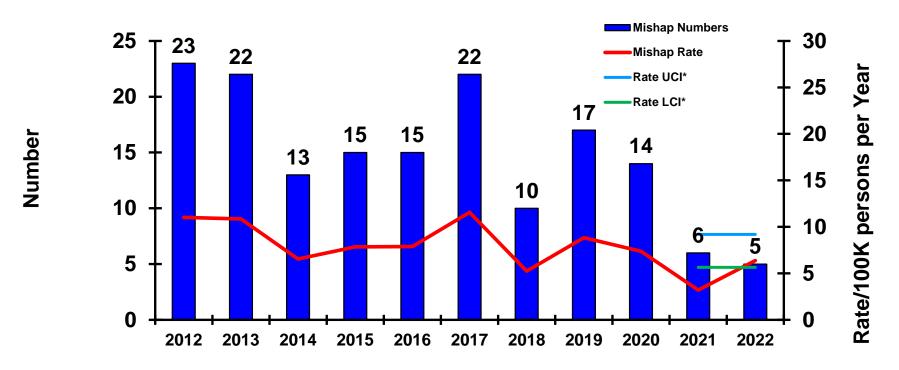
CLASS A MISHAPS/MISHAP RATE FY COMPARISON: 1/1.27 0/0.00

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

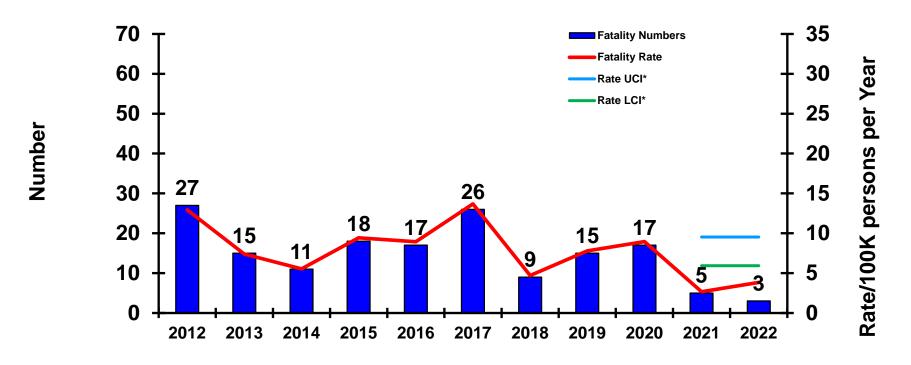


<u>2-Mar-22</u> <u>2-Mar-21</u> CLASS A MISHAPS/MISHAP RATE FY COMPARISON: 5/6.37 0/0.00

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



### **ON-DUTY FATALITIES**



CLASS A FATALITIES/FATALITY RATE FY COMPARISON:

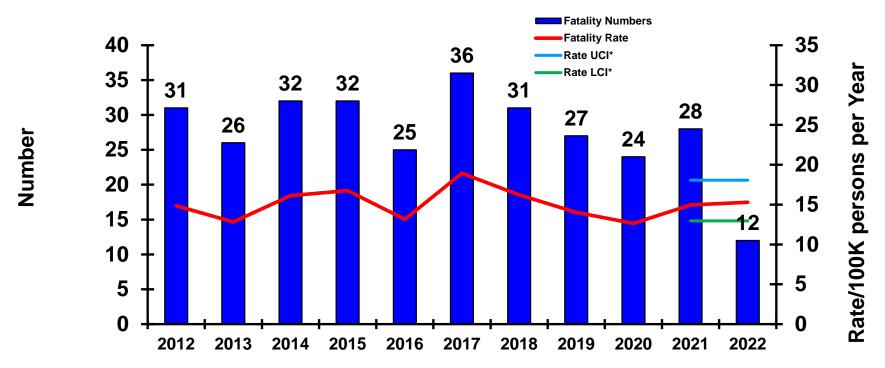
FY21 FATALITIES/FATALITY RATE:

5/2.67

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



### PMV FATALITIES



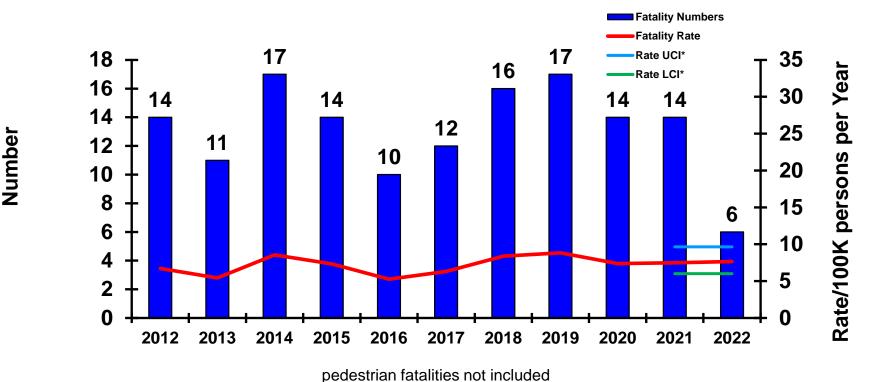
2-Mar-22 2-Mar-21

CLASS A FATALITIES/FATALITY RATE FY COMPARISON: 12/15.29 11/14.04

FY21 FATALITIES/FATALITY RATE: 28/14.96 10-YEAR AVERAGE (FY11-20) FATALITIES/FATALITY RATE: 29.20/15.05



### 4-WHEEL PMV FATALITIES



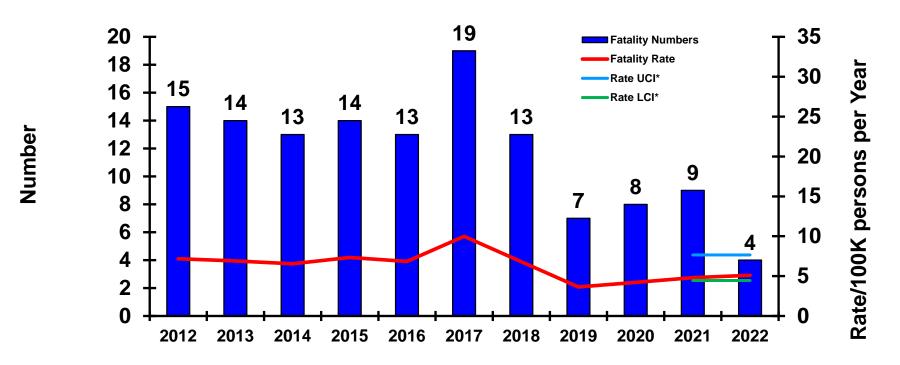
CLASS A FATALITIES/FATALITY RATE FY COMPARISON: 6/7.65 1/1.28

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:

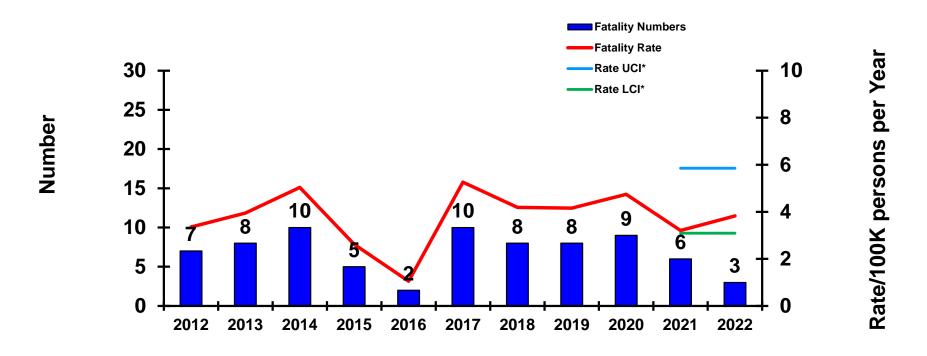
9/4.81

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

12.50/6.43



### OFF-DUTY/REC FATALITIES



CLASS A FATALITIES/FATALITY RATE FY COMPARISON:

FY21 FATALITIES/FATALITY RATE:

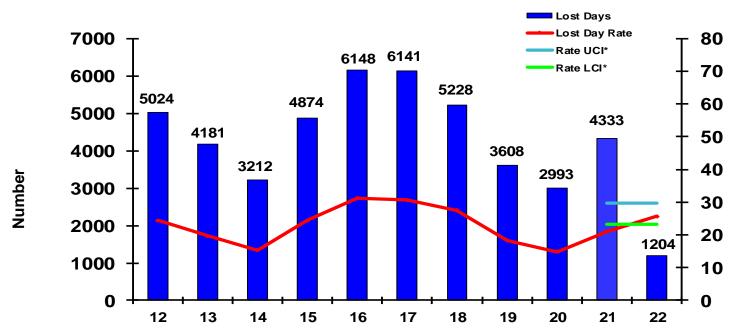
6/3.21

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

7.30/3.76



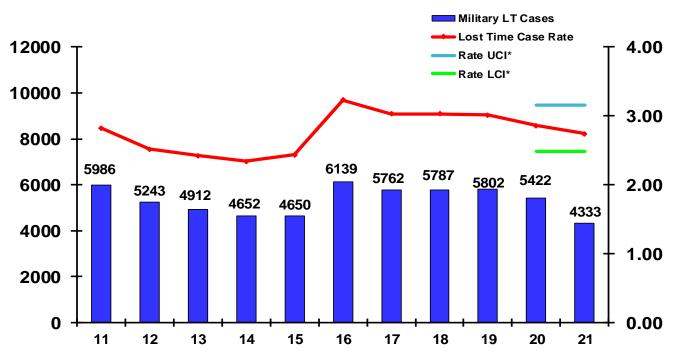
### CIVILIAN LOST WORK DAY



Lost Days/100 persons per Year

40 Dag 24

	18 Dec 21
LOST WORK DAY FY RATE COMPARISON:	25.68
FY21 LOST WORK DAY RATE:	21.10
5-YEAR AVERAGE (FY17-21) LOST WORK DAY RATE:	22.63



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

<sup>\*</sup>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

4 Feb 2022 (NAB Coronado, CA) SVM died at hospital after physical training.

#### USN ON-DUTY MOTOR VEHICLE CLASS A MISHAPS

· No Reported Mishaps this period.

#### **USN PRIVATE MOTOR VEHICLE FATALITIES**

- 1 Mar 2022 (New Orleans, LA) SVM struck by motor vehicle and died.
- 13 Feb 2022 (Camarillo, CA) SVM died in a motorcycle accident.
- 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

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

- 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.

#### USMC GROUND CLASS A MISHAPS

- 16 Feb 2022 (San Diego, CA) F-35B engine damaged during shipment.
- 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

- 05 Feb 2022 (Greenbelt, MD) SVM was passenger in motor vehicle accident, died on scene.
- 04 Feb 2022 (Noborikawa, Japan) SVM involved in motor vehicle accident, died at the hospital.
- 04 Feb 2022 (Uruma, Japan) SVM involved in motor vehicle accident, died at the hospital.
- 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).