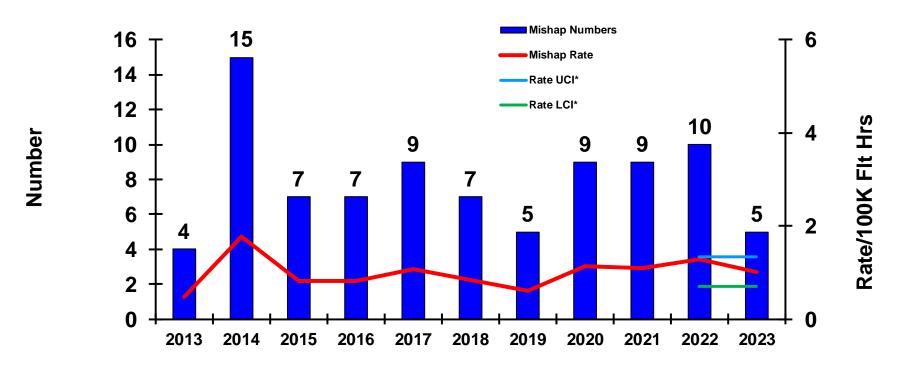


CLASS A FLIGHT MISHAPS

Manned Aircraft Only



CLASS A MISHAPS/MISHAP RATE FY COMPARISON:

FY22 MISHAPS/MISHAP RATE:

10-YEAR AVERAGE (FY13-FY22) MISHAPS/MISHAP RATE: 8.20

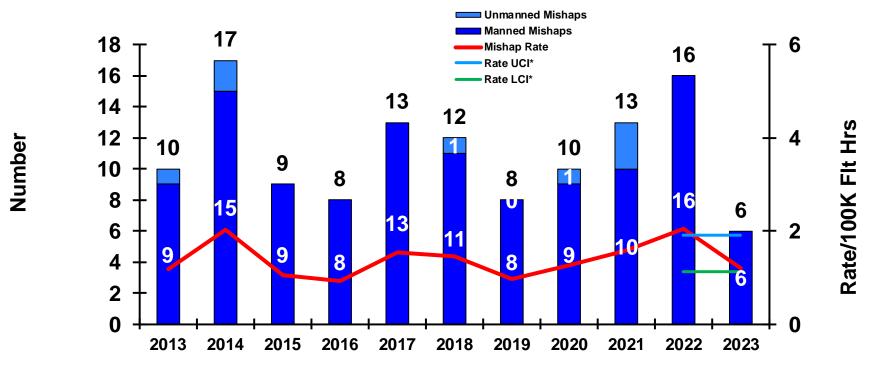
7-Jun-23 7-Jun-22 5/1.00 7/1.31

10/1.28

8.20/0.99



CLASS A AVIATION MISHAPS

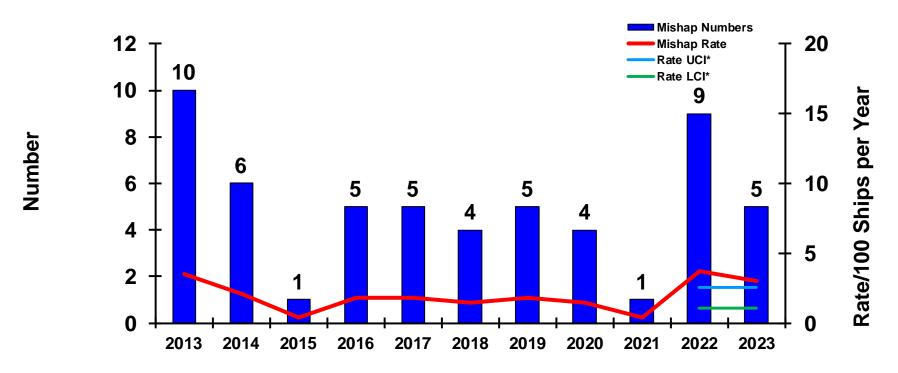


CLASS A MISHAPS/MISHAP RATE FY COMPARISON: 7-Jun-23 7-Jun-22 8/1.50

FY22 MISHAPS/MISHAP RATE: 16/2.05 10-YEAR AVERAGE (FY13-FY22) MISHAPS/MISHAP RATE: 11.60/1.38



CLASS A AFLOAT MISHAPS

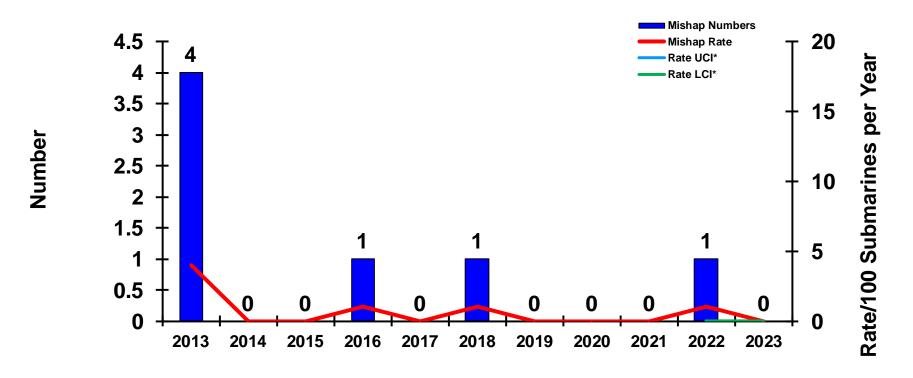


CLASS A MISHAPS/MISHAP RATE FY COMPARISON: 5/3.00 6/3.60
FY22 MISHAPS/MISHAP RATE: 9/3.70

10-YEAR AVERAGE (FY13-FY22) MISHAPS/MISHAP RATE: 5.00/1.84



CLASS A SUBMARINE MISHAPS

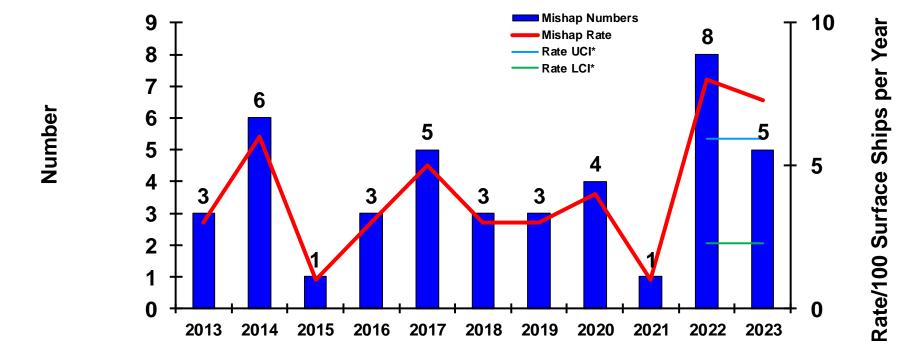


CLASS A MISHAPS/MISHAP RATE FY COMPARISON: 0/0.00 1/1.00

FY22 MISHAPS/MISHAP RATE: 1/1.00 10-YEAR AVERAGE (FY13-FY22) MISHAPS/MISHAP RATE: 0.70/0.70



CLASS A SURFACE SHIP MISHAPS

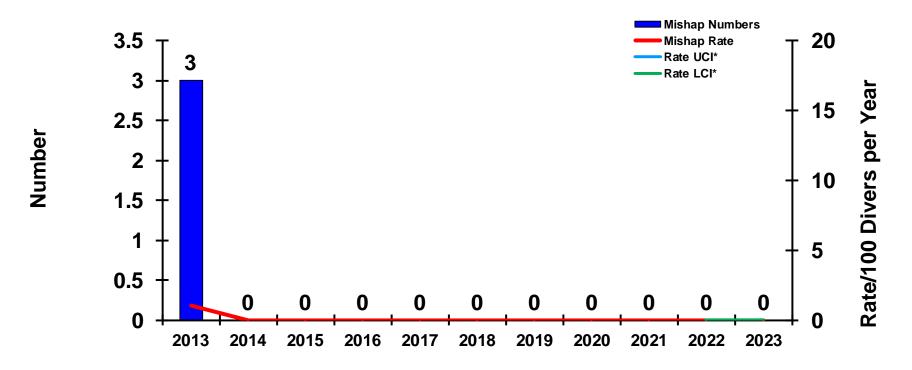


CLASS A MISHAPS/MISHAP RATE FY COMPARISON: 5/2.48 5/2.48

FY22 MISHAPS/MISHAP RATE: 8/2.70 10-YEAR AVERAGE (FY13-FY22) MISHAPS/MISHAP RATE: 3.70/3.70



CLASS A DIVING MISHAPS



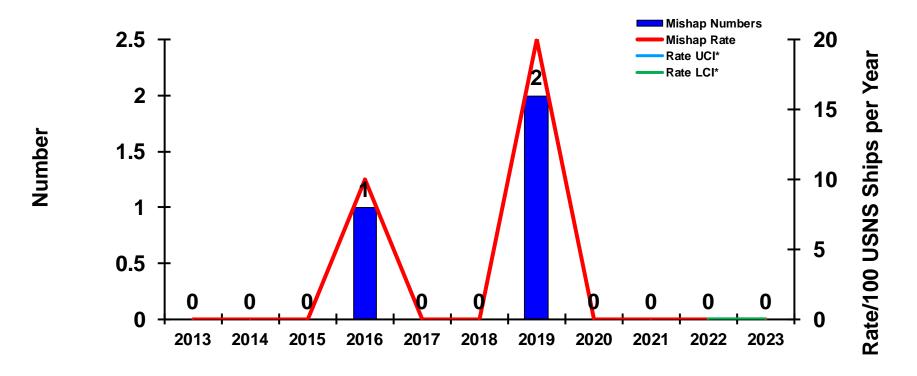
7-Jun-23 7-Jun-22 CLASS A MISHAPS/MISHAP RATE FY COMPARISON: 0/0.00 0/0.00

FY22 MISHAPS/MISHAP RATE: 0/0.00

10-YEAR AVERAGE (FY13-FY22) MISHAPS/MISHAP RATE: 0.30/0.11



CLASS A MSC AFLOAT MISHAPS

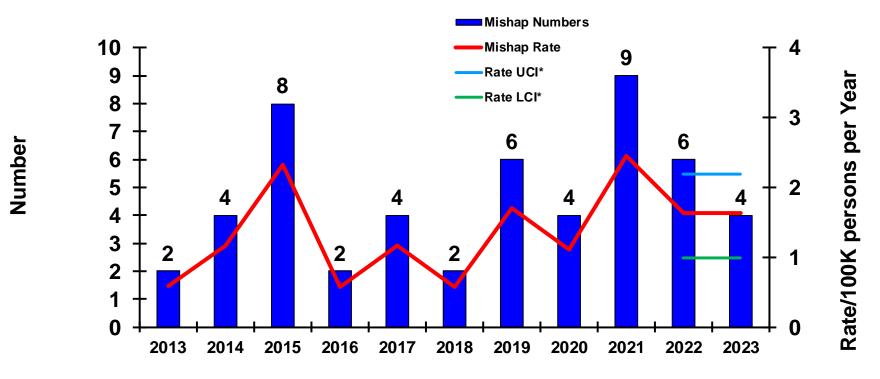


7-Jun-22 CLASS A MISHAPS/MISHAP RATE FY COMPARISON: 0/0.00 0/0.00

FY22 MISHAPS/MISHAP RATE: 0/0.00 10-YEAR AVERAGE (FY13-FY22) MISHAPS/MISHAP RATE: 0.30/3.00



CLASS A SHORE ON-DUTY MISHAPS



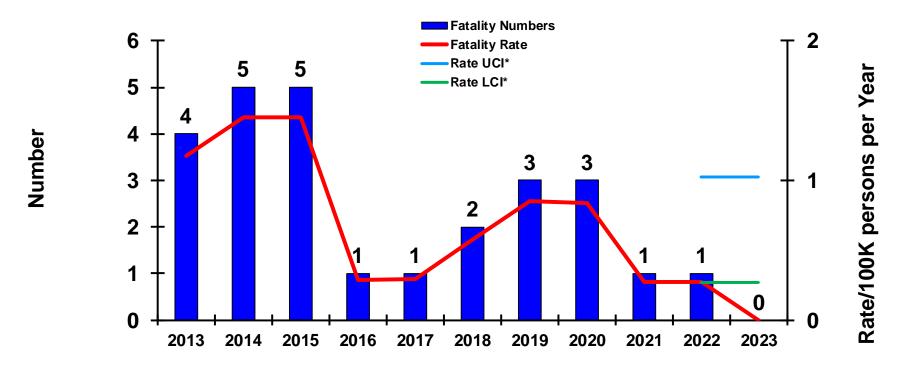
CLASS A MISHAPS/MISHAP RATE FY COMPARISON: 4/1.63 5/1.99

FY22 MISHAPS/MISHAP RATE: 6/1.63

10-YEAR AVERAGE (FY13-FY22) MISHAPS/MISHAP RATE: 4.70/1.33



PHYSICAL TRAINING FATALITIES



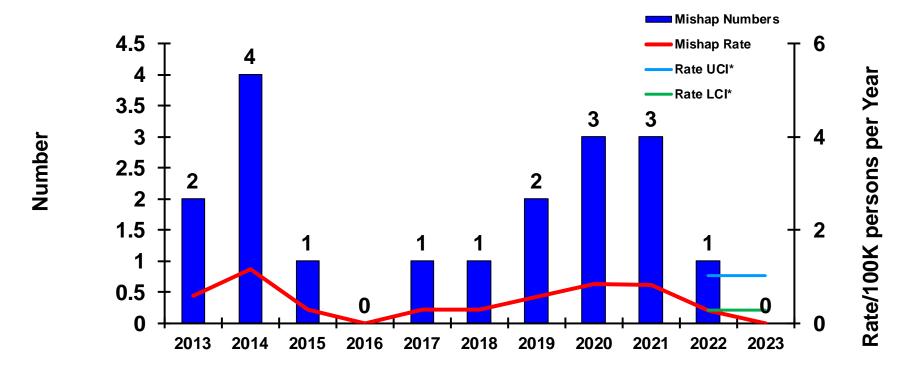
FATALITIES/FATALITY RATE FY COMPARISON: 0/0.00 1/0.40

FY22 FATALITIES/FATALITY RATE: 1/0.27

10-YEAR AVERAGE (FY13-FY22) FATALITIES/FATALITY RATE: 2.60/0.75



CLASS A ON-DUTY MV MISHAPS

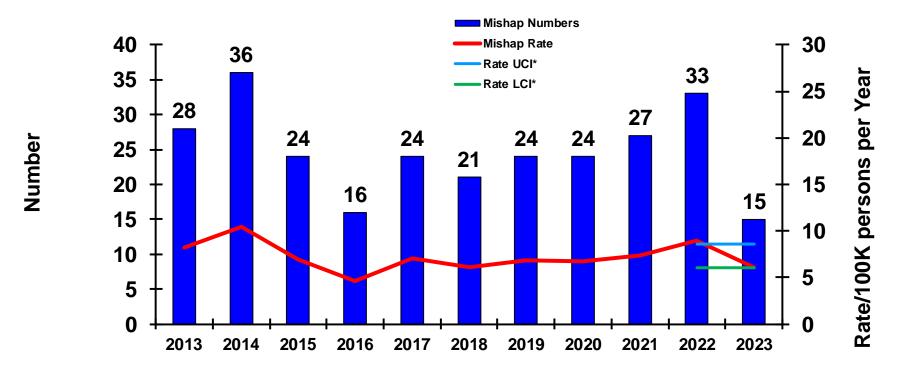


7-Jun-23 7-Jun-22
CLASS A MISHAPS/MISHAP RATE FY COMPARISON: 0/0.00 1/0.40

FY22 MISHAPS/MISHAP RATE: 1/0.27 10-YEAR AVERAGE (FY13-FY22) MISHAPS/MISHAP RATE: 1.80/0.51



TOTAL CLASS A ON-DUTY MISHAPS



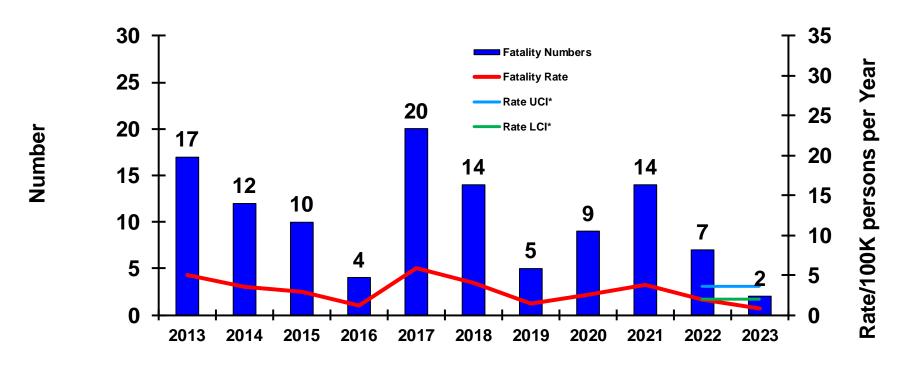
7-Jun-23 7-Jun-22 CLASS A MISHAPS/MISHAP RATE FY COMPARISON: 15/6.10 21/8.34

FY22 MISHAPS/MISHAP RATE: 33/8.98

10-YEAR AVERAGE (FY13-FY22) MISHAPS/MISHAP RATE: 25.70/7.32



ON-DUTY FATALITIES



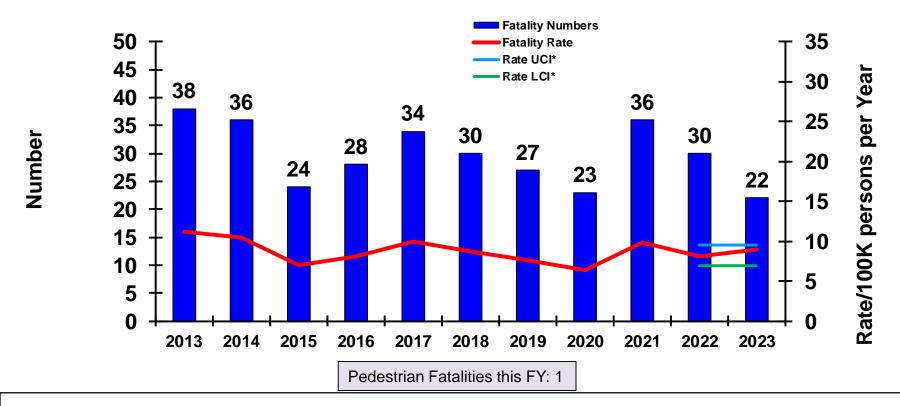
<u>7-Jun-23</u> <u>7-Jun-22</u> CLASS A FATALITIES/FATALITY RATE FY COMPARISON: 2/0.81 5/1.99

FY22 FATALITIES/FATALITY RATE: 7/1.90

10-YEAR AVERAGE (FY13-FY22) FATALITIES/FATALITY RATE: 11.20/3.21



TOTAL PMV FATALITIES

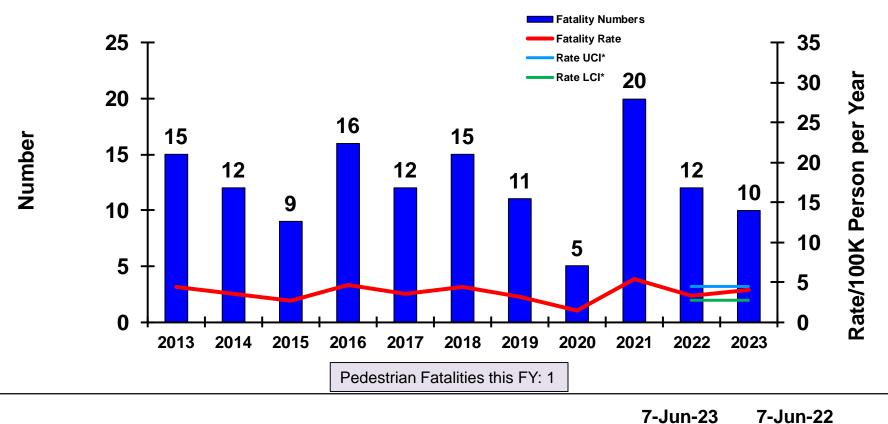


CLASS A FATALITIES/FATALITY RATE FY COMPARISON: 22/8.95 16/6.35
FY22 FATALITIES/FATALITY RATE: 30/8.16

10-YEAR AVERAGE (FY13-FY22) FATALITIES/FATALITY RATE: 30.60/8.73



PMV-4 FATALITIES



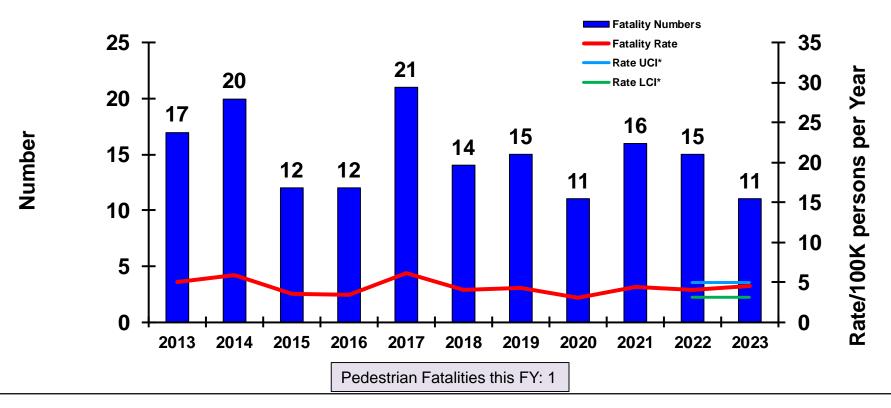
CLASS A FATALITIES/FATALITY RATE FY COMPARISON: 10/4.07 5/1.99

FY22 FATALITIES/FATALITY RATE: 12/3.26

10-YEAR AVERAGE (FY13-FY22) FATALITIES/FATALITY RATE: 12.70/3.62



PMV-2 FATALITIES



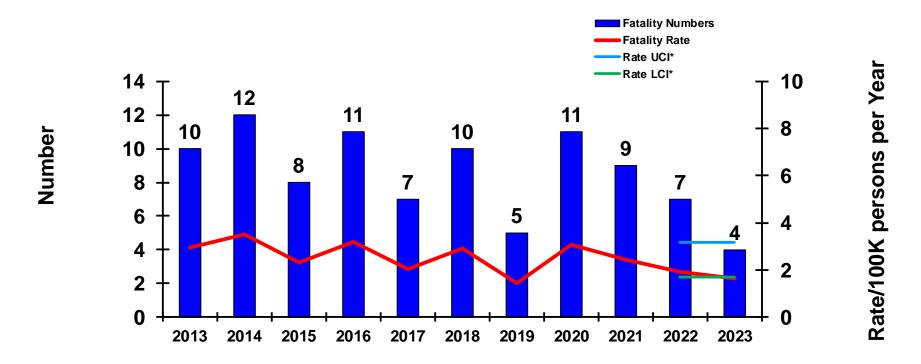
CLASS A FATALITIES/FATALITY RATE FY COMPARISON: 11/4.47 9/3.57

FY22 FATALITIES/FATALITY RATE: 15/4.08

10-YEAR AVERAGE (FY13-FY22) FATALITIES/FATALITY RATE: 15.30/4.37



OFF-DUTY/REC FATALITIES



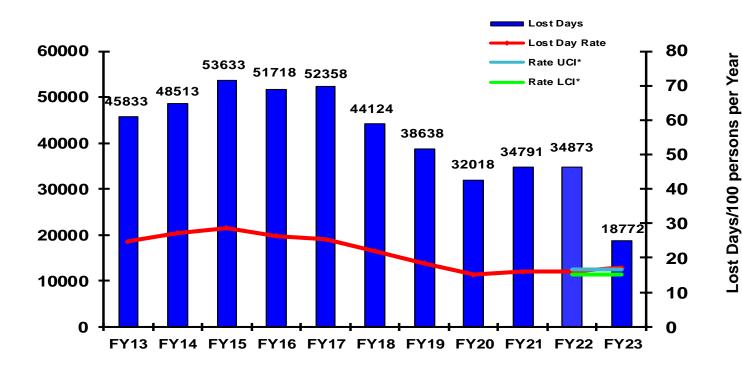
CLASS A FATALITIES/FATALITY RATE FY COMPARISON: 4/1.63 3/1.19

FY22 FATALITIES/FATALITY RATE: 7/1.90

10-YEAR AVERAGE (FY13-FY22) FATALITIES/FATALITY RATE: 9.00/2.57



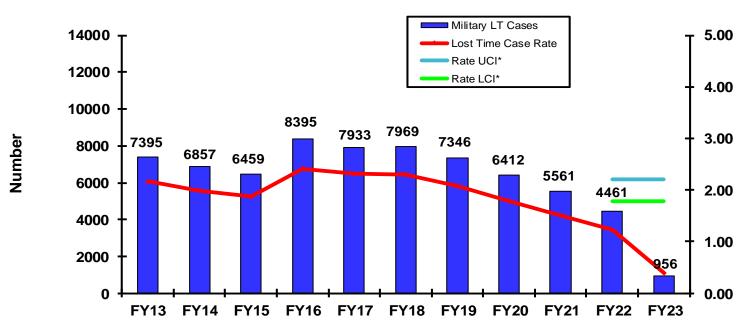
CIVILIAN LOST WORK DAY



LOST WORK DAY FY RATE COMPARISON: 17.14
FY22 LOST WORK DAY RATE: 15.90
5-YEAR AVERAGE (FY18-22) LOST WORK DAY RATE: 17.51



MILITARY LOST TIME CASE RATE



	<u>07 Jun 23</u>
LOST WORK TIME CASE RATE:	0.40
FY22 LOST TIME CASE RATE:	1.23
5-YEAR AVERAGE (FY18-22) LOST TIME CASE RATE:	1.99

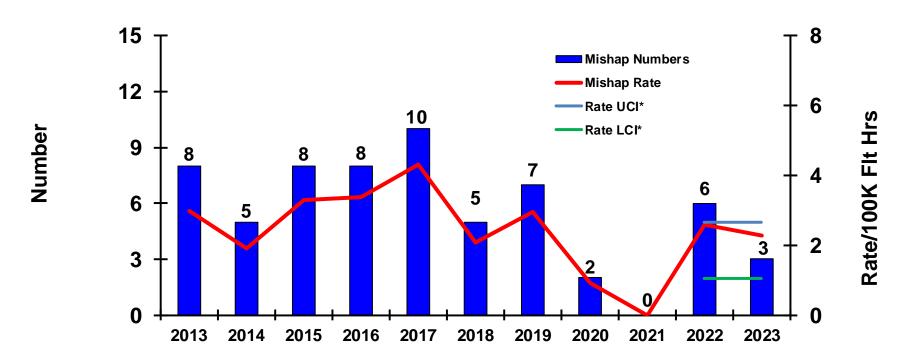
Lost Time Cases/100 persons per Year

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



CLASS A FLIGHT MISHAPS

Manned Aircraft Only



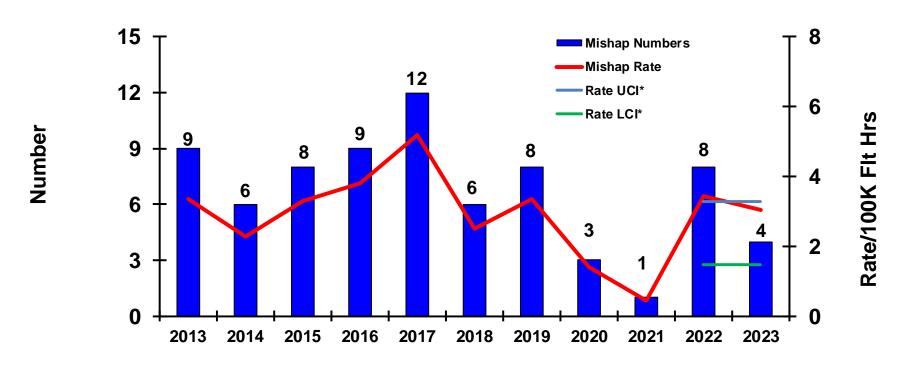
CLASS A FM/FM RATE FY COMPARISON: 3/2.27 4/2.53

FY22 MISHAPS/MISHAP RATE: 6/2.57

10-YEAR AVERAGE (FY13-FY22) MISHAPS/MISHAP RATE: 5.90/2.44



CLASS A AVIATION MISHAPS



CLASS A MISHAPS/MISHAP RATE FY COMPARISON: 4/3.03 6/3.79

FY22 MISHAPS/MISHAP RATE: 8/3.43

7-Jun-23

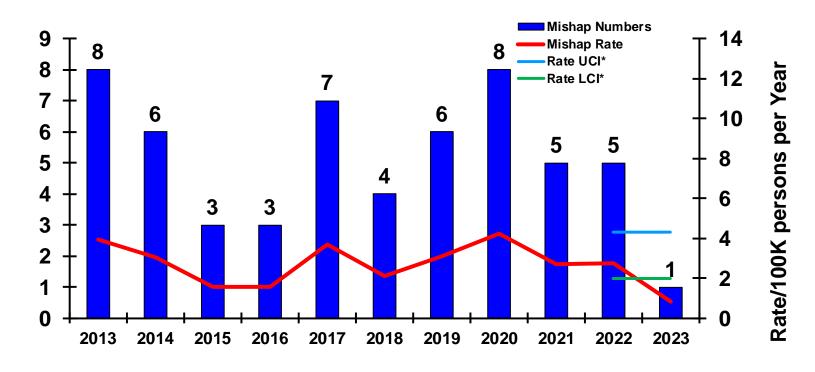
7-Jun-22

10-YEAR AVERAGE (FY13-FY22) MISHAPS/MISHAP RATE: 7.00/2.90



CLASS A GROUND ON-DUTY MISHAPS





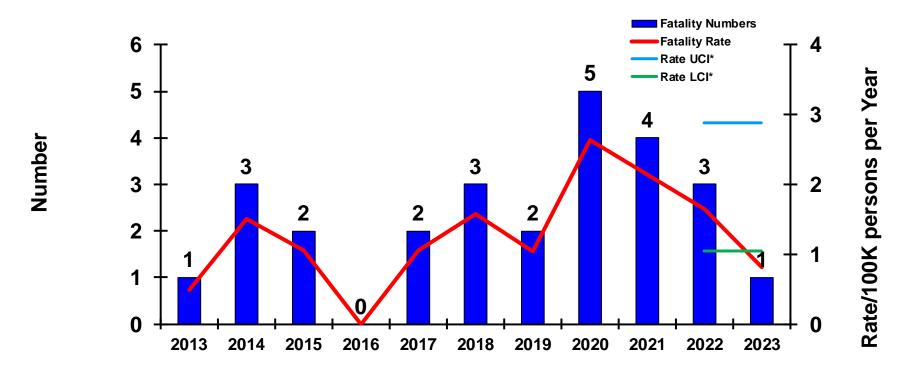
CLASS A MISHAPS/MISHAP RATE FY COMPARISON: 1/0.82 3/2.41

FY22 MISHAPS/MISHAP RATE: 5/2.75

10-YEAR AVERAGE (FY13-FY22) MISHAPS/MISHAP RATE: 5.50/2.86



PHYSICAL TRAINING FATALITIES



CLASS A FATALITIES/FATALITY RATE FY COMPARISON:

1/0.82

1/0.80

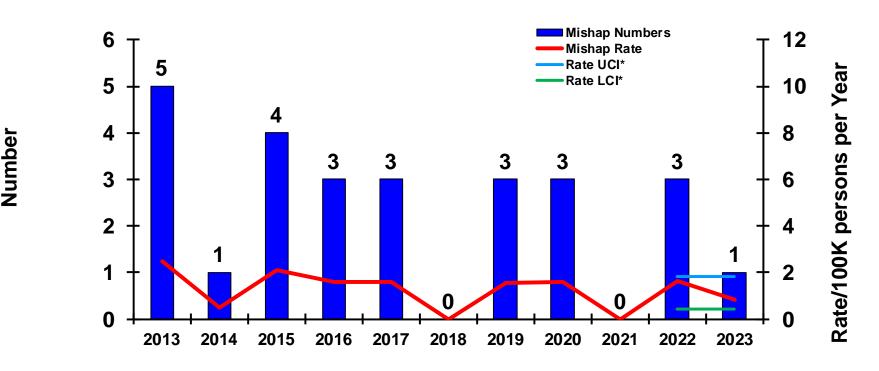
FY22 FATALITIES/FATALITY RATE:

3/1.65

10-YEAR AVERAGE (FY13-FY22) FATALITIES/FATALITY RATE: 2.50/1.31



CLASS A ON-DUTY MV MISHAPS



CLASS A MISHAPS/MISHAP RATE FY COMPARISON: 1/0.82 2/1.60

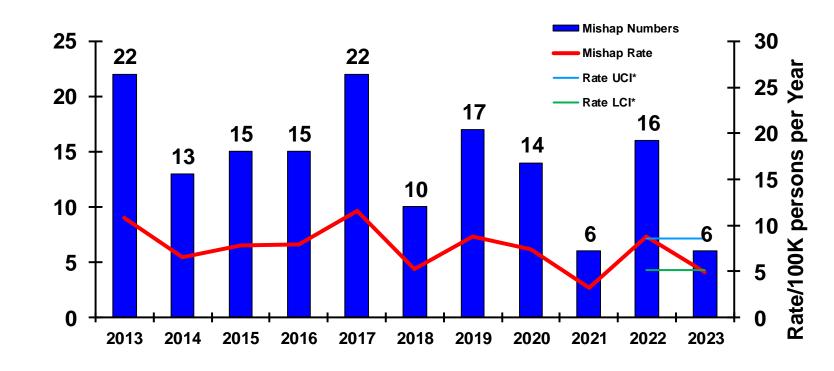
FY22 MISHAPS/MISHAP RATE: 3/1.65

10-YEAR AVERAGE (FY13-FY22) MISHAPS/MISHAP RATE: 2.50/1.30



Number

TOTAL CLASS A ON-DUTY MISHAPS



7-Jun-23 7-Jun-22

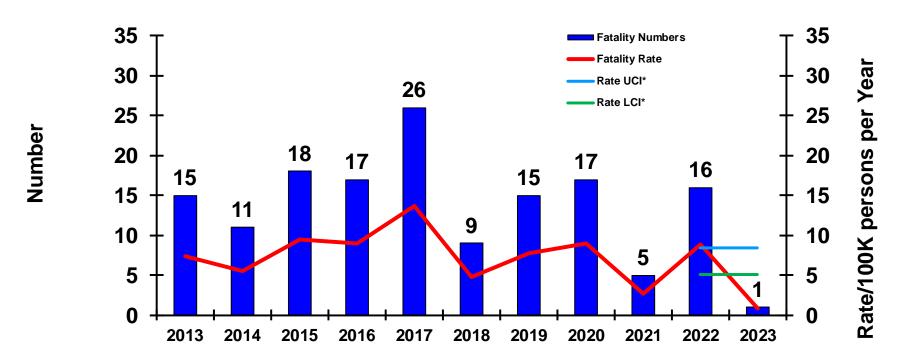
CLASS A MISHAPS/MISHAP RATE FY COMPARISON: 6/4.93 11/8.86

FY22 MISHAPS/MISHAP RATE: 16/8.79

10-YEAR AVERAGE (FY13-FY22) MISHAPS/MISHAP RATE: 15.00/7.81



ON-DUTY FATALITIES



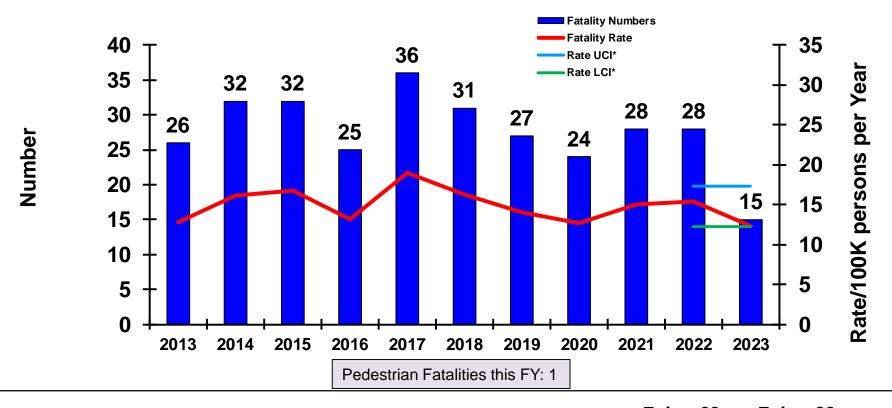
CLASS A FATALITIES/FATALITY RATE FY COMPARISON: 1/0.82 9/7.22

FY22 FATALITIES/FATALITY RATE: 16/8.79

10-YEAR AVERAGE (FY13-FY22) FATALITIES/FATALITY RATE: 14.90/7.79



TOTAL PMV FATALITIES

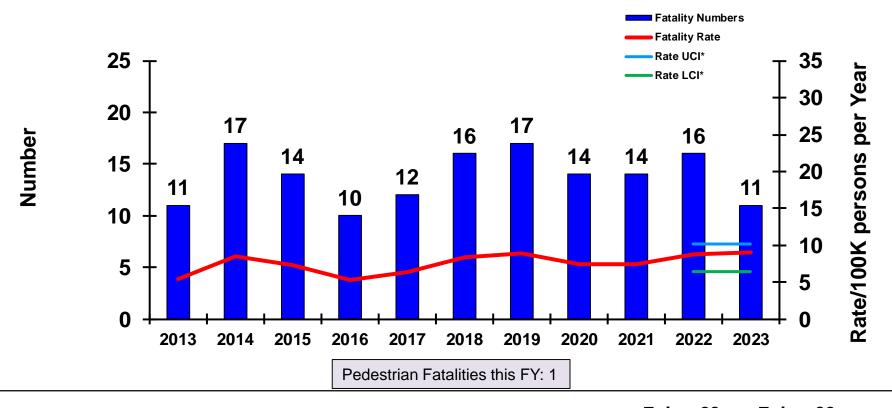


7-Jun-22 CLASS A FATALITIES/FATALITY RATE FY COMPARISON: 15/12.29 15/12.03

FY22 FATALITIES/FATALITY RATE: 28/15.39 10-YEAR AVERAGE (FY13-FY22) FATALITIES/FATALITY RATE: 28.90/15.10



PMV-4 FATALITIES



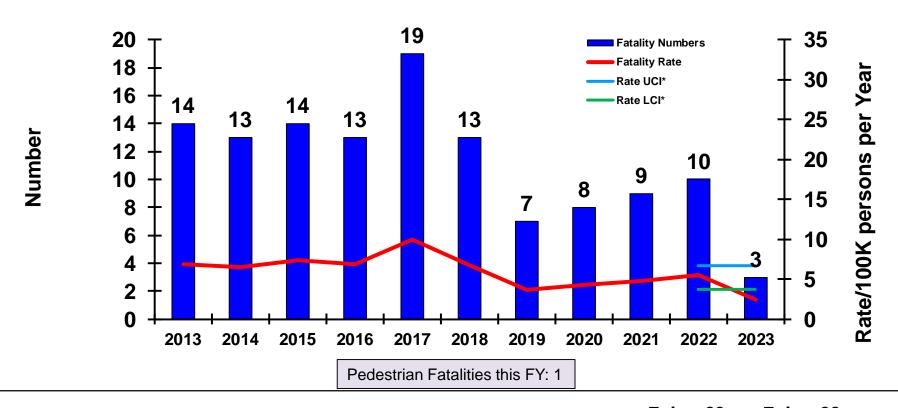
CLASS A FATALITIES/FATALITY RATE FY COMPARISON: 11/9.01 5/4.03

FY22 FATALITIES/FATALITY RATE: 16/8.79

10-YEAR AVERAGE (FY13-FY22) FATALITIES/FATALITY RATE:14.10/7.37



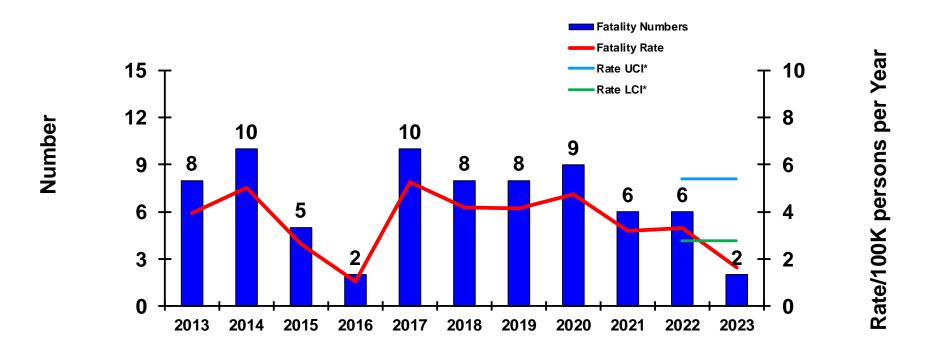
PMV -2 FATALITIES



CLASS A FATALITIES/FATALITY RATE FY COMPARISON: 3/2.46 7/5.62
FY22 FATALITIES/FATALITY RATE: 10/5.49
10-YEAR AVERAGE (FY13-FY22) FATALITIES/FATALITY RATE: 12.00/6.26



OFF-DUTY/REC FATALITIES

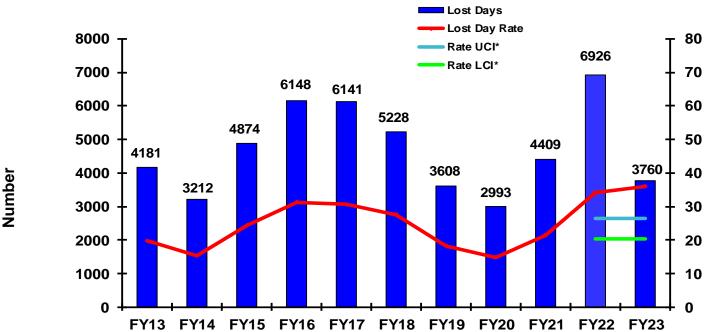


7-Jun-23 7-Jun-22 5/4.03 CLASS A FATALITIES/FATALITY RATE FY COMPARISON: 2/1.64 **FY22 FATALITIES/FATALITY RATE:** 6/3.30

10-YEAR AVERAGE (FY13-FY22) FATALITIES/FATALITY RATE: 7.20/3.75



CIVILIAN LOST WORK DAY

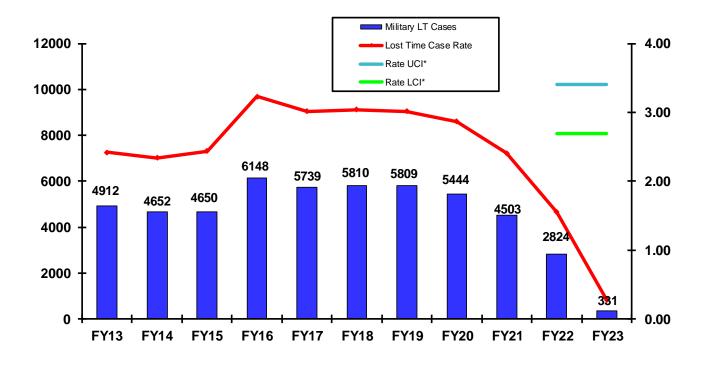


LOST WORK DAY FY RATE COMPARISON: 36.09
FY22 LOST WORK DAY RATE: 34.20
5-YEAR AVERAGE (FY18-22) LOST WORK DAY RATE: 24.24

*see last slide for definition of UCI/LCI

Number

MILITARY LOST TIME CASE RATE



LOST WORK TIME CASE RATE: 0.28
FY22 LOST TIME CASE RATE: 1.55
5-YEAR AVERAGE (FY18-22) LOST TIME CASE RATE: 3.04

^{*}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)

- 6 Jun 2023 (Location Withheld OPSEC) 3 x EA-18G struck by lightning. All aircraft landed safely, no injuries to aircrew.
- 31 May 2023 (IVO Key West, FL) F-5N crashed during training mission, pilot ejected safely.
- 18 Mar 2023 (Location Withheld OPSEC) F/A-18F damaged by JBD during flight operations, no injuries to personnel.
 (AGM)
- 17 Jan 2023 (Foley, Alabama) Aircraft crashed during a training flight. Both pilots successfully ejected, no major injuries reported.
- 22 Nov 2022 (NAS Oceana, Virginia Beach, VA) F/A-18E had engine fire in flight. Landed safely, no injuries to aircrew.
- 21 Nov 2022 (NAS Oceana, Virginia Beach, CA) F/A-18F blown tire on takeoff resulted in fuselage and engine damage. Aircraft recovered safely, no injuries.

USN AFLOAT CLASS A MISHAPS

- 8 May 2023 (Location Withheld OPSEC) Naval craft sustained damage underway, no injury to crew.
- 3 Mar 2023 (Location Withheld OPSEC) USS Ship experienced malfunction, no injuries to crew.
- 11 Dec 2022 (IVO Okinawa, Japan) SVM sustained head injury during fall at work, succumbed to injuries on 22 Dec 2022.
- 24 Oct 2022 (Location Withheld OPSEC) Damage sustained to ship systems.
- 18 Oct 2022 (Location Withheld OPSEC) Ship experienced underway malfunction at sea, no injury to crew.

USN SHORE CLASS A MISHAPS

- 19 Feb 2023 (Location Withheld-OPSEC) SVM involved in parachute training mishap, succumbed to injuries.
- 15 Dec 2022 (Fort Worth NAS JRB, TX) Government owned engine damaged during contractor owned F-35B landing mishap, no injuries to aircrew.
- 29 Nov 2022 (Pearl Harbor, HI) AFFF accidental discharge at facility.
- 5 Oct 2022 (Fort Worth NAS JRB, TX) A USN engine in a contractor F-35 sustained FOD damage during flight.

USN PHYSICAL TRAINING CLASS A MISHAPS

NSTR

USN ON-DUTY MOTOR VEHICLE CLASS A MISHAPS

NSTR

Navy Short Narratives

USN PRIVATE MOTOR VEHICLE FATALITIES

- 26 May 2023 (Brinnon, WA) SVM involved in a motorcycle accident, died at the scene.
- 25 May 2023 (Norfolk, VA) SVM involved in a motorcycle accident, died at the scene.
- 5 May 2023 (South Bahrain, Bahrain) SVM involved in a motorcycle accident, died at scene.
- 2 May 2023 (North Charleston, SC) SVM involved in a single motorcycle accident, succumbed to injuries.
- 2 Apr 2023 (Coupeville, VA) SVM was passenger in a motor vehicle accident, died at scene.
- 31 Mar 2023 (San Diego, CA) SVM involved in a motor vehicle accident, died at scene.
- 26 Feb 2023 (Augusta, GA) SVM involved in a motorcycle accident, died at scene.
- 25 Feb 2023 (San Diego, CA) SVM involved in a motorcycle accident, succumbed to injuries.
- 18 Feb 2023 (Waterford, CT) SVM passenger in a motor vehicle accident, died at scene.
- 13 Jan 2023 (San Diego, CA) SVM involved in a motorcycle accident, succumbed to injuries at hospital on 21 Jan 2023.
- 12 Jan 2023 (San Diego, CA) SVM struck by motor vehicle, died at scene.
- 9 Jan 2023 (Lake County, IL) SVM involved in motor vehicle accident, died at scene.
- 6 Jan 2023 (IVO Ventura County, CA) SVM involved in a motorcycle accident, died at scene.
- 1 Jan 2023 (Hamilton County, FL) SVM involved in motor vehicle accident, died at scene.
- 26 Dec 2022 (Lemoore, CA) 2 x SVMs involved in a motor vehicle accident, both died at scene.
- 25 Dec 2022 (Pensacola, FL) SVM involved in motor vehicle accident, succumbed to injuries.
- 11 Dec 2022 (Nueces County, TX) SVM involved in a motorcycle accident, died at scene.
- 10 Dec 2022 (Camp Pendleton, CA) SVM involved in a motor vehicle accident, died at scene.
- 10 Dec 2022 (Norfolk, VA) SVM involved in a motor vehicle accident, died at scene.
- 16 Oct 2022 (Augusta, GA) SVM involved in a motorcycle accident, died at scene.
- 10 Oct 2022 (Chesapeake, VA) SVM involved in a motorcycle accident, died at scene.

USN OFF-DUTY/RECREATIONAL FATALITIES

- 19 Apr 2023 (Waukegan Harbor, Waukegan, IL) SVM drowned in lake.
- 13 Feb 2023 (Guam) SVM drowned swimming, died at scene.
- 6 Nov 2022 (Fernandina Beach, FL) SVM died enroute to hospital following swimming mishap.
- 1 Oct 2022 (Rota, Spain) SVM fell from balcony, died at scene.

Marine Corps Short Narratives

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

- 16 May 2023 (IVO Iwakuni, Japan) F-35B experienced in-flight FOD incident, landed safely, no injury to crew.
- 11 May 2023 (IVO MCAS Camp Pendleton, CA) CH-53E experienced a hard landing. 12 passengers sustained non-life threatening injuries.
- 14 Oct 2022 (MCAS Miramar, San Diego, CA) MV-22B engine fire on short final. Aircraft landed safely but received significant burn damage. No injuries.
- 6 Jan 2023 ((MCAS Cherry Point, NC) Inadvertent AFFF discharged in a hangar. Several aircraft and ground equipment were damaged. No injuries reported. (AGM)

<u>USMC GROUND CLASS A MISHAPS</u>

NSTR

USMC PHYSICAL TRAINING CLASS A MISHAPS

• 18 Apr 2023 (Parris Island) SVM collapsed during PFT, died.

USMC ON-DUTY MOTOR VEHICLE CLASS A MISHAPS

• 13 Oct 2022 (IVO MCB Camp Pendleton, CA) During amphibious operations, 1 x ACV rolled over in surf. No injuries to crew.

USMC PRIVATE MOTOR VEHICLE FATALITIES

- 22 May 2023 (Yuma, AZ) SVM involved in a motorcycle accident, succumbed to injuries.
- 10 Mar 2023 (Kinston, NC) SVM involved in a motor vehicle accident, succumbed to injuries at hospital on 31 Mar 23.
- 20 Feb 2023 (El Centro, CA) SVM was passenger in a motor vehicle accident, died at scene.
- 10 Feb 2023 (Jacksonville, NC) SVM involved in motorcycle accident, died at scene.
- 8 Feb 2023 (Oceanside, CA) SVM involved in motor vehicle accident, died at scene.
- 29 Jan 2023 (Rantoul, KS) SVM involved in motor vehicle accident, died at scene.
- 17 Jan 2023 (New Orleans, LA) SVM involved in motor vehicle accident, died at scene.
- 14 Jan 2023 (San Diego, CA) SVM involved in a motorcycle accident, died at scene.
- 2 Jan 2023 (Camp Pendleton, CA) SVM involved in motor vehicle accident, died at scene.
- 1 Jan 2023 (Boaz, AL) SVM involved in motor vehicle accident, died at scene.
- 20 Nov 2022 (Dekalb County, GA) SVM involved in minor motor vehicle accident, exited vehicle, struck by another vehicle. Died at scene.

Marine Corps Short Narratives

USMC OFF-DUTY/RECREATIONAL FATALITIES

- 20 Nov 2022 (El Centro, CA) SVM involved in a motor vehicle accident, died on scene.
- 13 Nov 2022 (Sacramento, CA) SVM involved in a motor vehicle accident, died at scene.
- 5 Nov 2022 (Laguna Niguel, CA) SVM involved in a motor vehicle accident, deceased on scene.
- 1 Oct 2022 (Alta Vista, VA) SVM involved in a motor vehicle accident when tree fell on car, died at scene.
- 23 Mar 2023 (Location Withheld OPSEC) SVM on leave, fell off boat, hit head and died.
- 13 Feb 23 (Asheville, NC) SVM fell while riding skateboard, suffered head injury. Transported to hospital, succumbed to injuries on 14 Feb 23.



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 endof-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).