CLASS A FLIGHT MISHAPS

Manned Aircraft Only

24-Nov-21 24-Nov-20

4/3.13 2/1.56

CLASS A MISHAPS/MISHAP RATE FY COMPARISON:
FY21 MISHAPS/MISHAP RATE:
10-YEAR AVERAGE (FY11-20) MISHAPS/MISHAP RATE:

*see last slide for definition of UCI/LCI
CLASS A AVIATION MISHAPS

CLASS A MISHAP RATE FY COMPARISON:

- FY21 MISHAPS/MISHAP RATE: 4/3.13
- 10-YEAR AVERAGE (FY11-20) MISHAPS/MISHAP RATE: 11.80/1.40

*see last slide for definition of UCI/LCI*
CLASS A AFLOAT MISHAPS

CLASS A MISHAPS/MISHAP RATE FY COMPARISON:

- FY21 MISHAPS/MISHAP RATE:
  - 1/0.32
- 10-YEAR AVERAGE (FY11-20) MISHAPS/MISHAP RATE:
  - 4.60/1.49

*see last slide for definition of UCI/LCI
CLASS A SHORE ON-DUTY MISHAPS

CLASS A MISHAPS/MISHAP RATE FY COMPARISON:

- 24-Nov-21: 0/0.00
- 24-Nov-20: 1/1.84

FY21 MISHAPS/MISHAP RATE: 8/2.18
10-YEAR AVERAGE (FY11-20) MISHAPS/MISHAP RATE: 4.10/1.17

*see last slide for definition of UCI/LCI
PHYSICAL TRAINING FATALITIES

FATALITIES/FATALITY RATE FY COMPARISON:

<table>
<thead>
<tr>
<th></th>
<th>24-Nov-21</th>
<th>24-Nov-20</th>
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<tr>
<td>Fatality Numbers</td>
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<td>Fatality Rate</td>
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<tr>
<td>Rate UCI*</td>
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10-YEAR AVERAGE (FY11-20) FATALITIES/FATALITY RATE:

2.80/0.81

*see last slide for definition of UCI/LCI
CLASS A ON-DUTY MV MISHAPS

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

*see last slide for definition of UCI/LCI
TOTAL CLASS A ON-DUTY MISHAPS

CLASS A MISHAPS/MISHAP RATE FY COMPARISON:
FY21 MISHAPS/MISHAP RATE: 29/7.89
10-YEAR AVERAGE (FY11-20) MISHAPS/MISHAP RATE: 25.20/7.25

24-Nov-21 5/9.03
24-Nov-20 5/9.19

*see last slide for definition of UCI/LCI
ON-DUTY FATALITIES

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

*see last slide for definition of UCI/LCI
4-WHEEL PMV FATALITIES

Class A Fatalities/Fatality Rate FY Comparison:

- FY21 Fatalities/Fatality Rate: 20/5.44
- 10-Year Average (FY11-20) Fatalities/Fatality Rate: 13.00/3.74

Pedestrian fatalities not included

*see last slide for definition of UCI/LCI
MOTORCYCLE PMV FATALITIES

CLASS A FATALITIES/FATALITY RATE FY COMPARISON:
- FY21 FATALITIES/FATALITY RATE: 17/4.62
- 10-YEAR AVERAGE (FY11-20) FATALITIES/FATALITY RATE: 15.90/4.59

24-Nov-21 2/3.61  
24-Nov-20 3/5.52

*see last slide for definition of UCI/LCI
OFF-DUTY/REC FATALITIES

CLASS A FATALITIES/FATALITY RATE FY COMPARISON:

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

24-Nov-21 24-Nov-20
1/1.81 1/1.84

*see last slide for definition of UCI/LCI
CIVILIAN LOST WORK DAY

LOST WORK DAY FY RATE COMPARISON:

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

16 Nov 21

*see last slide for definition of UCI/LCI
LOST WORK TIME CASE RATE:

16 Nov 21

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:

24-Nov-21 1/2.83
24-Nov-20 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

CLASS A MISHAPS/MISHAP RATE FY COMPARISON:

24-Nov-21: 1/2.83
24-Nov-20: 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

CLASS A MISHAPS/MISHAP RATE FY COMPARISON:

- 24-Nov-21: 1/3.55
- 24-Nov-20: 0/0.00

FY21 MISHAPS/MISHAP RATE: 5/2.67
10-YEAR AVERAGE (FY11-20) MISHAPS/MISHAP RATE: 6.00/3.07

*see last slide for definition of UCI/LCI
PHYSICAL TRAINING FATALITIES

CLASS A FATALITIES/FATALITY RATE FY COMPARISON:
FY21 FATALITIES/FATALITY RATE: 4/2.14
10-YEAR AVERAGE (FY11-20) FATALITIES/FATALITY RATE: 2.50/1.29

*see last slide for definition of UCI/LCI
CLASS A ON-DUTY MV MISHAPS

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

*see last slide for definition of UCI/LCI
TOTAL CLASS A ON-DUTY MISHAPS

<table>
<thead>
<tr>
<th>Year</th>
<th>Mishap Numbers</th>
<th>Mishap Rate</th>
<th>Rate UCI*</th>
<th>Rate LCI*</th>
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<td>2020</td>
<td>14</td>
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</tbody>
</table>

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

*see last slide for definition of UCI/LCI
ON-DUTY FATALITIES

CLASS A FATALITIES/FATALITY RATE FY COMPARISON:
FY21 FATALITIES/FATALITY RATE: 1/3.55
10-YEAR AVERAGE (FY11-20) FATALITIES/FATALITY RATE: 5/2.67

*see last slide for definition of UCI/LCI
PMV FATALITIES

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

*see last slide for definition of UCI/LCI

24-Nov-21  24-Nov-20
4/14.18    7/25.28

Fatality Numbers
Fatality Rate
Rate UCI*
Rate LCI*


Number

Fatality Numbers

Rate/100K persons per Year

0 5 10 15 20 25 30 35 40


Rate UCI*
Rate LCI*
4-WHEEL PMV FATALITIES

Pedestrian fatalities not included

CLASS A FATALITIES/FATALITY RATE FY COMPARISON:

FY21 FATALITIES/FATALITY RATE: 14/7.48

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

*see last slide for definition of UCI/LCI
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

*see last slide for definition of UCI/LCI
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

*see last slide for definition of UCI/LCI
CIVILIAN LOST WORK DAY

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

*see last slide for definition of UCI/LCI
LOST WORK TIME CASE RATE

16 Nov 21

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

*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 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.
• 15 Nov 2021 (Whidbey Island NAS, WA) Aircraft damaged during sonobuoy loading operation.

USN AFLOAT CLASS A MISHAPS
• 2 Oct 2021 (Location Withheld – OPSEC) USS Submarine allision.

USN SHORE CLASS A MISHAPS
• No Reported Mishaps this period.

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
• 3 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
• 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)
• 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
• No Reported Mishaps this period.

USMC PRIVATE MOTOR VEHICLE FATALITIES
• 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.

USMC OFF-DUTY/RECREATIONAL FATALITIES
• 16 Oct 2021 (Washington, DC) SVM died on 17 October from head injury after falling down the stairs.
• 9 Oct 2021 (McLoud, OK) SVM went swimming in a lake and drowned
• UCI = Upper Confidence Interval    LCI = Lower Confidence Interval

• Rate values above the UCI or below the LCI infer a statistically significant change is probable. 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).