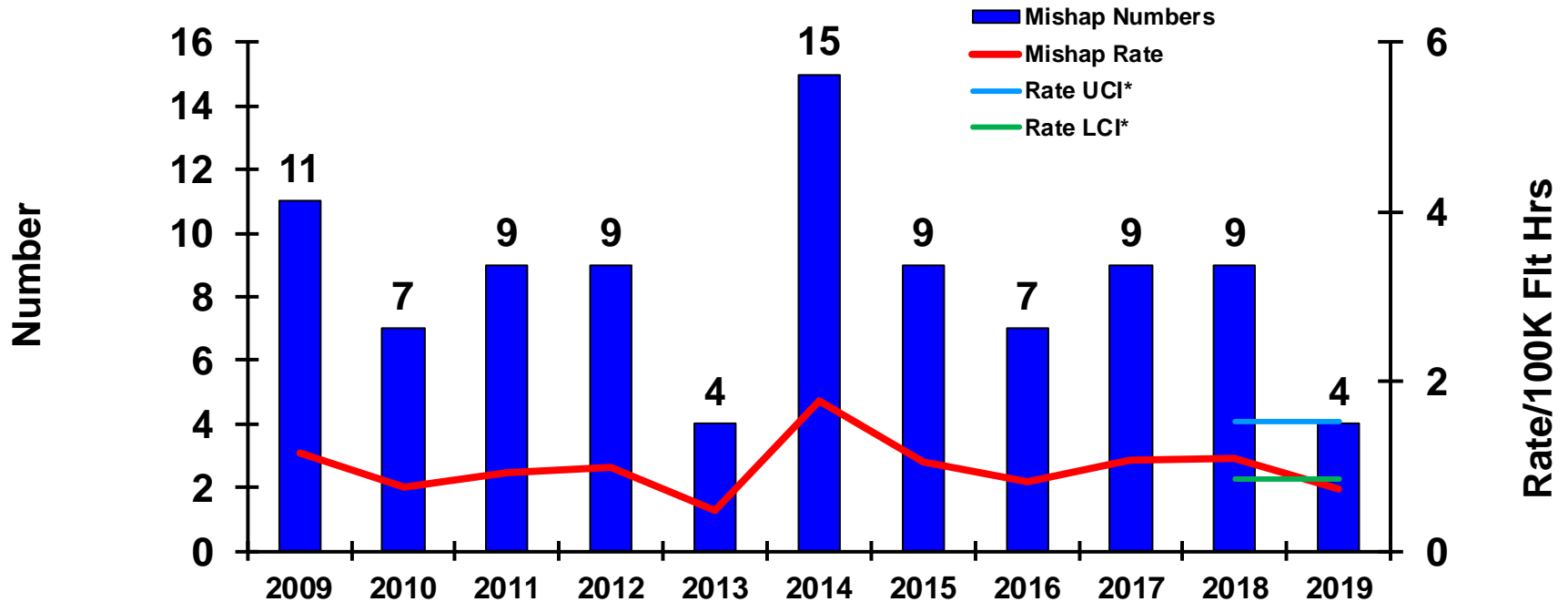




CLASS A FLIGHT MISHAPS

Manned Aircraft Only

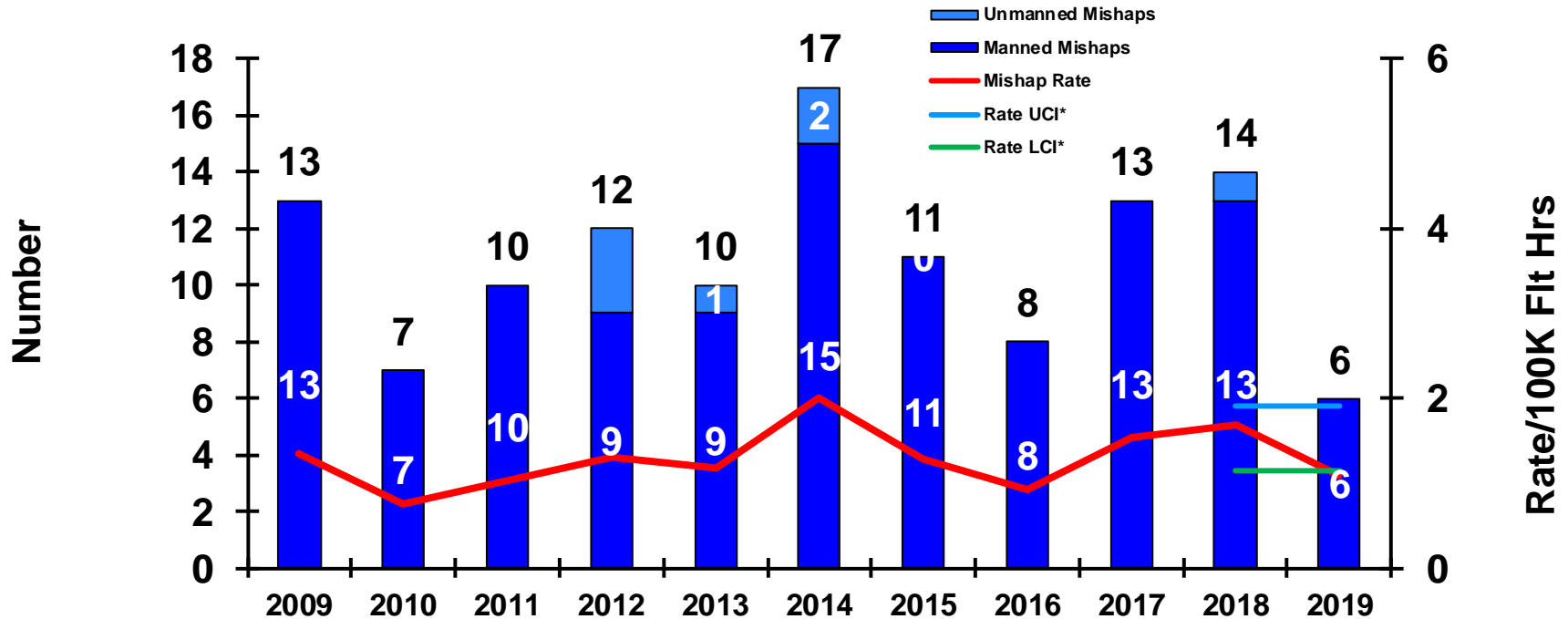


	19-Jun-19	19-Jun-18
CLASS A MISHAPS/MISHAP RATE FY COMPARISON:	4/0.73	7/1.19
FY18 MISHAPS/MISHAP RATE:	9/1.08	
10-YEAR AVERAGE (FY09-18) MISHAPS/MISHAP RATE:	8.90/1.01	

*see last slide for definition of UCI/LCI



CLASS A AVIATION MISHAPS

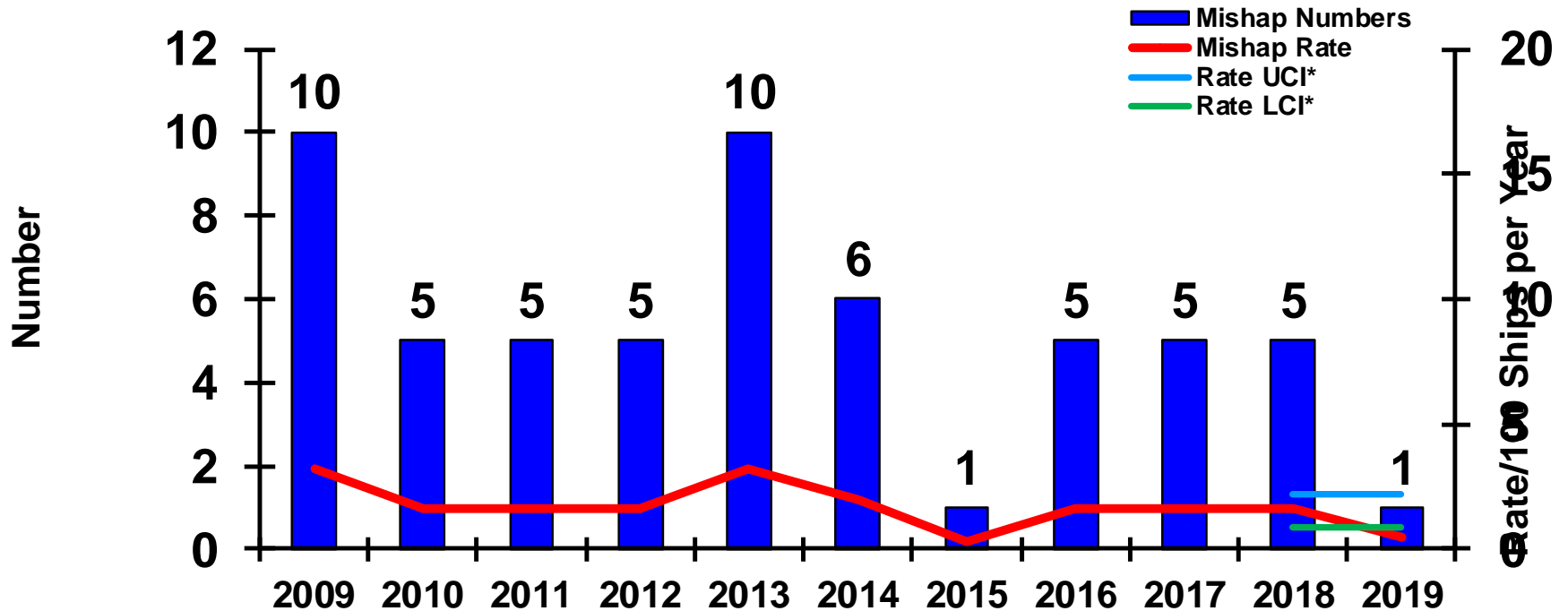


	19-Jun-19	19-Jun-18
CLASS A MISHAPS/MISHAP RATE FY COMPARISON:	6/1.09	8/1.35
FY18 MISHAPS/MISHAP RATE:	14/1.68	
10-YEAR AVERAGE (FY09-18) MISHAPS/MISHAP RATE:	11.50/1.31	

*see last slide for definition of UCI/LCI



CLASS A AFLOAT MISHAPS

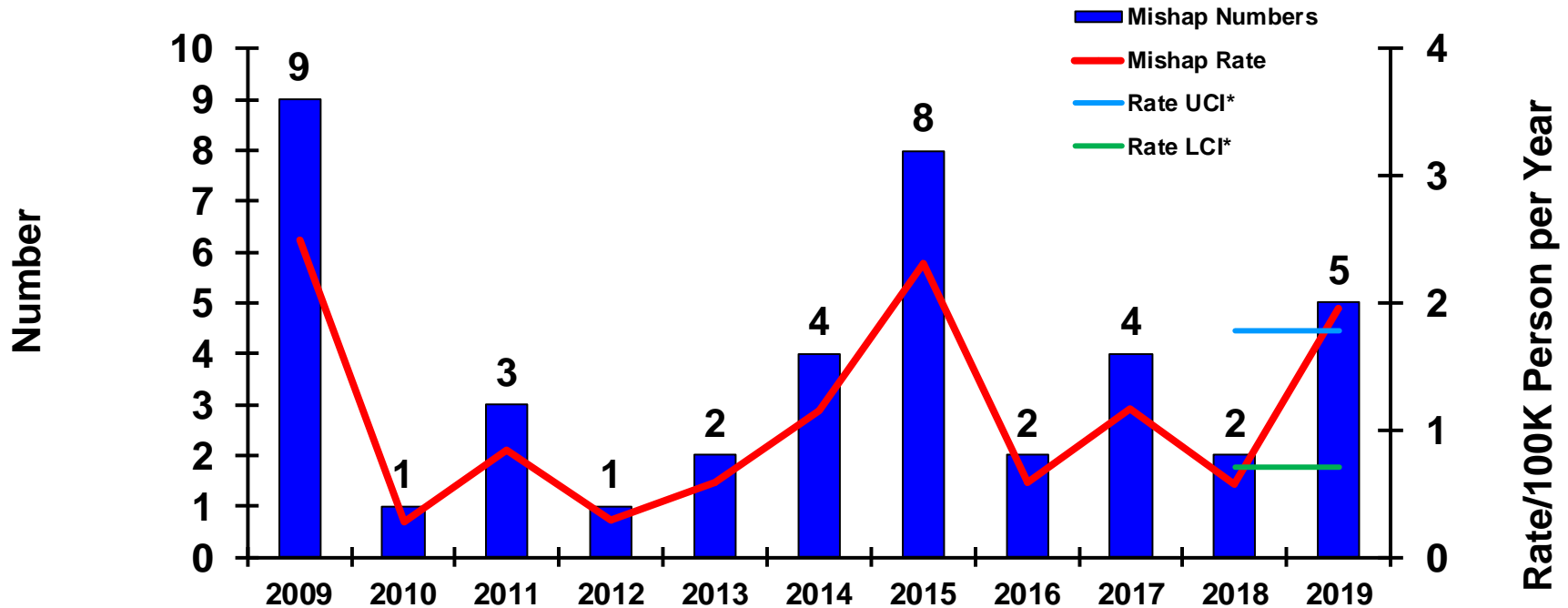


	<u>19-Jun-19</u>	<u>19-Jun-18</u>
CLASS A MISHAPS/MISHAP RATE FY COMPARISON:	1/0.45	1/0.45
FY18 MISHAPS/MISHAP RATE:	5/1.62	
10-YEAR AVERAGE (FY09-18) MISHAPS/MISHAP RATE:	5.70/1.84	

*see last slide for definition of UCI/LCI



CLASS A SHORE ON-DUTY MISHAPS

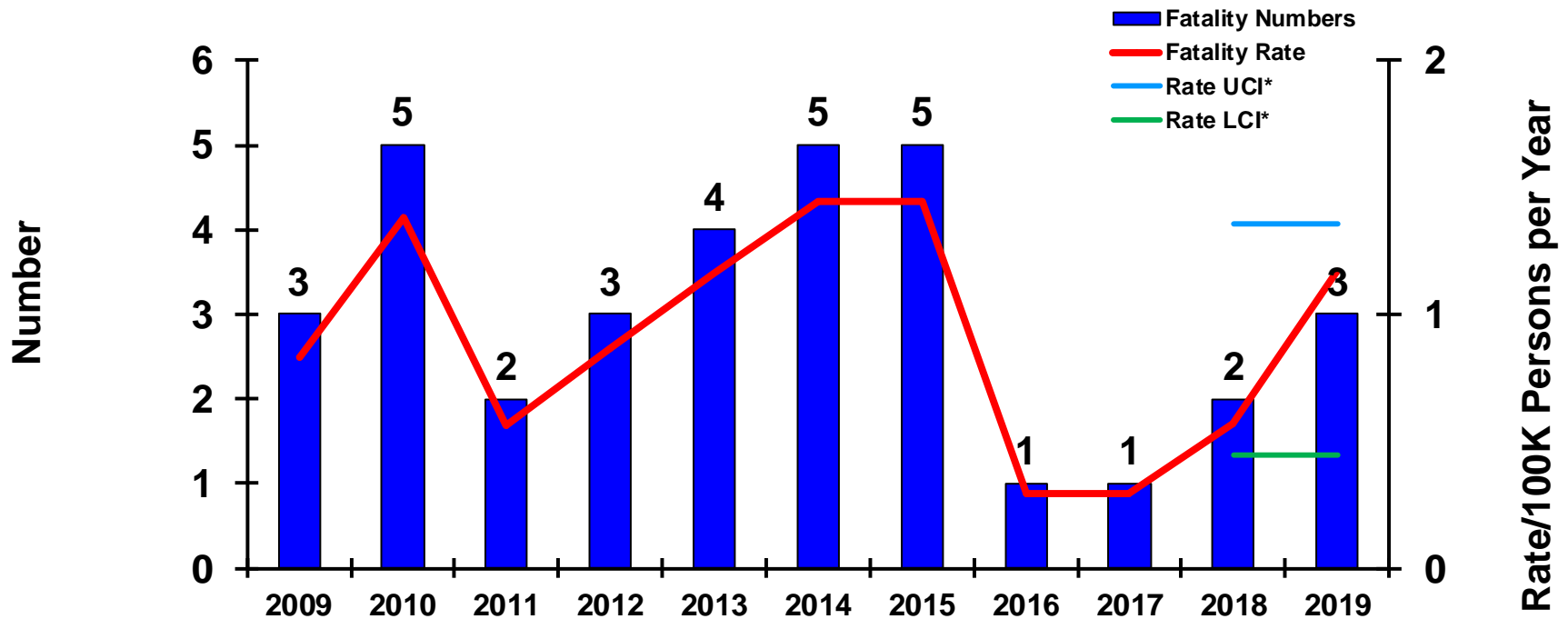


	<u>19-Jun-19</u>	<u>19-Jun-18</u>
CLASS A MISHAPS/MISHAP RATE FY COMPARISON:	5/1.95	1/0.39
FY18 MISHAPS/MISHAP RATE:	2/0.57	
10-YEAR AVERAGE (FY09-18) MISHAPS/MISHAP RATE:	3.60/1.03	

*see last slide for definition of UCI/LCI



PHYSICAL TRAINING FATALITIES

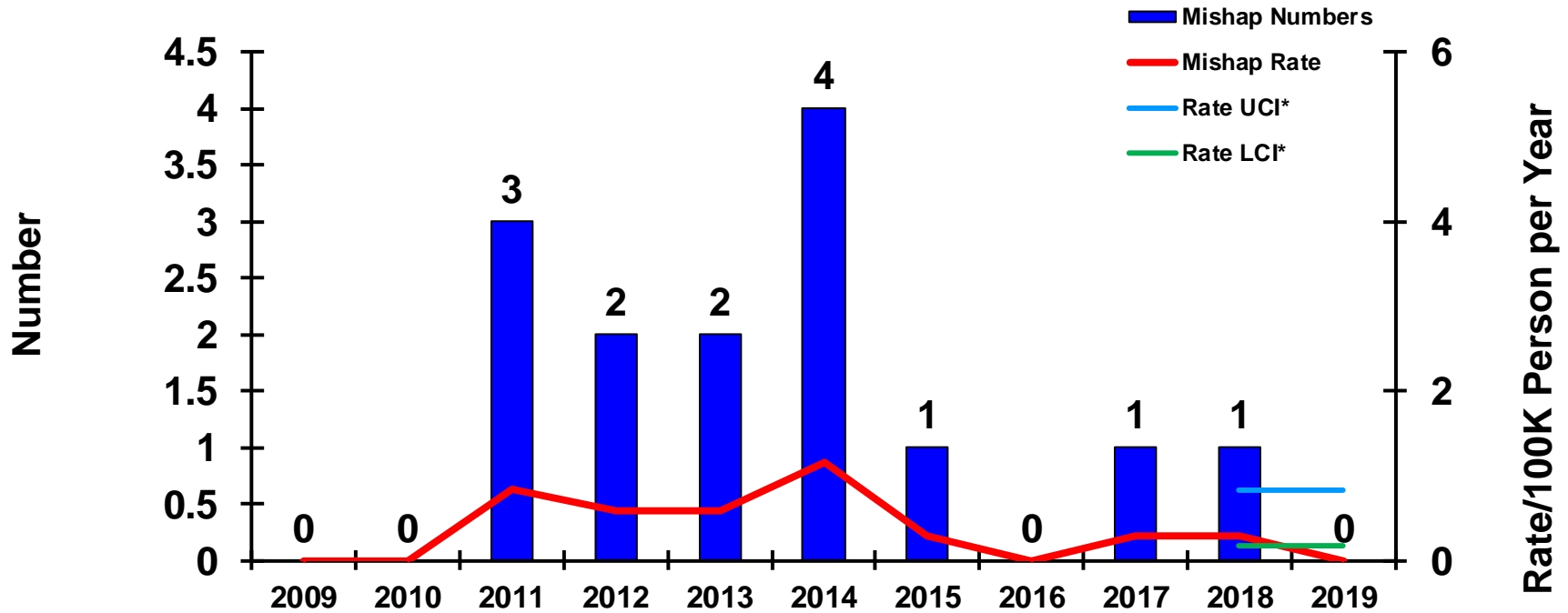


	19-Jun-19	19-Jun-18
FATALITIES/FATALITY RATE FY COMPARISON:	3/1.17	2/0.79
FY18 FATALITIES/FATALITY RATE:	2/0.57	
10-YEAR AVERAGE (FY09-18) FATALITIES/FATALITY RATE:	3.10/0.88	

*see last slide for definition of UCI/LCI



CLASS A ON-DUTY MV MISHAPS

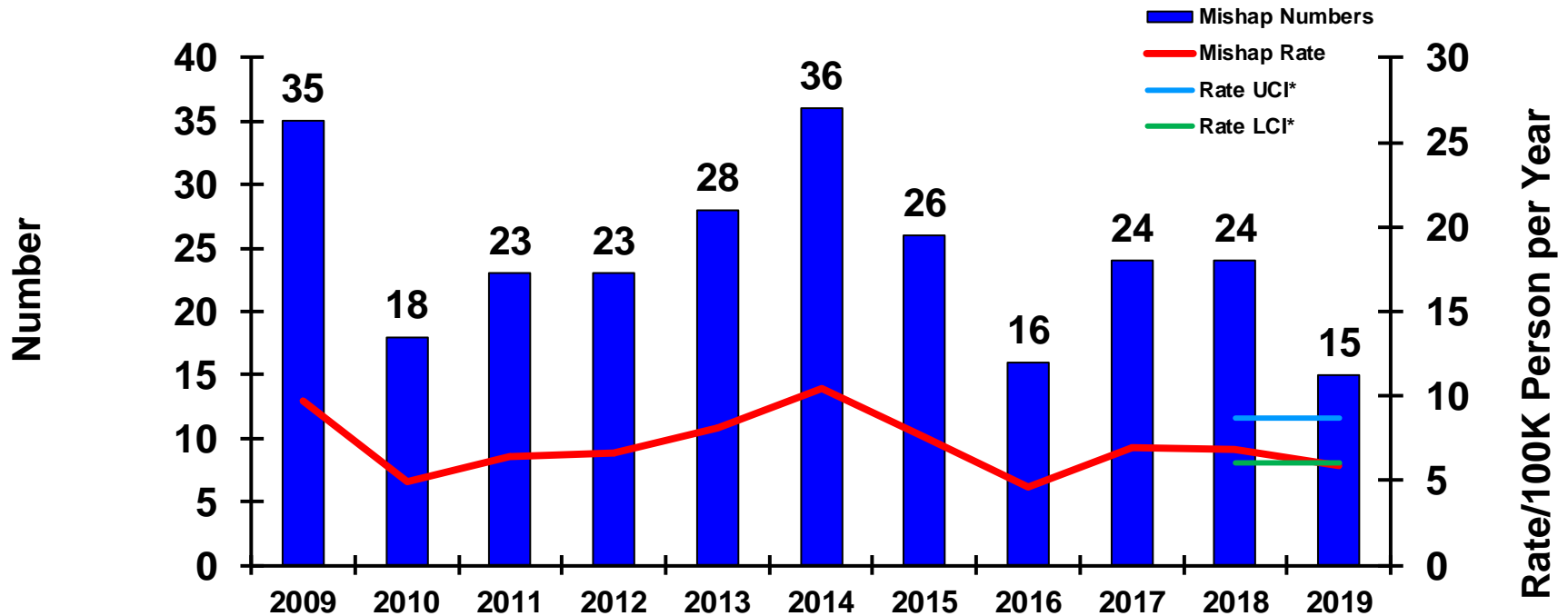


	<u>19-Jun-19</u>	<u>19-Jun-18</u>
CLASS A MISHAPS/MISHAP RATE FY COMPARISON:	0/0.00	1/0.39
FY18 MISHAPS/MISHAP RATE:	1/0.28	
10-YEAR AVERAGE (FY09-18) MISHAPS/MISHAP RATE:	1.40/0.40	

*see last slide for definition of UCI/LCI



TOTAL CLASS A ON-DUTY MISHAPS

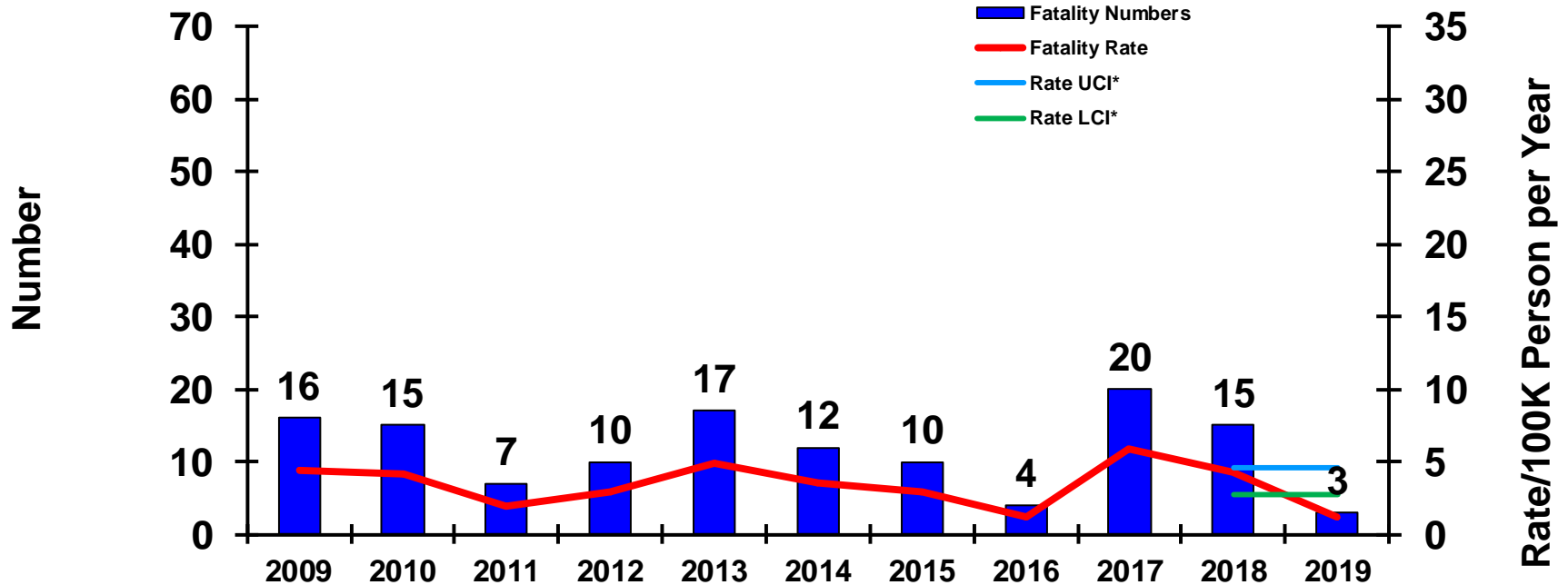


	<u>19-Jun-19</u>	<u>19-Jun-18</u>
CLASS A MISHAPS/MISHAP RATE FY COMPARISON:	15/5.86	13/5.13
FY18 MISHAPS/MISHAP RATE:	24/6.81	
10-YEAR AVERAGE (FY09-18) MISHAPS/MISHAP RATE:	25.30/7.23	

*see last slide for definition of UCI/LCI



ON-DUTY FATALITIES

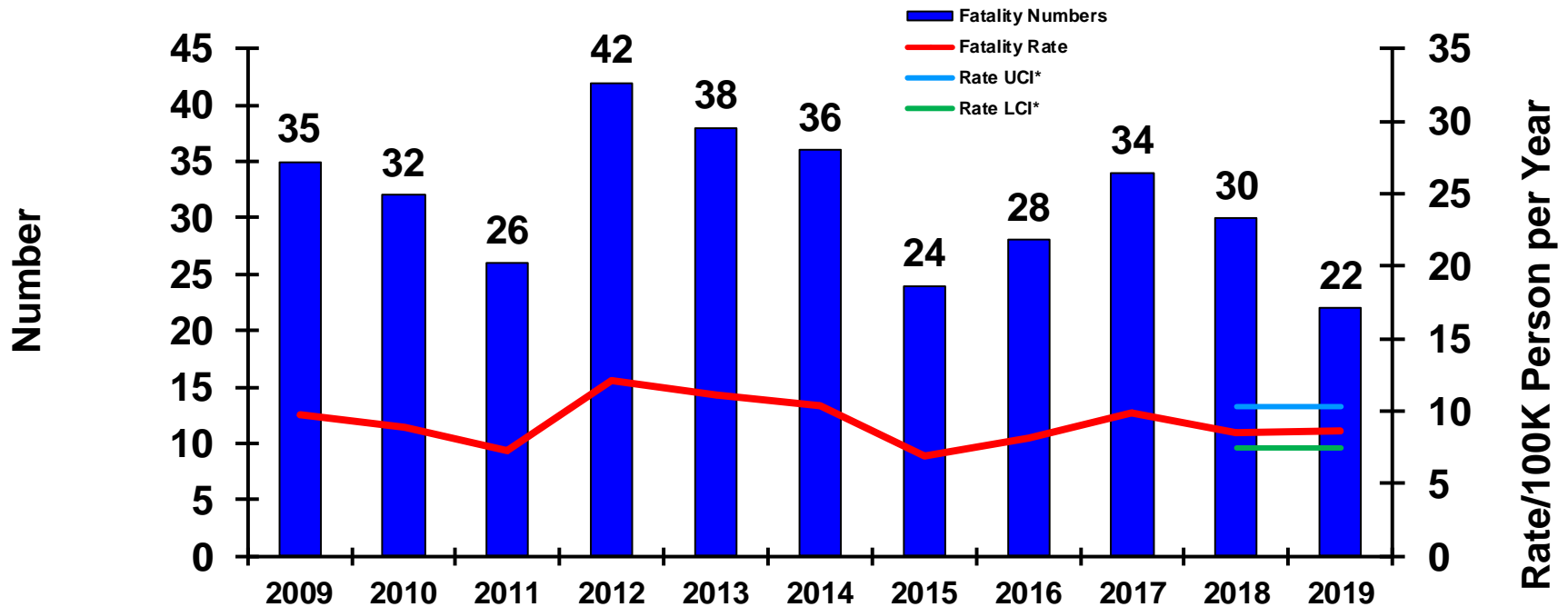


	<u>19-Jun-19</u>	<u>19-Jun-18</u>
CLASS A FATALITIES/FATALITY RATE FY COMPARISON:	3/1.17	9/3.55
FY18 FATALITIES/FATALITY RATE:	15/4.26	
10-YEAR AVERAGE (FY09-18) FATALITIES/FATALITY RATE:	12.60/3.60	

*see last slide for definition of UCI/LCI



PMV FATALITIES

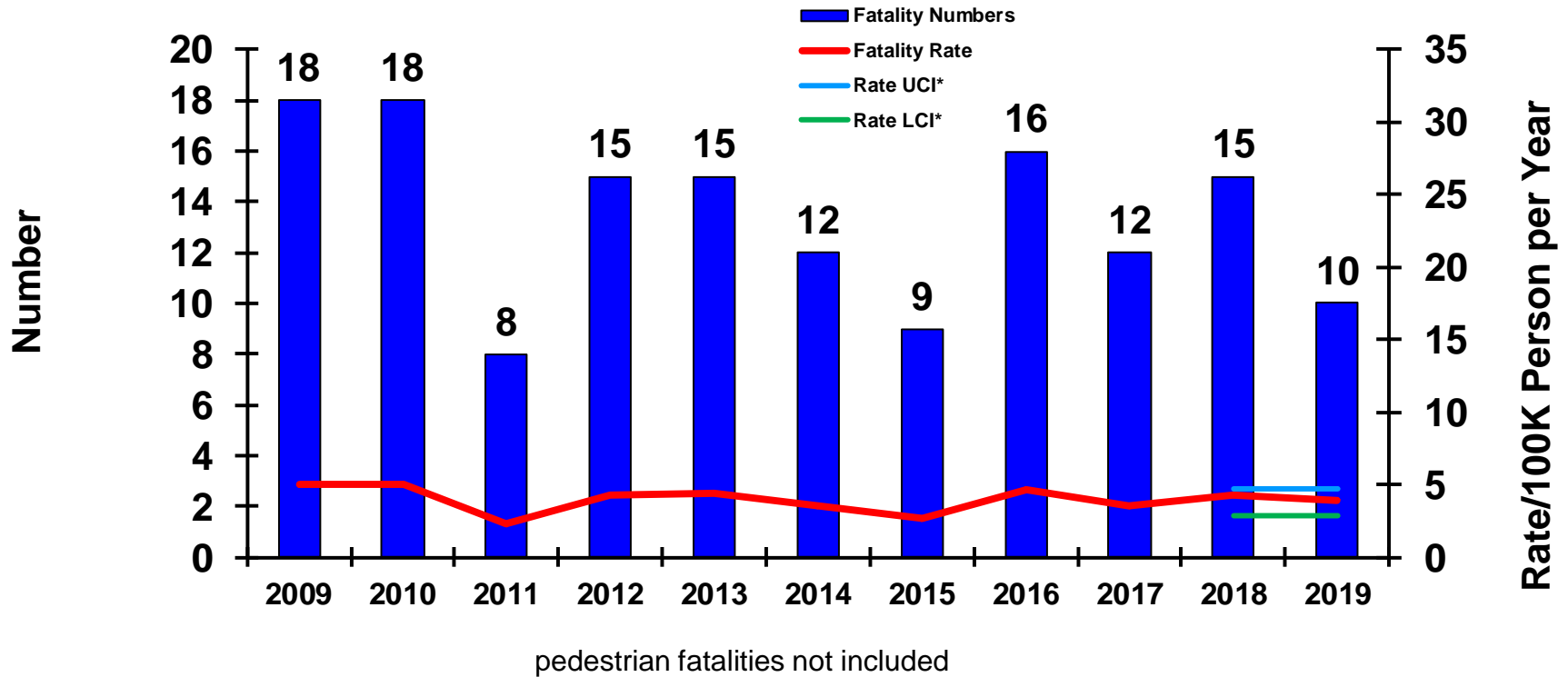


	<u>19-Jun-19</u>	<u>19-Jun-18</u>
CLASS A FATALITIES/FATALITY RATE FY COMPARISON:	22/8.59	20/7.89
FY18 FATALITIES/FATALITY RATE:	30/8.51	
10-YEAR AVERAGE (FY09-18) FATALITIES/FATALITY RATE:	32.50/9.29	

*see last slide for definition of UCI/LCI



4-WHEEL PMV FATALITIES

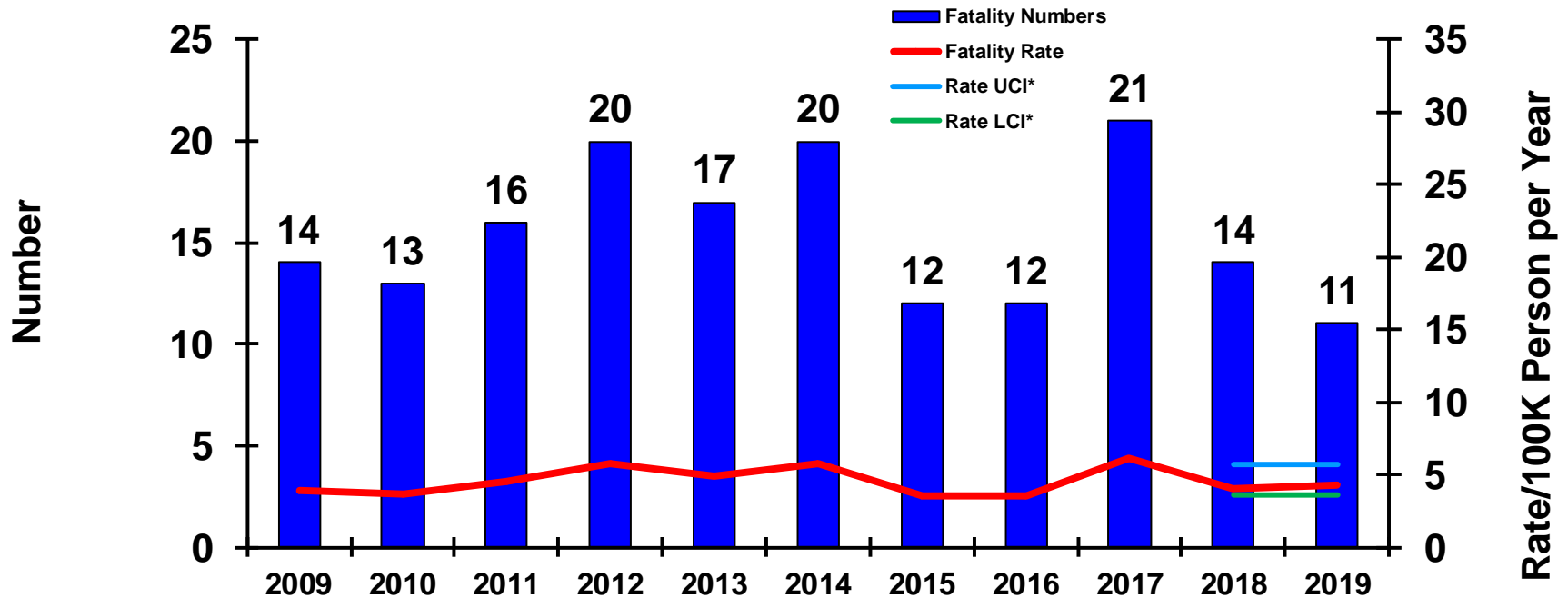


	<u>19-Jun-19</u>	<u>19-Jun-18</u>
CLASS A FATALITIES/FATALITY RATE FY COMPARISON:	10/3.91	10/3.95
FY18 FATALITIES/FATALITY RATE:	15/4.26	
10-YEAR AVERAGE (FY09-18) FATALITIES/FATALITY RATE:	13.80/3.94	

*see last slide for definition of UCI/LCI



MOTORCYCLE PMV FATALITIES

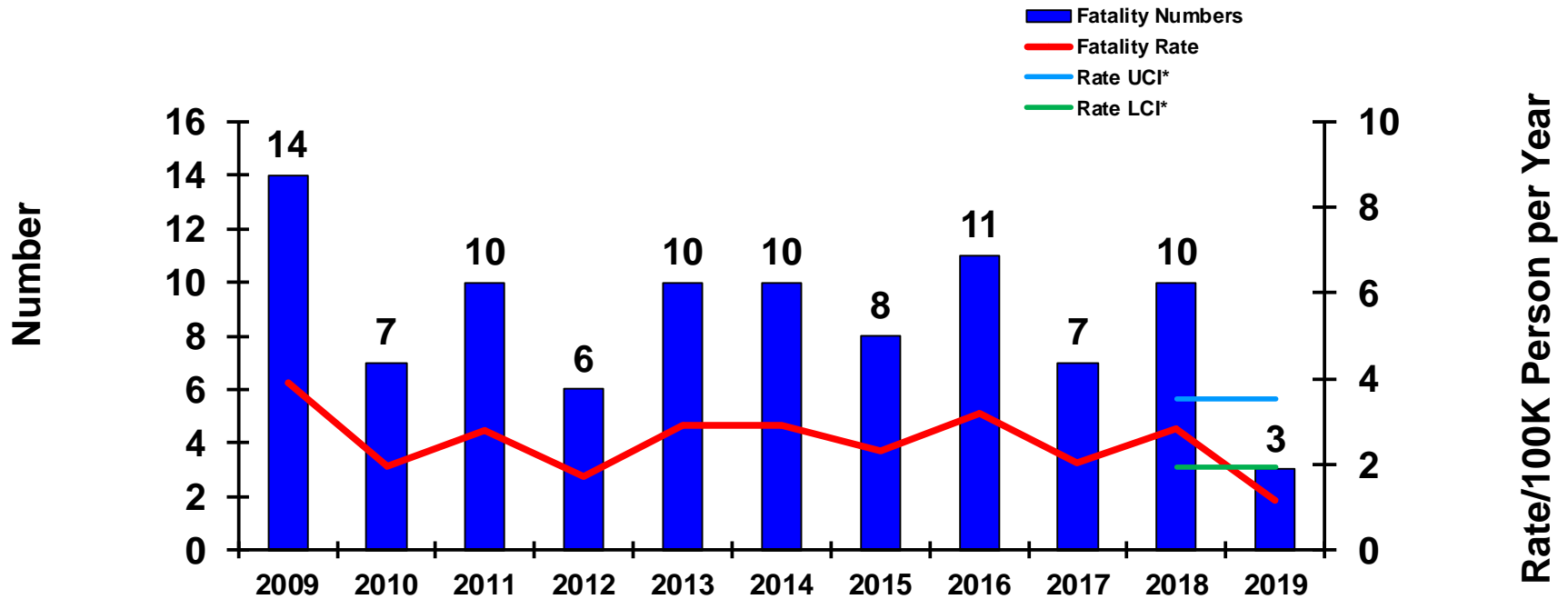


	<u>19-Jun-19</u>	<u>19-Jun-18</u>
CLASS A FATALITIES/FATALITY RATE FY COMPARISON:	11/4.30	9/3.55
FY18 FATALITIES/FATALITY RATE:	14/3.97	
10-YEAR AVERAGE (FY09-18) FATALITIES/FATALITY RATE:	15.90/4.55	

*see last slide for definition of UCI/LCI



OFF-DUTY/REC FATALITIES

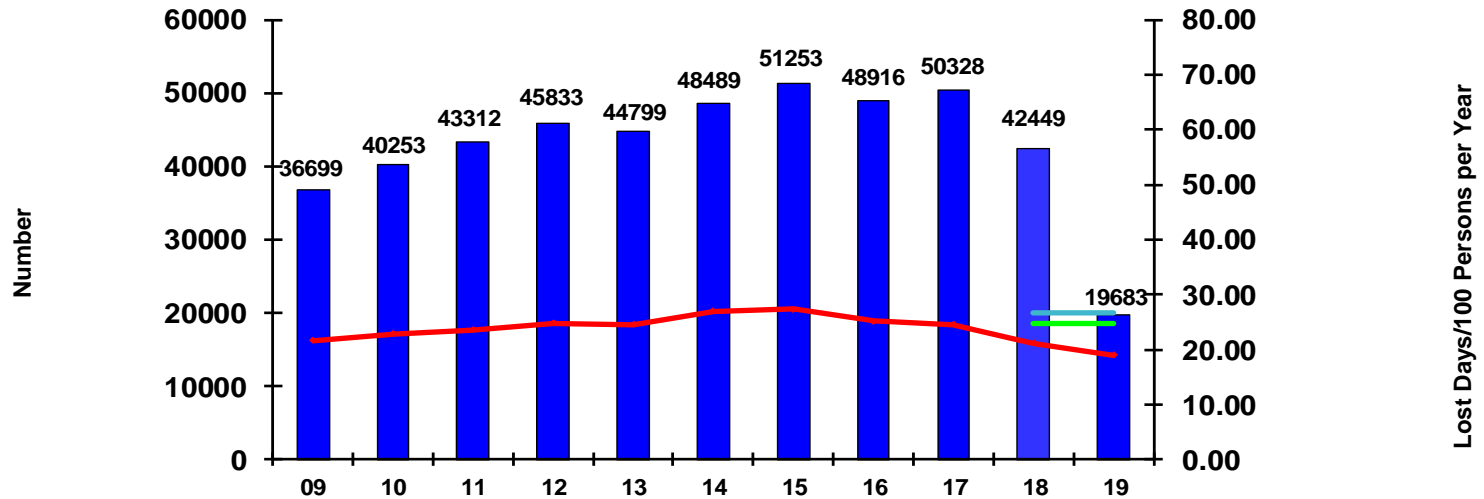


	<u>19-Jun-19</u>	<u>19-Jun-18</u>
CLASS A FATALITIES/FATALITY RATE FY COMPARISON:	3/1.17	5/1.97
FY18 FATALITIES/FATALITY RATE:	10/2.84	
10-YEAR AVERAGE (FY09-18) FATALITIES/FATALITY RATE:	9.30/2.65	

*see last slide for definition of UCI/LCI



CIVILIAN LOST WORK DAY

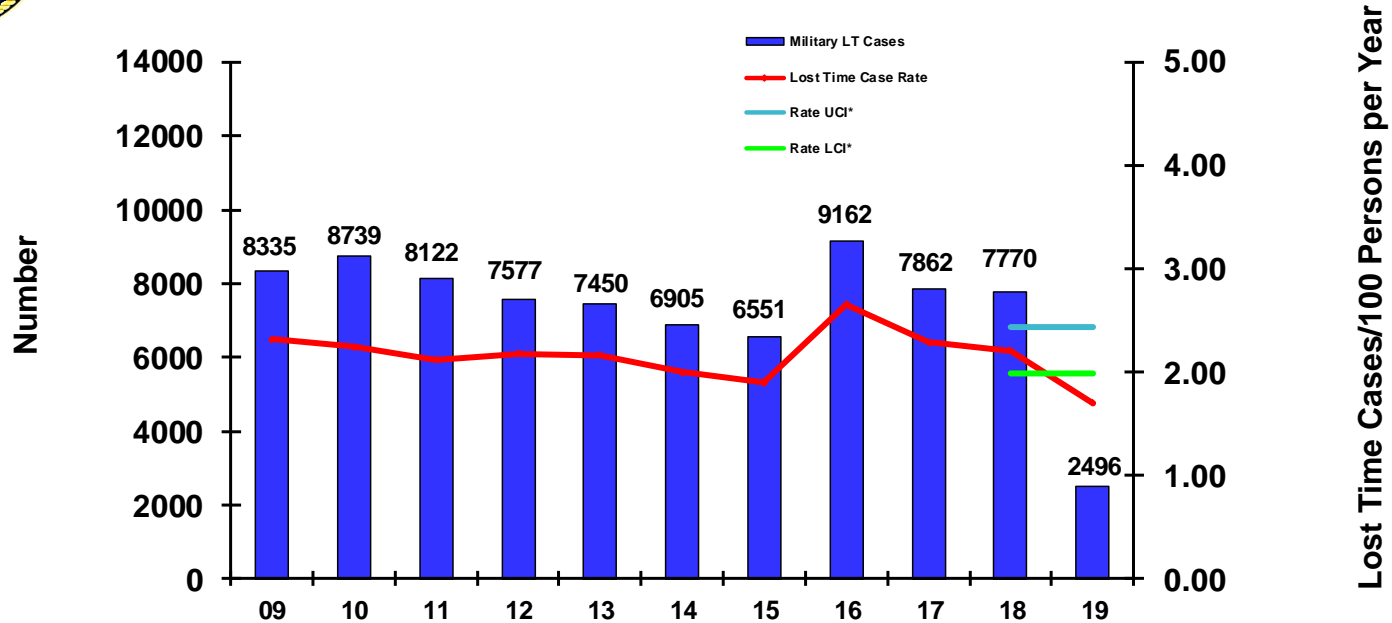


	<u>30 Mar 19</u>
LOST WORK DAY FY RATE COMPARISON:	19.00
FY18 LOST WORK DAY RATE:	21.20
5-YEAR AVERAGE (FY14-18) LOST WORK DAY RATE:	24.92

*see last slide for definition of UCI/LCI



MILITARY LOST TIME CASE RATE



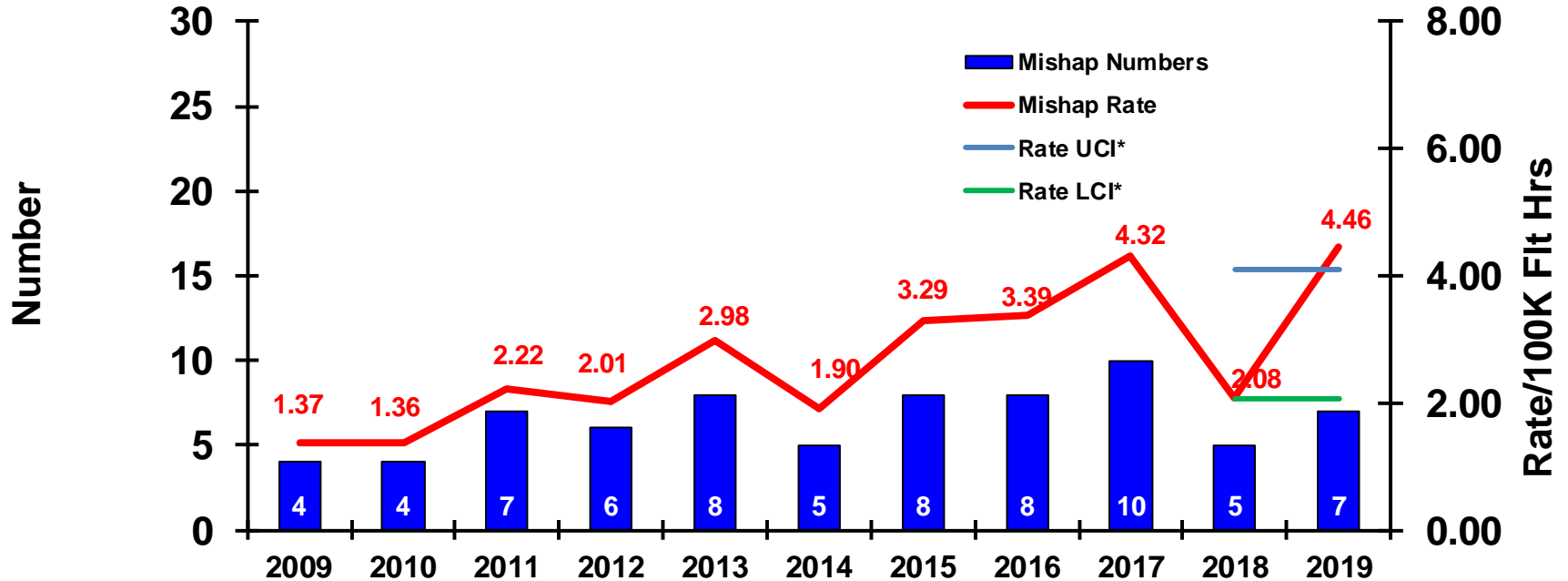
<u>28 Feb 19</u>	
LOST WORK TIME CASE RATE:	1.70
FY18 LOST TIME CASE RATE:	2.21
5-YEAR AVERAGE (FY14-18) LOST TIME CASE RATE:	2.20

*see last slide for definition of UCI/LCI



CLASS A FLIGHT MISHAPS

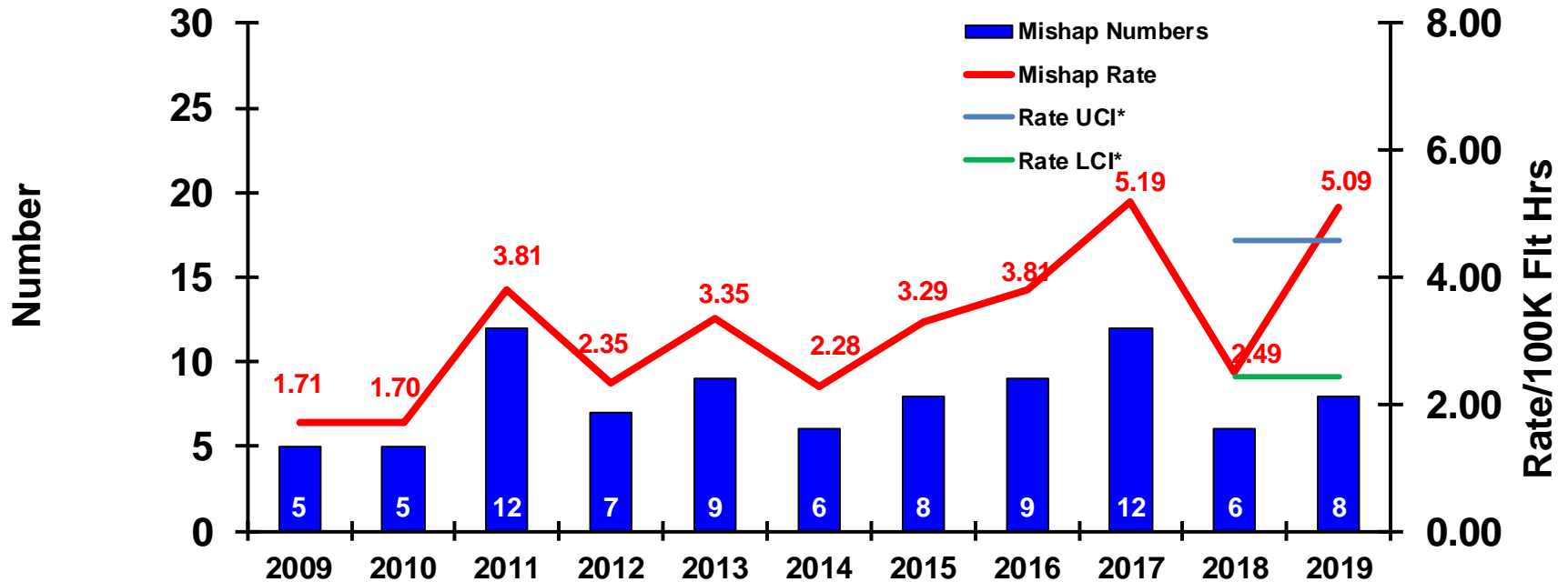
Manned Aircraft Only



	<u>19-Jun-19</u>	<u>19-Jun-18</u>
CLASS A FM/FM RATE FY COMPARISON:	7/4.46	3/1.75
FY18 MISHAPS/MISHAP RATE:	5/2.08	
10-YEAR AVERAGE (FY09-18) MISHAPS/MISHAP RATE:	6.50/2.49	



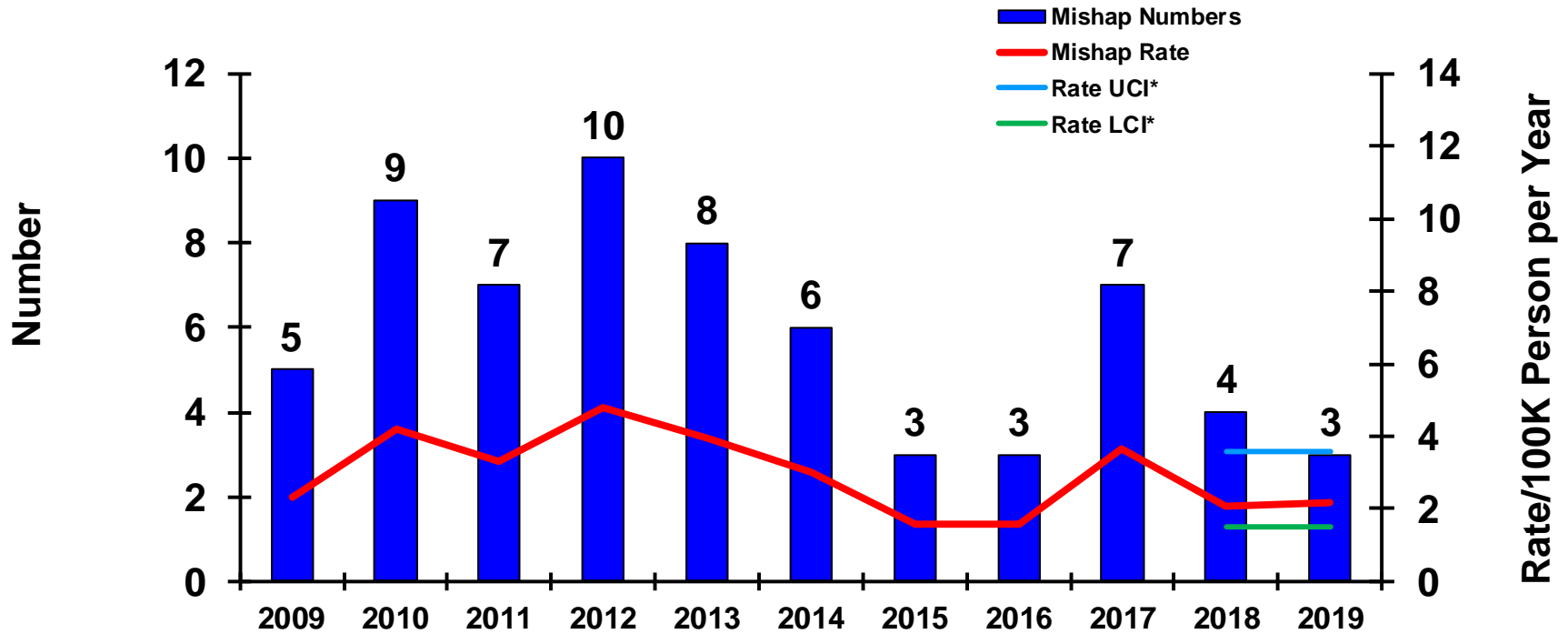
CLASS A AVIATION MISHAPS



	<u>19-Jun-19</u>	<u>19-Jun-18</u>
CLASS A MISHAPS/MISHAP RATE FY COMPARISON:	8/5.09	4/2.33
FY18 MISHAPS/MISHAP RATE:	6/2.49	
10-YEAR AVERAGE (FY09-18) MISHAPS/MISHAP RATE:	7.90/3.00	



CLASS A GROUND ON-DUTY MISHAPS

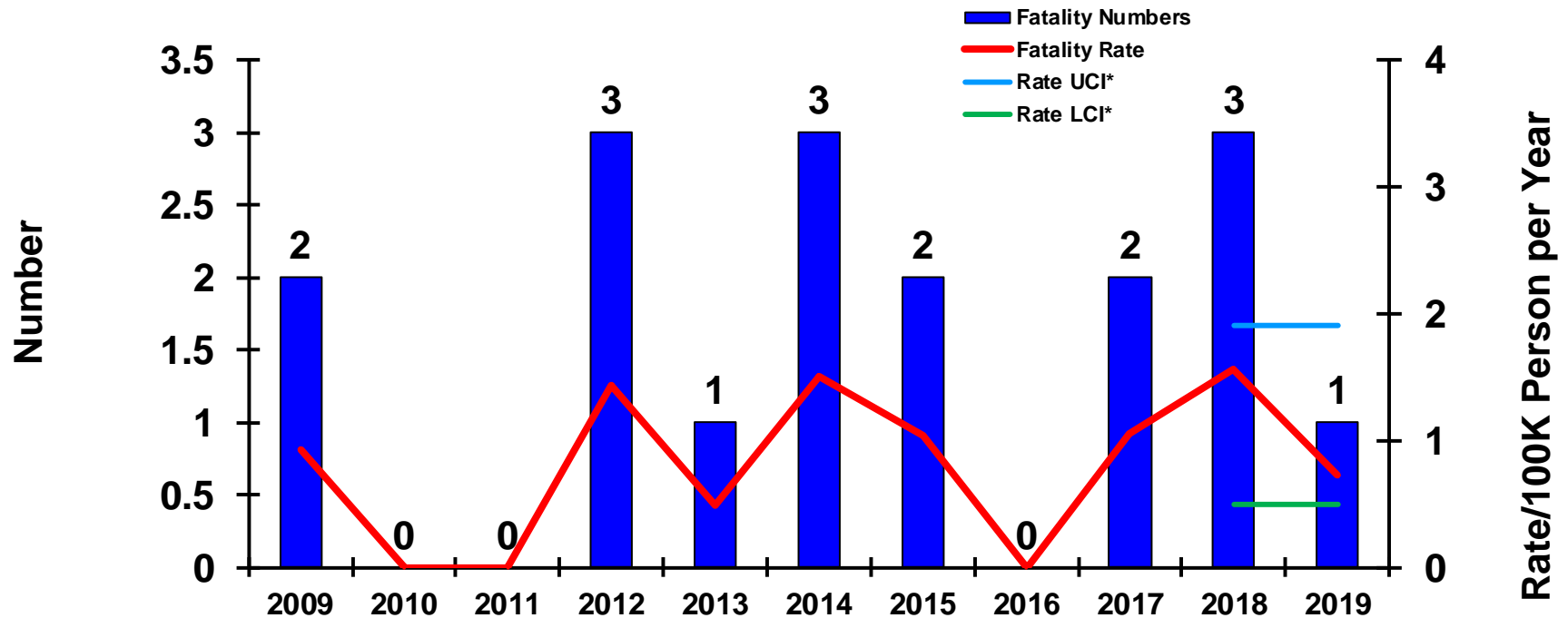


	<u>19-Jun-19</u>	<u>19-Jun-18</u>
CLASS A MISHAPS/MISHAP RATE FY COMPARISON:	3/2.17	4/2.90
FY18 MISHAPS/MISHAP RATE:	4/2.09	
10-YEAR AVERAGE (FY09-18) MISHAPS/MISHAP RATE:	6.20/3.04	

*see last slide for definition of UCI/LCI



PHYSICAL TRAINING FATALITIES



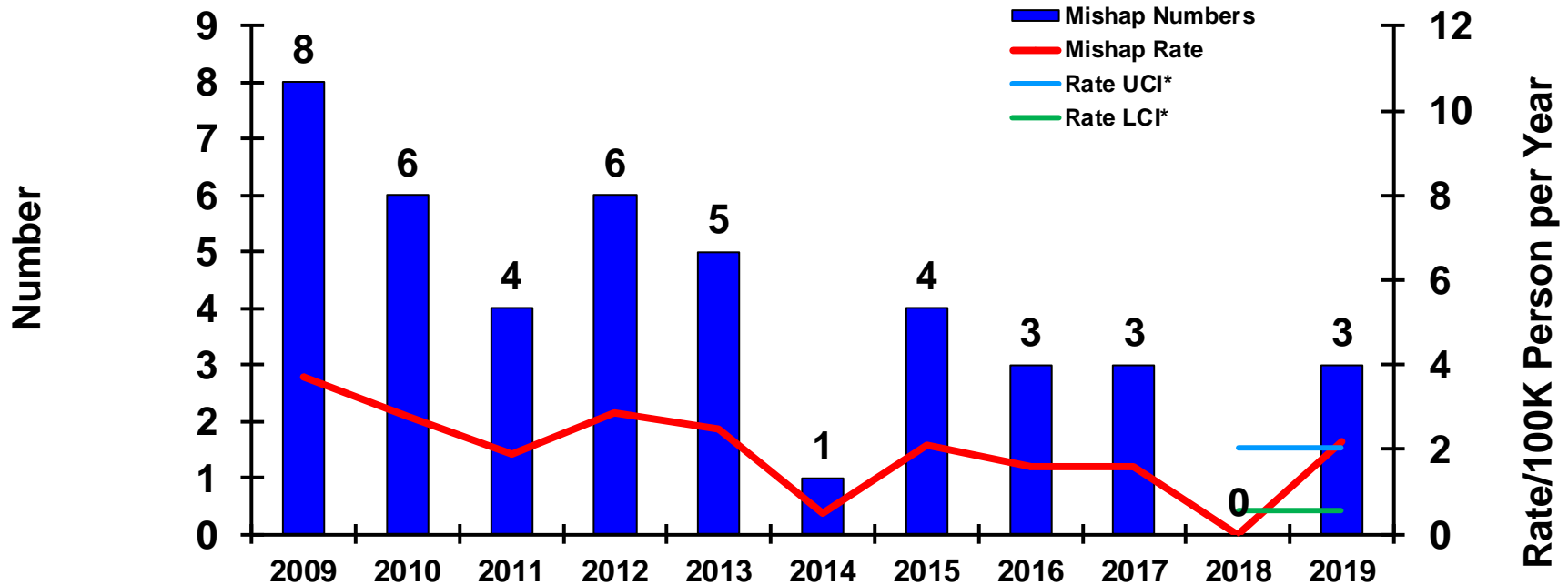
PT fatalities are also reflected in the Ground On-Duty Mishap slide

	<u>19-Jun-19</u>	<u>19-Jun-18</u>
CLASS A FATALITIES/FATALITY RATE FY COMPARISON:	1/0.72	3/2.18
FY18 FATALITIES/FATALITY RATE:	3/1.57	
10-YEAR AVERAGE (FY09-18) FATALITIES/FATALITY RATE:	1.60/0.80	

*see last slide for definition of UCI/LCI



CLASS A ON-DUTY MV MISHAPS

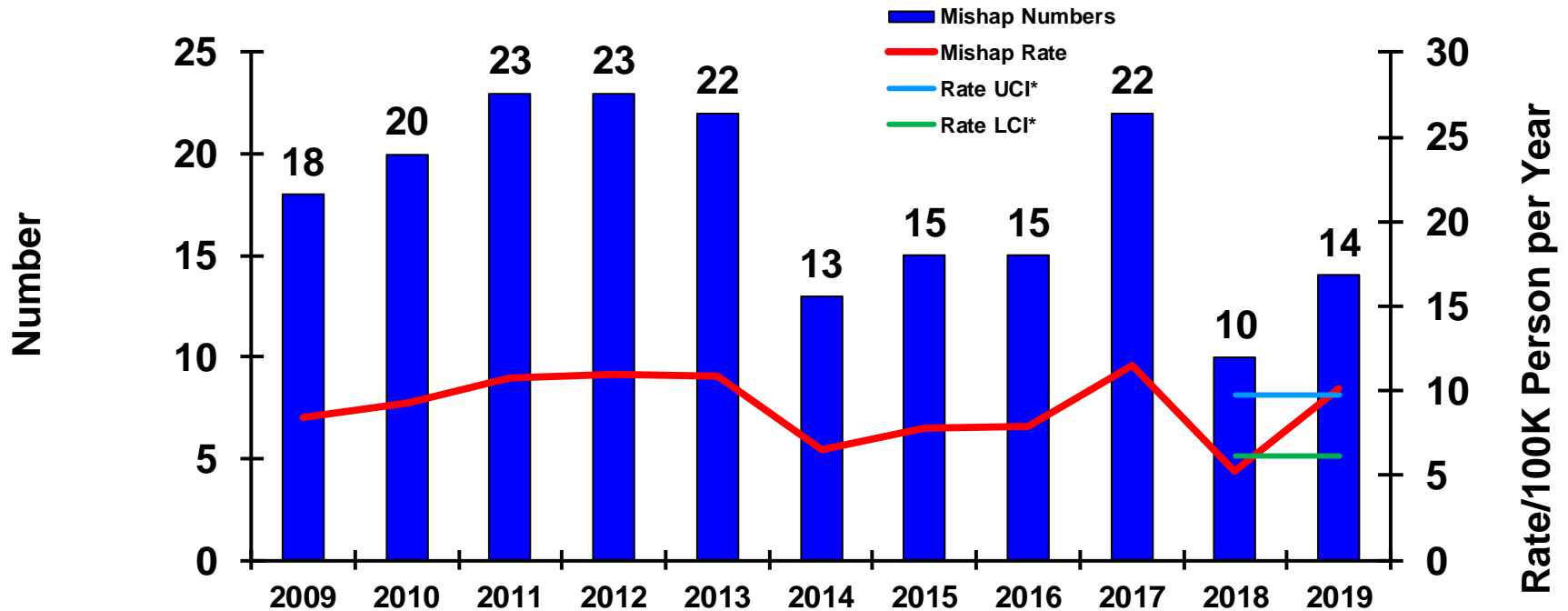


	<u>19-Jun-19</u>	<u>19-Jun-18</u>
CLASS A MISHAPS/MISHAP RATE FY COMPARISON:	3/2.17	0/0.00
FY18 MISHAPS/MISHAP RATE:	0/0.00	
10-YEAR AVERAGE (FY09-18) MISHAPS/MISHAP RATE:	4.00/1.95	

*see last slide for definition of UCI/LCI



TOTAL CLASS A ON-DUTY MISHAPS

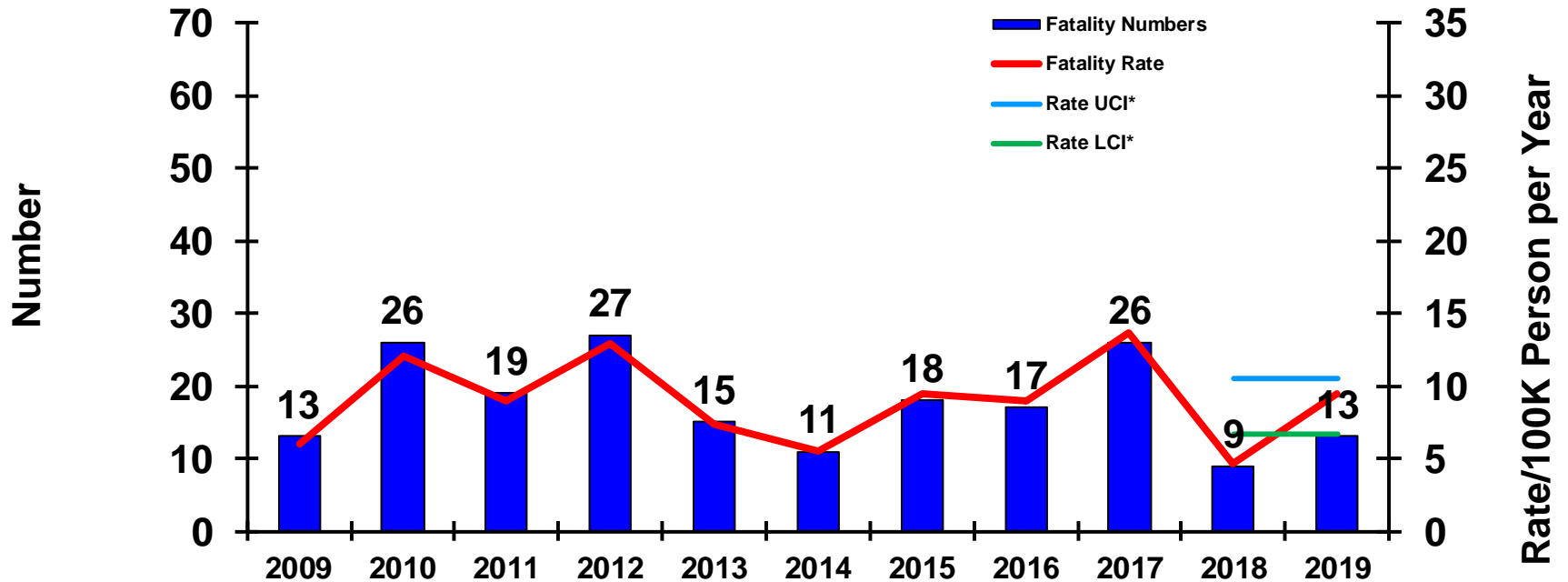


	<u>19-Jun-19</u>	<u>19-Jun-18</u>
CLASS A MISHAPS/MISHAP RATE FY COMPARISON:	14/10.15	8/5.80
FY18 MISHAPS/MISHAP RATE:	10/5.22	
10-YEAR AVERAGE (FY09-18) MISHAPS/MISHAP RATE:	18.10/8.94	

*see last slide for definition of UCI/LCI



ON-DUTY FATALITIES

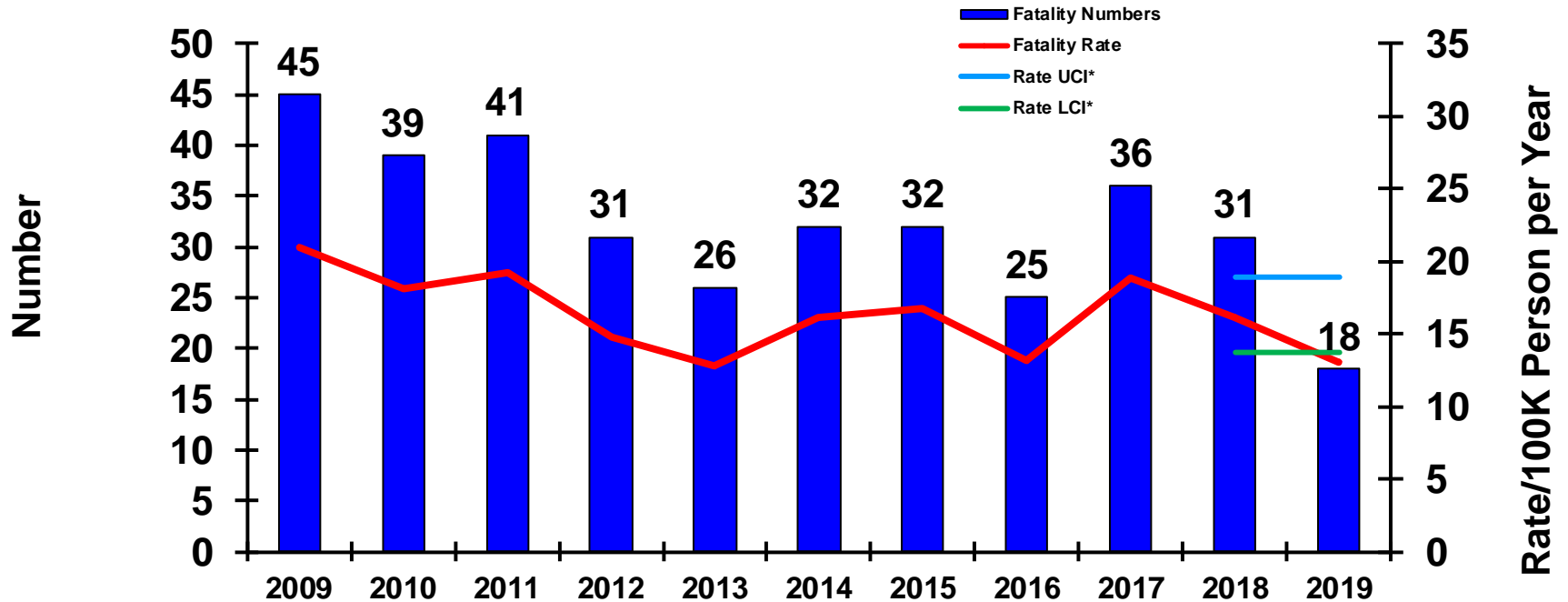


	<u>19-Jun-19</u>	<u>19-Jun-18</u>
CLASS A FATALITIES/FATALITY RATE FY COMPARISON:	13/9.42	9/6.53
FY18 FATALITIES/FATALITY RATE:	9/4.70	
10-YEAR AVERAGE (FY09-18) FATALITIES/FATALITY RATE:	18.10/8.96	

*see last slide for definition of UCI/LCI



PMV FATALITIES

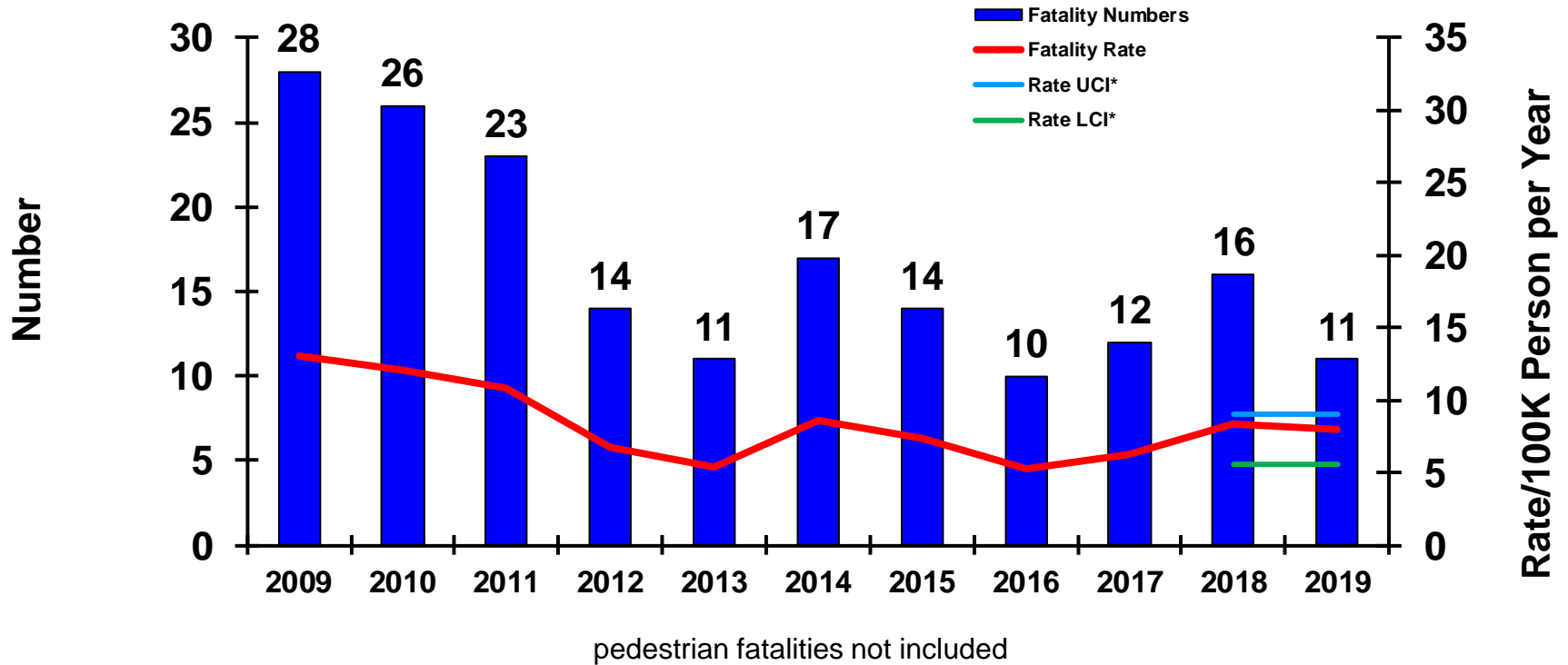


	<u>19-Jun-19</u>	<u>19-Jun-18</u>
CLASS A FATALITIES/FATALITY RATE FY COMPARISON:	18/13.05	24/17.41
FY18 FATALITIES/FATALITY RATE:	31/16.18	
10-YEAR AVERAGE (FY09-18) FATALITIES/FATALITY RATE:	33.80/16.70	

*see last slide for definition of UCI/LCI



4-WHEEL PMV FATALITIES

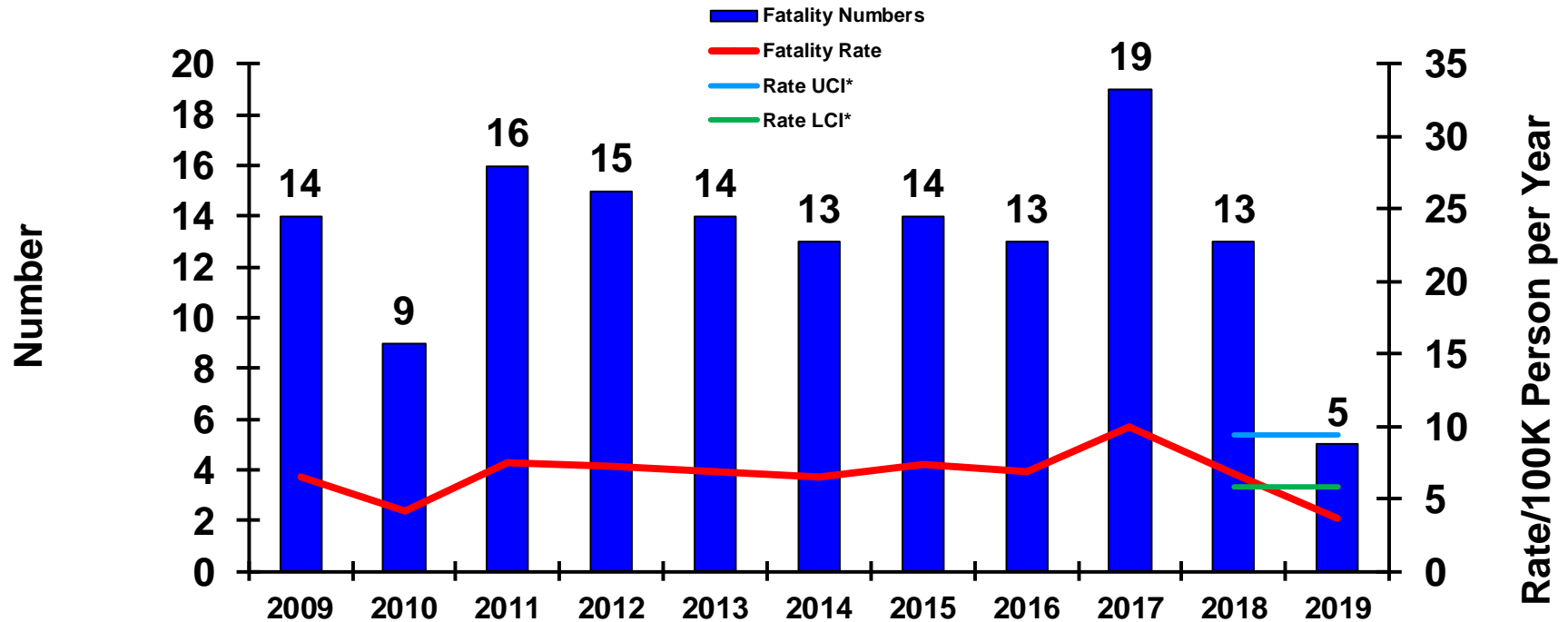


	<u>19-Jun-19</u>	<u>19-Jun-18</u>
CLASS A FATALITIES/FATALITY RATE FY COMPARISON:	11/7.97	13/9.43
FY18 FATALITIES/FATALITY RATE:	16/8.35	
10-YEAR AVERAGE (FY09-18) FATALITIES/FATALITY RATE:	17.10/8.38	

*see last slide for definition of UCI/LCI



MOTORCYCLE PMV FATALITIES

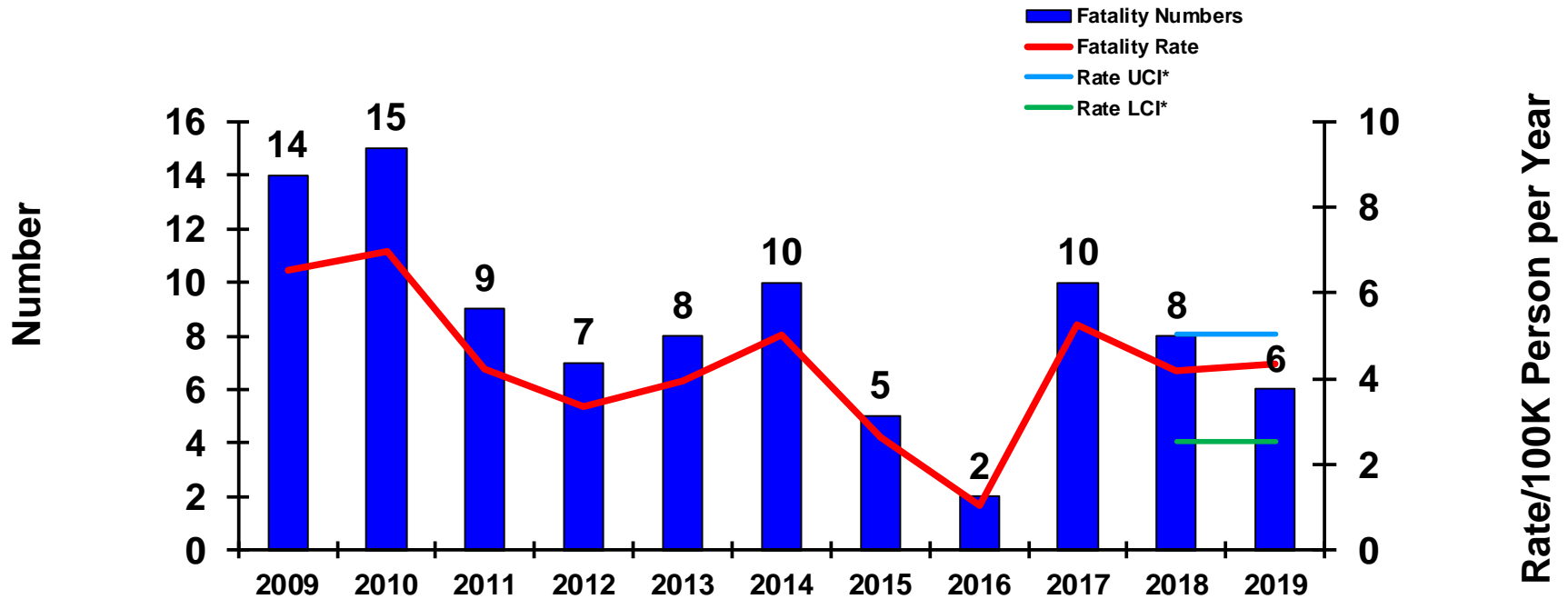


	<u>19-Jun-19</u>	<u>19-Jun-18</u>
CLASS A FATALITIES/FATALITY RATE FY COMPARISON:	5/3.62	10/7.25
FY18 FATALITIES/FATALITY RATE:	13/6.78	
10-YEAR AVERAGE (FY09-18) FATALITIES/FATALITY RATE:	14.00/6.97	

*see last slide for definition of UCI/LCI



OFF-DUTY/REC FATALITIES

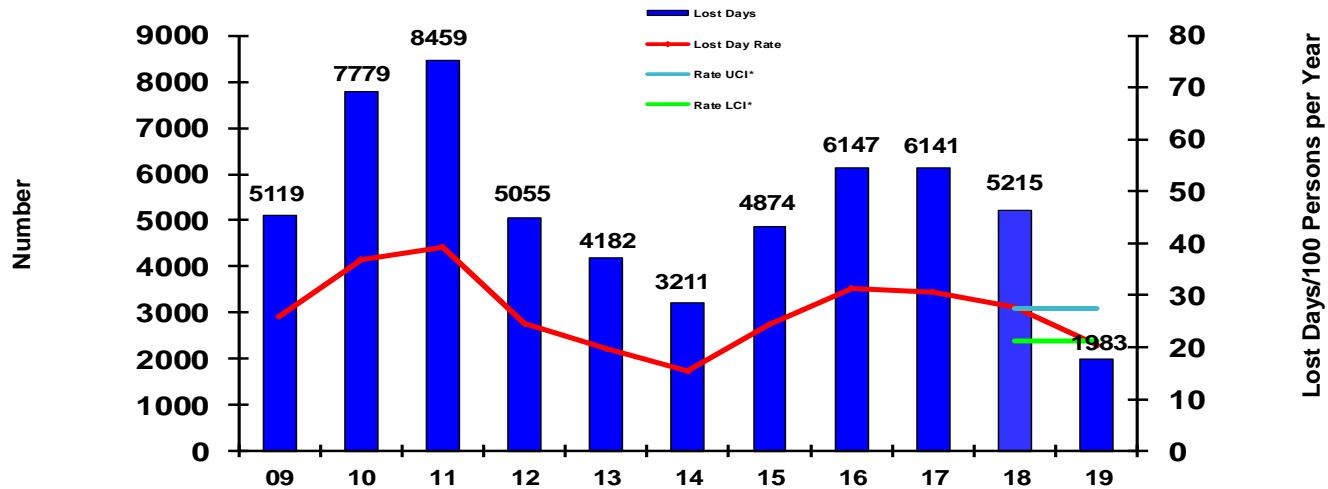


	<u>19-Jun-19</u>	<u>19-Jun-18</u>
CLASS A FATALITIES/FATALITY RATE FY COMPARISON:	6/4.35	5/3.63
FY18 FATALITIES/FATALITY RATE:	8/4.17	
10-YEAR AVERAGE (FY09-18) FATALITIES/FATALITY RATE:	8.80/4.31	

*see last slide for definition of UCI/LCI



CIVILIAN LOST WORK DAY

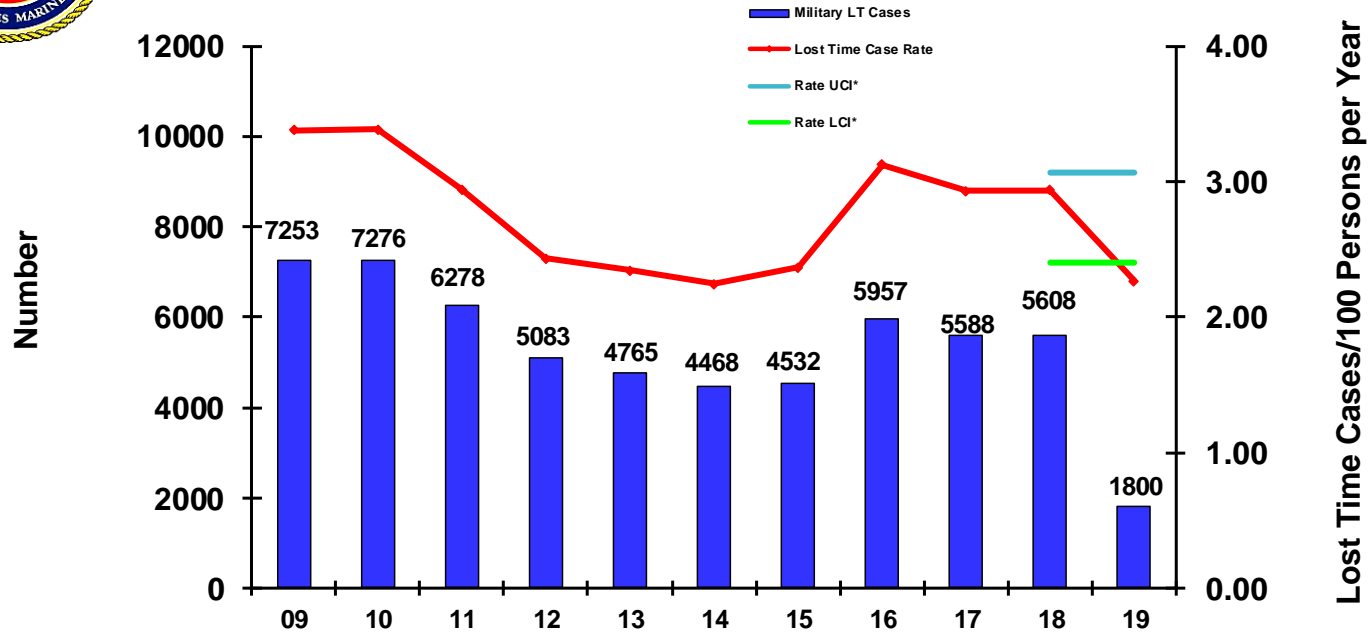


	<u>30 Mar 19</u>
LOST WORK DAY FY RATE COMPARISON:	20.40
FY18 LOST WORK DAY RATE:	27.60
5-YEAR AVERAGE (FY14-18) LOST WORK DAY RATE:	25.76

*see last slide for definition of UCI/LCI



MILITARY LOST TIME CASE RATE



	28 Feb 19
LOST WORK TIME CASE RATE:	2.27
FY18 LOST TIME CASE RATE:	2.94
5-YEAR AVERAGE (FY14-18) LOST TIME CASE RATE:	2.72

*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)

10 May 2019: (NAS Kingsville, TX) T-45 engine failure on short final. Both aircrew ejected successfully.

07 Feb 2019: (Tinker AFB, OK) E-6B being towed out of a hangar when vertical stabilizer struck the hangar. (AGM)

12 Nov 2018: (Philippine Sea) F/A-18F aircraft malfunction resulting in loss of aircraft; aircrew recovered and in stable condition.

18 Oct 2018: (Pacific Ocean) MH-60R crashed on takeoff onboard CVN.

04 Oct 2018: (NAS Lemoore, CA) A right engine fire occurred on a F/A-18F during a training flight. Emergency landing with no injuries.

09 Oct 2018: (Kadena AFB, Japan) Two HH-60H helicopters taxied into each other on the taxi ramp. No injuries. (AGM)

- USN AFLOAT CLASS A MISHAPS

22 Oct 2018: (Off the Coast of Iceland) Landing Craft Units in well deck were damaged during heavy seas.

- USN SHORE CLASS A MISHAPS

11 Feb 2019: (Lake Pend Oreille, ID) Experiment Support Platform (ESP) barge capsized.

02 Jan 2019: (Washington, DC) Flooding from piping/valve caused significant property damage.

10 Nov 2018: (Norfolk, VA) Shipboard damage and hospitalization of an E-7 after fire while in shipyard.

08 Nov 2018: (Virginia Beach, VA) E-5 suffered a permanent total disability while removing PVC pipe from a bollard in the shop.

02 Nov 2018: (NAS Cecil Field, FL) Hangar fire suppression system activated due to an unknown cause and doused five F/A-18C with agent.

- USN PHYSICAL TRAINING CLASS A MISHAPS

01 May 2019: (Iwakuni, Japan) E-3 required medical assistance at conclusion of PRT and died on 02 May in a civilian hospital.

23 Apr 2019: (Great Lakes, IL) E-1 died following final Physical Fitness Assessment. She went into cardiac arrest and was transported to a local civilian hospital where she was pronounced dead.

22 Feb 2019: (Great Lakes, IL) E-3 collapsed at the end of the run portion of the PFA. She died after being transported to the hospital.

Navy Short Narratives

- USN ON-DUTY MOTOR VEHICLE CLASS A MISHAPS

No mishap this FY.

- USN PRIVATE MOTOR VEHICLE FATALITIES

15 Jun 2019: (Kaneohe, HI) E5 died in a motorcycle accident after impacting a guardrail and was thrown from his motorcycle.

A rider in the group hit pothole that caused the initial impact.

10 June 2019: (Lemoore, CA) E6 pedestrian died after being struck by an oncoming vehicle.

03 Jun 2019: (Chesapeake, VA) E-6 died in a single vehicle motorcycle accident.

02 Jun 2019: (Oaks Springs, CA) E-6 died in single vehicle accident when vehicle hit guardrail. The driver was ejected and pinned under vehicle which caught fire and burned.

25 May 2019: (Del Rey Oaks, CA) E5 Died from injuries sustained in a single vehicle motorcycle accident.

17 May 2019: (Meridian, MS) E2 died in a single vehicle mishap after vehicle departed the road and struck a tree.

30 Apr 2019: (Seattle, WA) E-5 impacted guardrail on his motorcycle while riding on the highway. Died on 18 May 2019 in hospital.

03 Apr 2019: (San Diego, CA) E-3 died in a single-vehicle automobile mishap.

24 Mar 2019: (Demotte, IN) E-3 died in an automobile mishap.

18 Mar 2019: (Ventura County, CA) E-3 died in a single-vehicle automobile mishap

26 Feb 2019: (Jacksonville, FL) E-5 died on 04 Mar from injuries sustained when a suspected drunk driver ran a light and struck his motorcycle.

06 Feb 2019: (San Diego, CA) E-4 riding a motorcycle on a curve died after impacting a street sign.

30 Jan 2019: (Virginia Beach, VA) E-3 on motorcycle died after crossing over median and impacted oncoming traffic.

07 Jan 2019: (Fort Pierce, FL) E-7 and his civilian spouse died when their vehicle departed the turnpike and entered canal after being struck from behind.

Navy Short Narratives

- USN PRIVATE MOTOR VEHICLE FATALITIES (con't)

29 Dec 2018: (Des Moines, IA) E-4 died on 1 January after his vehicle was struck from behind on the Interstate. Civilian passenger also killed.

16 Dec 2018: (Stonington, CT) E-6 passenger died when his vehicle was struck by another vehicle traveling in the wrong direction on interstate. E-5 driver is in stable condition.

16 Nov 2018: (King George, VA) E-2 died when he lost control of the vehicle and hit a tree. E-2 passenger is in stable condition.

11 Nov 2018: (San Diego, CA) E-5 died in a single-vehicle motorcycle mishap.

10 Nov 2018: (Melbourne, FL) E-3 died in a multi-vehicle motorcycle mishap while on PCS leave.

10 Nov 2018: (Monterey, CA) O-3 died when he lost control of his motorcycle and hit a guardrail while merging onto a highway.

10 Nov 2018: (Chesapeake, VA) E-7 when he lost control after passing another motorcycle.

28 Oct 2018: (Virginia Beach, VA) E-3 passenger died in an automobile mishap after he was ejected.

- USN OFF-DUTY/RECREATIONAL FATALITIES

04 Feb 2019: (Hermosillo, Mexico) E-5 was found deceased in his hotel room.

02 Feb 2019: (Norfolk, VA) E-5 died after being unresponsive in in public/private housing.

26 Jan 2019: (Jacksonville, FL) E-4 inadvertently shot himself in his home while off-duty. Sailor died in route to hospital.

Marine Corps Short Narratives

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

06 Jun 2019: (Imperial, CA) CH-53E experienced a fire upon takeoff. Aircraft safely landed at civilian airport. No significant injuries noted.

20 May 2019: (Cherry Point, NC) During Functional Check Flight, in landing pattern AV-8B Harrier pilot ejected resulting in complete aircraft loss. No fatalities.

03 May 2019: (Mountain Home AFB, ID) F/A-18D - While conducting PMCF, aircraft had an engine bay fire. Aircraft recovered to airfield. Aircrew uninjured.

06 May 2019: (Iwakunia, JPN) F-35B aircraft aborted take-off due to bird strike. There were no injuries or damage to civilian or DOD infrastructure.

30 Mar 2019: (Yuma, AZ) AH-1Z Viper struck ground during a nighttime training mission. Two aircrew fatalities.

28 Feb 2019: (MCAS Miramar, CA) Two F/A-18C's collided in mid-air while conducting CAS. Both aircraft landed safely. No injuries.

09 Dec 2018: (MCAS New River, NC) CH-53E landing gear inadvertently retracted during ground taxi. (AGM)

05 Dec 2018: (Philippine Sea) F/A-18D and KC-130J collided while performing fixed wing aerial refueling mission. F/A-18 aircrew ejected with one fatality. 5 aircrew fatalities in the KC-130.

- USMC GROUND CLASS A MISHAPS

01 Jan 2019: (Washington, DC) E-3 died after gunshot during guard company duty changeover.

06 Nov 2018: (Coolidge, AZ) E-4 suffered a permanent total disability during a training course.

- USMC PHYSICAL TRAINING CLASS A MISHAPS

07 May 2019: (Camp Lejeune, NC) E5 collapsed while participating in a unit run. Died on 11 May 2019 while in the hospital.

- USMC ON-DUTY MOTOR VEHICLE CLASS A MISHAPS

25 May 2019: (Mount Bundy, NT) E3 sustained fatal injuries while riding as a passenger in a Humvee tactical vehicle when it departed the road and rolled over in Australia. Died on 28 May 2019 while in the hospital.

09 May 2019: (MCB Camp Pendleton, CA) O-2 sustained fatal injuries in vehicle rollover while participating in LAV-25 training.

13 Apr 2019: (Camp Pendleton, CA) E-6 died on 15 April from injuries during MRZR roll-over. Two additional Marines and one Sailor had minor injuries.

Marine Corps Short Narratives

▪ USMC PRIVATE MOTOR VEHICLE FATALITIES

15 Jun 2019: (Beaufort, SC) E3 died in a POV accident while traveling with his wife and their infant son.

14 Jun 2019: (Anaheim, CA) E4 died in a single vehicle accident while driving with passengers. He was ejected from the vehicle.

27 Apr 2019: (Nashua, NH) E-8 died on 29 April from injuries sustained a single-vehicle automobile mishap.

27 Apr 2019: (Menifee, CA) E-6 died in a motorcycle mishap. Lost control of his motorcycle, slid on the roadway, and was struck by oncoming traffic.

20 Apr 2019: (Camp Pendleton, CA) E-3 passenger died in an automobile mishap. Vehicle lost control in a turn and impacted Incoming traffic.

18 Apr 2019: (Riverside, CA) E-3 driver died in an automobile mishap. The vehicle was struck from behind by another vehicle traveling at a high rate of speed and was pushed into oncoming traffic.

10 Mar 2019: (Huntington Beach, CA) E-3 was hit by a vehicle while crossing the road.

20 Feb 2019: (Holly Ridge, NC) E-3 died when she was operating an automobile in a multi-vehicle mishap.

16 Jan 2019: (Jeffersonville, IN) E-3 was traveling in a POV when it was struck by a loose tire from another vehicle killing her.

14 Jan 2019: (El Paso, TX) E-1 died in a head-on collision.

02 Jan 2019: (Beckley, WV) E-7 died when a garbage truck collided with his vehicle.

28 Dec 2018: (Garland, TX) E-6 motorcyclist died in a multi-vehicle mishap.

22 Dec 2018: (Newaygo, MI) E-3 died in a single-vehicle automobile mishap.

18 Nov 2018: (Julian, CA) E-4 died on 22 Nov from injuries sustained in a single-vehicle motorcycle mishap.

18 Nov 2018: (Philadelphia, PA) E-8 died when he was hit by a vehicle while crossing the street.

16 Nov 2018: (Temecula, CA) E-5 motorcyclist died when he collided with another vehicle.

19 Oct 2018: (Richlands, NC) E-3 died in a motorcycle mishap on his way to work.

12 Oct 2018: (Snyder, TX) E-1 died in a multi-vehicle automobile mishap.

▪ USMC OFF-DUTY/RECREATIONAL FATALITIES

04 May 2019: (Emerald Isle, NC) E-3 died while swimming after getting caught in rip tide.

31 Mar 2019: (Murrieta, CA) E-7 found unresponsive in the morning and pronounced dead after CPR attempt by paramedics.

Marine Corps Short Narratives

- USMC OFF-DUTY/RECREATIONAL FATALITIES (con't)

07 Mar 2019: (Independence, CA) O-2 declared deceased on 04 April after not reaching exit point of 10 day planned hike/ski of the Sierra High Route. Body not recovered.

05 Mar 2019: (Onamia, MN) E-5 died in a snow mobile mishap involving another vehicle.

01 Jan 2019: (Wyoming, MI) E-3 could not be revived after passing out on couch.

20 Oct 2018: (Havelock, NC) E-3 died when his weapon accidentally discharged while he was cleaning it.



Mishap Confidence Interval



- 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 FY14-18 data except for the Lost Work Days and Lost Time Case slides which were based on a normal distribution).