Army Public Health Center

US AIR FORCE ACTIVE DUTY EYE INJURY SUMMARY BY INSTALLATION 1ST QUARTER CALENDAR YEAR 2019

Approved for public release, distribution unlimited

2019

APHC

U.S. Air Force Eye Injury Quarterly Report (2019, Quarter 1), Active Component

	OVERALL		Superficial Injuries		Contusion		Orbit		Lid/Adnexa		Posterior Segment		High Risk of Blindness		Burns		Anterior Segment		Optic/Cranial Nerves		Corneal Disorder	
	Count	Rate[1]	Count	Rate[1]	Count	Rate[1]	Count	Rate[1]	Count	Rate[1]	Count	Rate[1]	Count	Rate[1]	Count	Rate[1]	Count	Rate[1]	Count	Rate[1]	Count	Rate[1]
Overall DoD Eye Injuries[2]	**3,346**	**11.10**	**1,952**	**6.48**	**282**	**0.94**	**47**	**0.16**	**393**	**1.30**	**132**	**0.44**	**24**	**0.08**	**51**	**0.17**	**55**	**0.18**	**5**	**0.02**	**405**	**1.34**
Overall AIR FORCE Eye Injuries[2]	**807**	**10.33**	**533**	**6.82**	**61**	**0.78**	**10**	**0.13**	**82**	**1.05**	**40**	**0.51**	**4**	**0.05**	**8**	**0.10**	**8**	**0.10**	**0**	**0.00**	**61**	**0.78**
ACC																						
Beale AFB	10	10.41	9	9.37	0	0.00	0	0.00	1	1.04	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Creech AFB	12	18.25	8	12.16	1	1.52	0	0.00	1	1.52	1	1.52	0	0.00	0	0.00	0	0.00	0	0.00	1	1.52
Davis-Monthan	11	7.66	9	6.27	2	1.39	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Dyess AFB	12	11.15	9	8.37	2	1.86	0	0.00	1	0.93	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Ellsworth AFB	4	4.86	4	4.86	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Holloman AFB	8	8.02	7	7.02	1	1.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Langley AFB	14	8.00	10	5.72	0	0.00	0	0.00	1	0.57	1	0.57	0	0.00	0	0.00	0	0.00	0	0.00	2	1.14
Moody AFB	10	9.02	9	8.12	0	0.00	0	0.00	1	0.90	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Mountain Home AFB	9	10.83	7	8.43	1	1.20	0	0.00	1	1.20	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Nellis AFB	27	14.80	14	7.67	2	1.10	0	0.00	5	2.74	3	1.64	0	0.00	0	0.00	0	0.00	0	0.00	3	1.64
Offutt AFB	13	9.49	7	5.11	3	2.19	0	0.00	1	0.73	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	2	1.46
Seymour Johnson AFB	15	13.22	8	7.05	1	0.88	0	0.00	2	1.76	0	0.00	1	0.88	0	0.00	0	0.00	0	0.00	3	2.64
Shaw AFB	13	10.97	7	5.91	1	0.84	1	0.84	2	1.69	0	0.00	0	0.00	0	0.00	2	1.69	0	0.00	0	0.00
AETC																						
Altus AFB	2	5.98	2	5.98	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Goodfellow AFB	11	20.15	7	12.82	2	3.66	0	0.00	1	1.83	0	0.00	0	0.00	1	1.83	0	0.00	0	0.00	0	0.00
Keesler AFB	14	12.66	10	9.04	2	1.81	0	0.00	1	0.90	0	0.00	0	0.00	1	0.90	0	0.00	0	0.00	0	0.00
Lackland AFB	41	9.61	25	5.86	1	0.23	0	0.00	5	1.17	3	0.70	0	0.00	1	0.23	2	0.47	0	0.00	4	0.94
Luke AFB	6	5.52	3	2.76	1	0.92	0	0.00	0	0.00	0	0.00	0	0.00	1	0.92	0	0.00	0	0.00	1	0.92
Maxwell AFB	9	13.84	8	12.30	0	0.00	0	0.00	1	1.54	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Randolph AFB	9	12.82	3	4.27	0	0.00	0	0.00	1	1.42	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	5	7.12
Sheppard AFB	8	5.36	5	3.35	1	0.67	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	2	1.34
Tyndall AFB	6	10.82	4	7.21	0	0.00	1	1.80	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	1.80
AFDW																						
Andrews AFB	13	12.83	9	8.88	0	0.00	0	0.00	1	0.99	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	3	2.96
AFMC																						
Edwards AFB	5	10.42	4	8.33	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	2.08
Eglin AFB	15	10.35	11	7.59	2	1.38	0	0.00	2	1.38	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Hanscom AFB	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Hill AFB	17	17.22	13	13.16	1	1.01	0	0.00	2	2.03	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	1.01
Kirtland AFB	9	11.30	5	6.28	3	3.77	0	0.00	0	0.00	1	1.26	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Robins AFB	10	12.44	7	8.71	1	1.24	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	2	2.49
Tinker AFB	10	9.05	7	6.33	0	0.00	0	0.00	1	0.90	0	0.00	1	0.90	0	0.00	0	0.00	0	0.00	1	0.90
Wright-Patterson AFB	12	9.24	9	6.93	1	0.77	1	0.77	0	0.00	1	0.77	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
AFSGC																						
Barksdale AFB	6	4.76	2	1.59	1	0.79	0	0.00	0	0.00	2	1.59	0	0.00	0	0.00	0	0.00	0	0.00	1	0.79
F.E. Warren AFB	5	6.62	4	5.30	0	0.00	1	1.32	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Malmstrom AFB	12	15.39	6	7.70	1	1.28	1	1.28	2	2.57	1	1.28	0	0.00	0	0.00	0	0.00	0	0.00	1	1.28
Minot AFB	11	7.94	8	5.78	1	0.72	0	0.00	1	0.72	0	0.00	0	0.00	1	0.72	0	0.00	0	0.00	0	0.00
Whiteman AFB	5	5.34	3	3.21	1	1.07	0	0.00	1	1.07	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
AFSOC																						
Cannon AFB	13	11.31	9	7.83	0	0.00	0	0.00	2	1.74	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	2	1.74
Hurlburt Field	20	10.26	15	7.69	0	0.00	0	0.00	2	1.03	1	0.51	0	0.00	0	0.00	1	0.51	0	0.00	1	0.51
AFSPC																						
Buckley AFB	2	4.72	1	2.36	0	0.00	0	0.00	0	0.00	1	2.36	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Los Angeles AFB	9	31.47	6	20.98	0	0.00	0	0.00	0	0.00	1	3.50	1	3.50	0	0.00	0	0.00	0	0.00	1	3.50
Patrick AFB	4	11.52	2	5.76	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	2.88	0	0.00	0	0.00	1	2.88
Peterson AFB	13	17.08	11	14.45	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	2	2.63
Schriever AFB	7	17.64	2	5.04	2	5.04	0	0.00	1	2.52	1	2.52	0	0.00	0	0.00	0	0.00	0	0.00	1	2.52
Vandenberg AFB	8	13.72	4	6.86	0	0.00	1	1.72	3	5.15	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
AMC																						
Charleston AFB	10	11.61	7	8.12	0	0.00	0	0.00	1	1.16	2	2.32	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Fairchild AFB	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Grand Forks AFB	2	4.99	1	2.49	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	2.49
Little Rock AFB	8	9.90	8	9.90	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
MacDill AFB	14	15.98	9	10.27	0	0.00	0	0.00	2	2.28	3	3.42	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
McChord AFB	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
McConnell AFB	13	18.70	8	11.51	0	0.00	0	0.00	5	7.19	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
McGuire AFB	21	19.36	12	11.06	3	2.77	0	0.00	3	2.77	1	0.92	0	0.00	0	0.00	1	0.92	0	0.00	1	0.92
Pope AFB	4	10.16	3	7.62	0	0.00	0	0.00	1	2.54	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Scott AFB	10	9.45	8	7.56	0	0.00	0	0.00	2	1.89	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Travis AFB	22	13.96	17	10.79	1	0.63	0	0.00	1	0.63	1	0.63	0	0.00	0	0.00	0	0.00	0	0.00	2	1.27
PACAF																						
Eielson AFB	6	13.75	3	6.87	0	0.00	1	2.29	0	0.00	1	2.29	0	0.00	0	0.00	1	2.29	0	0.00	0	0.00
Elmendorf AFB	21	15.98	11	8.37	4	3.04	1	0.76	1	0.76	3	2.28	0	0.00	0	0.00	0	0.00	0	0.00	1	0.76
Hickam AFB	7	6.17	3	2.65	1	0.88	0	0.00	0	0.00	3	2.65	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Kadena AB	19	11.93	10	6.28	1	0.63	0	0.00	4	2.51	0	0.00	0	0.00	1	0.63	1	0.63	0	0.00	2	1.26
Kunsan AB	4	6.51	3	4.88	1	1.63	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Misawa AB	9	13.88	8	12.33	0	0.00	0	0.00	0	0.00	1	1.54	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Osan AB	8	6.38	7	5.58	0	0.00	0	0.00	0	0.00	0	0.00	1	0.80	0	0.00	0	0.00	0	0.00	0	0.00
Yokota AB	5	6.96	5	6.96	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
USAFA																						
USAF Academy	8	17.47	4	8.74	2	4.37	0	0.00	1	2.18	1	2.18	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
USAFE																						
Aviano AB	6	6.18	3	3.09	1	1.03	0	0.00	2	2.06	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Incirlik AB	4	11.37	3	8.53	0	0.00	0	0.00	1	2.84	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
United Kingdom	18	9.57	11	5.85	2	1.06	0	0.00	4	2.13	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	0.53

1. Rate is per 1,000 person-years.
2. Includes counts and person-time with unknown installation information.

Disclaimer for Reports:
* Medical data from Military Treatment Facilities that are using MHS GENESIS are not available in DMSS. This includes Naval Hospital Oak Harbor, Naval Hospital Bremerton, Air Force Medical Services Fairchild, and Madigan Army Medical Center. Therefore, individuals who are expected to seek care at one of these facilities are currently being removed from the study population as we will not capture their medical encounters.

Source: Defense Medical Surveillance System (DMSS) as of 15-MAY-2019
Prepared by the Armed Forces Health Surveillance Branch, Public Health Division, Defense Health Agency

TRI-SERVICE VISION CONSERVATION AND READINESS