Army Public Health Center

US AIR FORCE ACTIVE DUTY EYE INJURY SUMMARY BY INSTALLATION 4TH QUARTER CALENDAR YEAR 2017

Approved for public release, distribution unlimited

2017

APHC

U.S. Air Force Eye Injury Quarterly Report (2017, Quarter 4), 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]	**3,612**	**11.84**	**2,088**	**6.84**	**302**	**0.99**	**47**	**0.15**	**413**	**1.35**	**115**	**0.38**	**27**	**0.09**	**59**	**0.19**	**58**	**0.19**	**4**	**0.01**	**499**	**1.64**
Overall AIR FORCE Eye Injuries[2]	**881**	**11.23**	**579**	**7.38**	**45**	**0.57**	**8**	**0.10**	**79**	**1.01**	**28**	**0.36**	**5**	**0.06**	**10**	**0.13**	**13**	**0.17**	**2**	**0.03**	**112**	**1.43**
ACC																						
Beale AFB	15	15.42	11	11.31	0	0.00	0	0.00	2	2.06	1	1.03	0	0.00	0	0.00	0	0.00	0	0.00	1	1.03
Creech AFB	7	10.25	4	5.85	1	1.46	0	0.00	1	1.46	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	1.46
Davis-Monthan	16	10.87	8	5.44	1	0.68	0	0.00	0	0.00	3	2.04	0	0.00	0	0.00	0	0.00	0	0.00	4	2.72
Dyess AFB	14	12.58	9	8.09	1	0.90	1	0.90	2	1.80	0	0.00	1	0.90	0	0.00	0	0.00	0	0.00	0	0.00
Ellsworth AFB	11	13.22	10	12.02	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	1.20
Holloman AFB	14	14.05	12	12.04	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	2.01
Langley AFB	22	12.55	15	8.56	1	0.57	0	0.00	2	1.14	0	0.00	0	0.00	0	0.00	1	0.57	0	0.00	3	1.71
Moody AFB	9	8.10	7	6.30	0	0.00	1	0.90	1	0.90	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Mountain Home AFB	8	9.58	4	4.79	1	1.20	0	0.00	1	1.20	0	0.00	0	0.00	1	1.20	0	0.00	0	0.00	1	1.20
Nellis AFB	24	13.36	18	10.02	0	0.00	0	0.00	0	0.00	1	0.56	0	0.00	0	0.00	0	0.00	0	0.00	5	2.78
Offutt AFB	10	7.08	4	2.83	2	1.42	0	0.00	2	1.42	1	0.71	0	0.00	0	0.00	0	0.00	0	0.00	1	0.71
Seymour Johnson AFB	16	14.39	10	8.99	1	0.90	1	0.90	1	0.90	0	0.00	0	0.00	1	0.90	0	0.00	0	0.00	2	1.80
Shaw AFB	7	6.34	4	3.62	1	0.91	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	0.91	0	0.00	1	0.91
AETC																						
Altus AFB	4	12.02	2	6.01	1	3.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	3.00
Goodfellow AFB	9	16.11	7	12.53	1	1.79	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	1.79
Keesler AFB	5	4.57	3	2.74	1	0.91	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	0.91	0	0.00
Lackland AFB	36	9.13	27	6.84	0	0.00	0	0.00	3	0.76	2	0.51	0	0.00	2	0.51	1	0.25	0	0.00	1	0.25
Luke AFB	23	23.02	18	18.02	0	0.00	0	0.00	4	4.00	0	0.00	1	1.00	0	0.00	0	0.00	0	0.00	0	0.00
Maxwell AFB	11	17.06	8	12.41	1	1.55	0	0.00	2	3.10	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Randolph AFB	10	14.67	5	7.33	0	0.00	0	0.00	1	1.47	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	4	5.87
Sheppard AFB	4	2.63	3	1.97	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	0.66
Tyndall AFB	21	24.69	10	11.76	0	0.00	0	0.00	4	4.70	1	1.18	0	0.00	1	1.18	0	0.00	0	0.00	5	5.88
AFDW																						
Andrews AFB	14	13.64	11	10.72	0	0.00	0	0.00	1	0.97	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	2	1.95
AFMC																						
Edwards AFB	7	14.07	5	10.05	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	2.01	0	0.00	0	0.00	1	2.01
Eglin AFB	14	10.26	8	5.86	2	1.47	0	0.00	2	1.47	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	2	1.47
Hanscom AFB	3	14.78	3	14.78	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	12	12.37	11	11.34	1	1.03	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Kirtland AFB	2	2.50	1	1.25	0	0.00	0	0.00	1	1.25	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Robins AFB	14	16.96	8	9.69	0	0.00	1	1.21	3	3.63	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	2	2.42
Tinker AFB	13	11.94	5	4.59	3	2.76	0	0.00	3	2.76	0	0.00	0	0.00	0	0.00	1	0.92	0	0.00	1	0.92
Wright-Patterson AFB	19	14.28	9	6.76	1	0.75	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	9	6.76
AFSGC																						
Barksdale AFB	14	10.70	10	7.64	2	1.53	0	0.00	0	0.00	1	0.76	0	0.00	0	0.00	0	0.00	0	0.00	1	0.76
F.E. Warren AFB	6	7.81	4	5.21	1	1.30	0	0.00	1	1.30	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Malmstrom AFB	11	13.64	6	7.44	1	1.24	0	0.00	2	2.48	0	0.00	0	0.00	0	0.00	1	1.24	0	0.00	1	1.24
Minot AFB	16	11.34	13	9.21	3	2.13	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Whiteman AFB	9	9.57	7	7.45	0	0.00	1	1.06	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	1.06
AFSOC																						
Cannon AFB	10	8.46	6	5.07	1	0.85	0	0.00	2	1.69	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	0.85
Hurlburt Field	28	14.35	22	11.28	1	0.51	0	0.00	1	0.51	1	0.51	0	0.00	0	0.00	0	0.00	0	0.00	3	1.54
AFSPC																						
Buckley AFB	3	7.12	2	4.75	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	2.37
Los Angeles AFB	5	17.34	3	10.40	0	0.00	0	0.00	0	0.00	1	3.47	0	0.00	0	0.00	0	0.00	0	0.00	1	3.47
Patrick AFB	3	8.39	3	8.39	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Peterson AFB	5	6.55	4	5.24	0	0.00	1	1.31	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Schriever AFB	7	16.84	5	12.03	0	0.00	0	0.00	1	2.41	1	2.41	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Vandenberg AFB	7	11.55	5	8.25	0	0.00	0	0.00	1	1.65	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	1.65
AMC																						
Charleston AFB	11	12.75	7	8.11	2	2.32	0	0.00	0	0.00	1	1.16	1	1.16	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	9	21.92	7	17.05	0	0.00	0	0.00	1	2.44	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	2.44
Little Rock AFB	4	4.88	3	3.66	0	0.00	0	0.00	1	1.22	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
MacDill AFB	7	8.14	6	6.98	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	1.16
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	12	16.63	10	13.86	0	0.00	0	0.00	1	1.39	1	1.39	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
McGuire AFB	19	17.55	13	12.01	1	0.92	0	0.00	3	2.77	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	2	1.85
Pope AFB	5	12.21	2	4.89	0	0.00	0	0.00	0	0.00	1	2.44	1	2.44	0	0.00	0	0.00	0	0.00	1	2.44
Scott AFB	11	10.21	7	6.49	1	0.93	0	0.00	1	0.93	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	2	1.86
Travis AFB	28	18.01	16	10.29	2	1.29	0	0.00	1	0.64	1	0.64	0	0.00	1	0.64	0	0.00	0	0.00	7	4.50
PACAF																						
Eielson AFB	5	11.79	3	7.07	0	0.00	0	0.00	2	4.72	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Elmendorf AFB	22	16.27	14	10.35	0	0.00	0	0.00	3	2.22	0	0.00	0	0.00	1	0.74	1	0.74	0	0.00	3	2.22
Hickam AFB	17	15.08	11	9.76	0	0.00	0	0.00	2	1.77	2	1.77	0	0.00	0	0.00	0	0.00	0	0.00	2	1.77
Kadena AB	27	16.51	14	8.56	2	1.22	0	0.00	3	1.83	0	0.00	0	0.00	0	0.00	1	0.61	0	0.00	7	4.28
Kunsan AB	9	14.70	5	8.17	0	0.00	0	0.00	3	4.90	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	1.63
Misawa AB	5	7.73	4	6.18	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	1.55	0	0.00	0	0.00
Osan AB	11	8.98	5	4.08	0	0.00	0	0.00	3	2.45	0	0.00	0	0.00	0	0.00	1	0.82	0	0.00	2	1.63
Yokota AB	5	6.90	3	4.14	0	0.00	0	0.00	0	0.00	1	1.38	0	0.00	0	0.00	0	0.00	0	0.00	1	1.38
USAFA																						
USAF Academy	3	6.32	3	6.32	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
USAFE																						
Aviano AB	8	8.62	5	5.39	0	0.00	0	0.00	0	0.00	1	1.08	0	0.00	0	0.00	0	0.00	0	0.00	2	2.16
Incirlik AB	3	8.28	2	5.52	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	2.76
United Kingdom	15	7.77	9	4.66	1	0.52	0	0.00	2	1.04	0	0.00	0	0.00	1	0.52	0	0.00	0	0.00	2	1.04

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 09-FEB-2018
Prepared by the Armed Forces Health Surveillance Branch, Public Health Division, Defense Health Agency

TRI-SERVICE VISION CONSERVATION AND READINESS