

Office of Yard Surgeon

Navy Yard, Mare Island, California

February 8, 1919.

From: Medical Officer,
To : Bureau of Medicine & Surgery,
Via : Commandant, Mare Island, California.

Subject: Sanitary Report; -Naval Station, Mare Island, California,
Month of January, 1919.

1. The general sanitary condition of this Station has been very good. The incidence of disease and injury shows a decrease when compared with that for December amounting to a rate of 5.66 per thousand of men.

STATISTICS.

2. The statistical tables dealing with the health of the personnel and the activities of the department will be found on pages 4 to 8.

3. Table 1 deals with diseases, injuries and preventive work among Navy and Marine personnel; also laboratory examinations and operative work at the three divisions of the Medical Department of the Station.

4. Table 2 deals with diseases, injuries and preventive work among Federal employees and out-patient work among officers of the Navy and their families.

5. Table 3 shows the work performed by the Dental Department of the Station.

6. Table 4 shows by weeks the rates per 1000 for communicable diseases.

7. Excluding families living on the Yard and their visitors and contractors employees, there was a total average complement of 13,880 persons on the Island daily during the month. Of these the total average complement of Navy and Marine personnel was 6728 and of Civilian employees 7162.

8. The admission rate per 1000 for all causes among the personnel of Navy and Marine Corps for January was 83.34 (554 cases) as compared with the same rate of 72.45 for November and 89.08 for December. Attendance at sick call and transfers to Naval Hospital are decreased for all groups except that transfers to the hospital from the Naval Training Camp are increased. Communicable diseases are decreased. There were no deaths.

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COMMUNICABLE DISEASES.

9. The rate per thousand for communicable diseases for the Military personnel is slightly decreased as a whole, but there is a slight increase in the incidence of influenza. The rate for communicable diseases, other than influenza is decreased and this rate is below normal at this time of the year. Comparative rates for items of special interest are as follows:-

	Nov.	Dec.	January	
			No.	Rate
Communicable diseases, total--	38.37	34.38	315	31.85
Communicable diseases other				
than influenza ----	10.66	14.45	78	11.59
influenza ----	28.21	19.93	137	30.36✓
Venereal Diseases ----	3.85	2.86	36	3.86
Venereal Prophylaxis----	10.17	24.09	163	24.67
Mumps ----	6.36	5.46	29	4.31
Measles ----	0	0	0	0

10. It will be seen that MEASLES has again been absent from the Military Forces and this absence is especially interesting as it has been persistent for three months consecutively. RINGWORM has disappeared, but a few cases of SCABIES have occurred but this disease shows no tendency to spread to any degree. MUMPS shows a slight decrease but is still very evident in spite of a special effort that has been made to sterilize all mess gear by careful supervision of dish washing machines, to see that operators maintain proper temperature of washing water, and required time of exposure.

11. INFLUENZA:- Among the Military Forces during the month of January, influenza has not occurred in epidemic proportions and those cases that have occurred have been of mild type not resulting in death. As noted in report for December, cases during that month were steadily increasing in numbers and becoming more severe in type in the Bay Cities and in the adjacent city of Vallejo, and this increase continued until active steps were rendered necessary on the part of the authorities of these Civil Communities in order to limit its further spread. In spite of the fact that contact between the Military Forces and the Civil Communities were not restricted, there was no apparent increase of cases amongst the Military Forces. Steps were taken to protect the Military Forces to the extent of requiring the wearing of masks and the prohibition of dancing and the issuance of circulars of instructions. The civilian employees of the Navy Yard were affected to a considerable extent and the inhabitation of the city of Vallejo were seriously affected, and, owing to the fact that the Civil Community could not handle the situation, an emergency hospital

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was again established in this town for the treatment of influenza cases.

12. It was decided to reestablish this emergency hospital as with 75 beds on Saturday, January 11, 1919, in the evening, and on the evening of Monday, January 13, 1919, the establishment was in full running order and patients were being received. The doors of the institution remained open until January 28, 1919, during which time 55 patients were handled; - 20 men, 25 women, and 10 children. The greatest number in the hospital on any one day was 39, and although cases were largely of the pneumonic type, there was but one death, which occurred in a case moribund on admission, two hours after admission.

SANITATION

13. The general sanitary condition of the Station has been very good. Nothing has occurred that is deemed of sufficient importance to require a special remark.

GENERAL

14. The offices of the Medical Supply Depot were moved into the new building on January 23 and the bulk of the stores on hand are now in this spacious structure. The building is well arranged and adapted to the purposes for which it was intended with the exception, possibly, of the offices for which no provision was made on the approved plan and had to be fitted in at a convenient point. However, they answer the purpose very well and are a tremendous improvement over the old crowded office in the Yard Dispensary Building. C

15. Plans are now being considered to rearrange the Yard Dispensary Building (No. 125) with a view to making use of the space vacated by the Supply Depot which space is urgently required for the proper conduct of the business of the Yard Dispensary.

John L. Nelson

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STATISTICAL TABLES.

	NAVY PERSONNEL			MARINE PERSONNEL			NAVY		
	Naval Training Camp.	Rate per 1000	No.	Other Navy Personnel.	Rate per 1000	No.	Head- Quarters Depot	Rate per 1000	No.
Average Complement-----	2319		1530			1358			1121
Average number in detention-----	130					687			0
Received (all sources)-----	686					55			27
Transferred (other stations)-----	139					177			161
Examined for re-enlistment-----	11					56			4
Examined for re-enlistment-----	2					0			0
Examined (Rate based on total Rejected examined for enlistment and re-enlistment)-----	0					1	17.65		0
Admissions to Sick List (all causes)-----	294	108.127	15	9.802		152	111.92		60
Admissions for disease-----	285	104.817	15	9.803		138	101.62		76
Admissions for injury-----	9	3.213	0	0		14	10.30		4
Attending Sick List (all causes)	1261	471.129	120	-78.421		742	-546.21		422
Deaths-----	0	0	0	0		0	0		0
Transferred (To Hospital)	161	59.212	9	5.682		99	72.99		52
Communicable Diseases (Total)	94	36.77	7	4.581		81	59.64		32
Cholera-----	0	0	0	0		1	.73		0
Dysentery-----	49	18.02	6	3.921		56	42.70		25
Influenza-----	15	5.653	1	1.653		12	8.76		1
Mumps-----	4	1.471	0	0		0	0		0
Scabies-----	4	1.471	0	0		0	0		0
Gonorrheal-----	16	6.620	0	0		0	0		0
Syphilis-----	4	1.471	0	0		0	0		0
Carriers (Total)-----	0	0	0	0		0	0		0
Meningeal-----	0	0	0	0		0	0		0
Diphtheria-----	0	0	0	0		0	0		0

STATISTICAL TABLES.

January - 1919.

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ITEMS	CIVILIAN EMPLOYEES.		OFFICERS AND OTHER PERSONNEL		FAMILIES	
	Number	Rate per 1000	Number	Number	Number	Number
A. Average Complement - - - - -	7162					
B. Examined for employment - - - - -	951					
Rejected. (Rate based on number examined):	159	146.16				
C. Surgical Treatments (Original) - - - - -	1016	141.86	9			
Surgical Treatments (Redress) - - - - -	1414	197.40	18			
Medical Treatments - - - - -	452	63.11	290			
Excluded from Duty--Injury - - - - -	43	6.00				
To Naval Hospital - - - - -	4	.558				
Deaths (all causes) - - - - -	0	.00				
Hence Visits - - - - -	18	1.67				5
Communicable Diseases - - - - -						
Influenza - - - - -	26	3.63	2			1
Patal Communicable - - - - -	26	3.63	2			1
D. Anti-typhoid inoculations - - - - -	0					
Cow-pox Vaccinations - - - - -	0					
Veneral Prophylaxis - - - - -	0		6			
E. Laboratory Examinations - - - - -						
Urinæ - - - - -	0		208			
Feces - - - - -	0		0			
Blood - - - - -	0		0			
Smears - - - - -	0		1			
Cultures - - - - -	0		0			
Miscellaneous Operations - - - - -	0		0			
F. Emergency Influenza Hospital; Vallejo, Cal:						
Admissions - - - - -	55					
Deaths - - - - -	1					
Autopsies - - - - -	77					
Stomach examinations - - - - -	102					
Stomach transusions - - - - -	131					
Blood transusions - - - - -	2					

Table I
Communicable Diseases. Admission Rate per 1000, Mare Island

Navy Personnel.					Diseases.					Marine Personnel.				
1/4/19:	1/11:	1/18:	1/25:	2/1:	Week ending	1/4/19:	1/11:	1/18:	1/25:	2/1:				
4184	4210	4287	4433	3910	Average complement	2851	2543	2564	2582	2609				
					Cerebro Spinal Fever									
					Chicken Pox		.29							
					Diphtheria									
					Measles									
					German Measles									
1.19	2.32	6.06	3.83	2.81	Influenza	8.41	10.61	5.46	3.86	8.14				
					Measles		.39							
1.67	2.32	.69	.22	.51	Mumps	.35	.39	.78		4.52				
					Pneumonia									
.23			.22	.51	Scarlet Fever									
					Trichophytosis									
.23					Tuberculosis									
					Unidentified									
					Chancroid									
1.67	1.85	.89	.67	1.02	Gonorrhea infection		.39	.78	.38					
.46	.23	.20	.45		Syphilis									
	.88	20.99	13.08	20.97	All Causes	15.87	25.56	19.11	19.69	23.08				