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ANNUAL REPORT

—OF—

J. L. MEARES, M. D.

HEALTH OFFICER

OF

CITY AND COUNTY OF SAN FRANCISCO,

FOR THE

FISCAL YEAR ENDING JUNE 30TH. 1884.

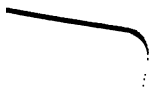
Including Reports of W. F. McAllister, M. D., Quarantine Officer;
J. W. Foye, M. D., Resident Physician Twenty-sixth Street
Hospital, and Chas. Blach, M. D., City
Physician and Police Surgeon.



SAN FRANCISCO:

W. A. WOODWARD & Co., ALTA PRINTING HOUSE, 21 CALIFORNIA ST.

1884.



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JACOB GANS. E. H. COE.

HEALTH OFFICER'S REPORT.

*To the Honorable the Board of Supervisors
of the City and County of San Francisco:*

GENTLEMEN—I herewith transmit my report of the affairs of this office for the fiscal year terminating June 30, 1884.

During the year there were 5,000 deaths against 4,988 of the preceding year, an increase of 12. Of these 502 were Mongolians, and 4,498 were of other nationalities.

Estimating our population at 270,000, the annual ratio of deaths per 1,000 was 18.47, against 19.95 of the preceding year, when our population was estimated at 250,000.

Estimating the Chinese population at 22,000, the annual rate was 22.8, against 25.3 of the preceding year.

Estimating the population of other nationalities at 248,000, the annual ratio of deaths was 18.13, against 19.42 of the preceding year.

Among the more prominent causes of death were, from zymotic diseases: dysentery and diarrhoea, 63; cholera infantum, 91; diphtheria, 51; typhoid fever, 180; other zymotic diseases, 285.

From constitutional diseases: cancer, 166; phthisis pulmonalis, 907; other constitutional diseases, 82.

From local diseases: encephalitis, 151; apoplexy and paralysis, 210; other diseases of nervous system, 332; heart disease, 278; other diseases of circulatory system, 59; pneumonia, 360; bronchitis, 117; other diseases of the respiratory system, 173; gastritis, 34; enteritis, 176; hepatitis, 39; cirrhosis of the liver, 42; peritonitis, 55; other diseases of digestive system, 104; Bright's disease, 57; nephritis, 39; other diseases of the urinary

system, 56. From diseases of the generative system, 19. From diseases of the locomotory system, 25. From diseases not localized, 55. From developmental diseases: inanition, old age and debility, 375; other diseases of this system, 153. From violent deaths, 245.

There were 21 deaths from unascertained causes; of these 10 were whites and 11 Mongolians, against 64 last year.

By reference to Table IV, Abridged Mortality Report, it will be seen that 18.14 per cent of the entire deaths occurred from phthisis pulmonalis alone. Of these 205 were Mongolians—over 40 per cent of the entire number of deaths (502) of this race. Heretofore a large proportion of the deaths of the Chinese have been reported from unknown causes. As a rule they are examined after death by the Police Surgeon, and as he can ascertain but little of the history of these cases, the diagnosis is necessarily often of a doubtful character.

The three cases of yellow fever, of course, were imported.

This disease, in my opinion, can never prevail as an epidemic in San Francisco, our temperature being too low for the propagation of the germs of this scourge (see Table No. 20).

Only three cases of smallpox were reported during the year. These cases were all imported, and were immediately removed to the Twenty-sixth Street Hospital. No deaths occurred.

So long as the Restriction Act is faithfully and intelligently enforced against the immigration of Chinese, I have no fear of a serious smallpox epidemic, provided our people continue, as at present, to appreciate the necessity of thorough vaccination.

The almost universal adoption of bovine virus has removed the former prejudice against vaccination—a prejudice which was not confined to the ignorant, but was entertained and acted upon by many intelligent people in and out of the medical profession.

I wish to reiterate a statement made in one of my reports several years ago: "That no case, even of varioloid, has occurred in this city where the patient had been successfully vaccinated with animal virus before the period of incubation of smallpox; and that when the period of incubation had been

going on for several days, the disease has been so modified by vaccination, in every case, as to make it harmless." I make this statement after an experience of more than eight years in the use of animal virus, during which time I have personally vaccinated thousands of cases exposed to the disease, with the above result.

The isolation of lepers is so important and its necessity so self-evident, that I scarcely think the subject worthy of discussion.

Heretofore the entire expense of supporting a lazaretto has fallen upon the people of San Francisco, and will continue to do so, unless the State, as it ought to do, takes in hand this important matter.

We probably have more than 100,000 Mongolians on this Coast, and even if the Restriction Act should be efficiently enforced, still you have the fact staring you in the face that leprosy will continue to develop, as heretofore, among these people.

Those of us familiar with the execution of our sanitary laws, know the fact that leprosy is not imported into San Francisco, unless a case in its incipiency should escape the careful inspection adopted both at Hongkong and the port of San Francisco.

This disease, like consumption, may lie dormant for years, and then develop at any period of life without any apparent exciting cause.

The prejudice of our people against the Chinese has undoubtedly confined this disease almost entirely to that race; but as the Restriction Act will necessarily diminish this population, their labor will be more in demand; and when, by their industry and desire to learn, they acquire a more thorough knowledge of our language and become more assimilated to our manners and customs, will not this prejudice gradually subside? And will it not come to pass, in a few years, in this cosmopolitan city, continually being made more so by immigration from all parts of the world, that marriage between the Chinese and people of other nationalities will become a frequent occurrence? Although this disease may not be contagious, in the ordinary acceptation of that term, we are satisfied that it is commun-

icated by inoculation, and by other means not necessary to discuss here.

The fiscal year just terminated has been one of unusual healthfulness. We have had no epidemics. The annual ratio of deaths per 1,000 of population has been materially reduced. This ratio (18.47 per 1,000 of population), and especially the ratio of deaths per 1,000 from zymotic causes (13.4), is the best evidence that San Francisco, if not the healthiest, is one of the healthiest of the large cities in the world.

The reduction of our death rate is not the result of accident, but is due to the constantly improving sanitary condition of the city.

It gives me great pleasure to state that the present Board of Supervisors, assisted by a conscientious and industrious Superintendent of Streets, with intelligent and efficient assistants, have done more, and are doing more, to improve the sanitary condition of this city than has been accomplished by any and I may say all of their predecessors since my connection with the City Government, a period of more than eight years. The very worst public nuisances, such as the North Beach, and Bryant avenue, and Solano street nuisances, have been created by some of your predecessors, and in vain have I appealed, till now, by the most earnest communication to their Honorable Bodies and through the courts for an abatement of these sources of discomfort and breeders of disease. The people of the northern as well as the southern portion of the city have reason to thank you for doing what they and I have in vain sought to accomplish through other administrations.

The reconstruction of the most important sewers in the southern portion of the city, especially the Fifth, Fourteenth, Fifteenth, Seventeenth and Eighteenth street sewers, will add most materially to the comfort and health of a large and densely populated portion of the city.

The extension of the Powell street sewer through the sea wall will relieve thousands of people who have patiently suffered for years from one of the most intolerable nuisances which has ever disgraced any city.

It is to be hoped that the Harbor Commissioners will hereafter, as the wall is extended, construct immediately a sewer through the sea wall at the foot of every street. This will permit the salt water to flow in and out of the basins which are necessarily created by the extension of the sea wall, until such time as the said basins are filled in and the city's sewers extended to deep water.

I invite your attention to the report of the Sanitary Inspectors and other officers connected with this Department, including the financial report of the Secretary, believing that you will find that the affairs of the Department have been honestly, intelligently and economically administered. The report of the Inspector of Plumbing and Drainage will furnish abundant evidence of the wisdom of the Legislature in enacting this law. The act would be more effective and salutary if the rules and regulations established by the Board of Health could be made to apply to old as well as new houses.

The masses of the people of San Francisco are better fed, better clothed, better housed, receive better wages, and consequently are more intelligent than the same class of people in any city of which I have any knowledge.

Such a people have a right to demand that our pure air shall not be contaminated by unnecessary nuisances, whether they be of a private or public character.

In conclusion, I desire to say that, with the sanitary improvement now going on and those projected, in a few months our city will compare in cleanliness and health most favorably with any large city in this or any other country.

Very respectfully,

J. L. MEARES, M. D.,

Health Officer of the City and County of San Francisco.
JULY 1, 1884.

MORTUARY STATISTICS.

9

TABLE No. I.

MONTHLY DISTRIBUTION OF MORTALITY IN SAN FRANCISCO FOR EIGHTEEN YEARS.

FISCAL YEARS.	Caucasian and African.	Mongolian.	Total.	July.	August.	September.	October.	November.	December.	January.	February.	March.	April.	May.	June.
1866-67.....	2359	162	2552	214	219	186	239	210	228	226	201	119	179	208	201
1867-68.....	2410	167	2577	248	198	187	217	127	917	228	199	195	193	218	275
1868-69.....	3869	224	4003	346	317	356	534	411	501	380	267	299	286	309	293
1869-70.....	3023	220	3243	296	268	266	270	270	287	263	253	255	261	271	282
1870-71.....	2919	295	3214	298	281	262	309	347	256	298	245	227	232	225	221
1871-72.....	2640	359	2998	230	247	248	360	238	245	226	243	256	255	263	247
1872-73.....	3296	405	3641	297	384	290	130	329	294	301	296	323	328	361	368
1873-74.....	3548	465	4013	331	294	308	330	338	425	391	300	363	289	292	343
1874-75.....	3710	453	4163	366	337	321	379	320	333	349	310	369	373	347	359
1875-76.....	4182	609	4791	371	378	324	408	438	410	405	387	364	347	308	561
1876-77.....	5555	615	6170	507	477	548	526	542	607	641	496	511	464	444	407
1877-78.....	4450	527	4977	417	394	434	433	401	463	457	397	411	425	377	368
1878-79.....	3970	533	4493	375	344	384	395	399	438	463	370	325	339	370	321
1879-80.....	3873	467	4340	335	313	377	405	341	352	393	363	422	405	316	318
1880-81.....	3808	479	4287	343	373	346	350	380	340	370	314	351	319	349	352
1881-82.....	4481	527	5008	312	317	324	354	392	424	518	509	584	401	465	408
1882-83.....	4430	558	4988	419	420	414	400	419	462	440	399	449	385	398	385
1883-84.....	4498	502	5000	470	366	435	391	392	419	432	443	414	395	457	386

TABLE No. II.

MORTALITY IN SAN FRANCISCO FOR EIGHTEEN YEARS, ARRANGED ACCORDING
TO CLASSES.

FISCAL YEARS.	CAUSES OF DEATH.						Total.
	Zymotic Diseases.	Constitu- tional Diseases.	Local Diseases.	Develop- mental Diseases.	Violent Deaths.	Unascer- tained Causes.	
1866-67.....	534	457	1,075	307	149	.....	2,522
1867-68.....	550	491	1,058	255	136	87	2,577
1868-69.....	1,578	628	1,286	421	147	33	4,093
1869-70.....	770	617	1,278	396	142	40	3,243
1870-71.....	625	633	1,273	444	145	94	3,214
1871-72.....	521	627	1,224	330	137	159	2,998
1872-73.....	652	672	1,410	412	151	344	3,641
1873-74.....	922	728	1,428	429	187	319	4,013
1874-75.....	785	743	1,503	537	222	373	4,163
1875-76.....	980	856	856	1,691	570	492	4,791
1876-77.....	2,148	814	1,846	593	276	493	6,170
1877-78.....	1,027	876	1,811	544	273	446	4,977
1878-79.....	743	875	1,729	546	215	385	4,493
1879-80.....	555	884	1,797	563	267	274	4,340
1880-81.....	645	845	1,884	521	191	201	4,287
1881-82.....	718	957	2,410	560	238	125	5,008
1882-83.....	644	1,111	2,375	513	263	82	4,988
1883-84.....	670	1,155	2,381	528	245	21	5,000

TABLE No. III.

ESTIMATED POPULATION, DEATHS, AND DEATH RATE OF SAN FRANCISCO FOR
EIGHTEEN YEARS.

FISCAL YEARS.	Estimated Population.	Deaths.	Per Centum Per 1,000
1866-67.....	*102,313	2,522	24.65
1867-68.....	*131,100	2,577	19.65
1868-69.....	*147,950	4,068	27.66
1869-70.....	†170,250	3,243	19.04
1870-71.....	*172,750	3,214	18.60
1871-72.....	*178,276	2,998	16.81
1872-73.....	*188,323	3,641	19.33
1873-74.....	*200,770	4,013	19.98
1874-75.....	*230,132	4,163	18.09
1875-76.....	*272,345	4,791	17.59
1876-77.....	*300,000	6,170	20.56
1877-78.....	*300,000	4,977	16.59
1878-79.....	*305,000	4,492	14.75
1879-80.....	†234,520	4,340	18.50
1880-81.....	234,520	4,287	18.27
1881-82.....	234,520	5,008	21.34
1882-83.....	250,000	4,988	19.92
1883-84.....	270,000	5,000	18.47

*According to Langley's City Directory.

†U. S. Census. II. U. S. Census Returns, July 1, 1880: White population, 212,520; Chinese population, 22,000.

TABLE No. IV—CONTINUED.

DISEASES.	AGES.		SEX.		NATIVITY.			
	Total.....	Per cent.....	Male.....	Female.....	Foreign Countries.	Atlantic States.	Pacific Coast.	Unascertained.
Bronchitis.....	117	2.84	64	53	50	15	52	.....
Lungs, Congestion.....	68	1.86	41	24	38	8	34	.....
Pneumonia.....	360	7.20	240	120	178	53	123	.....
Cherry.....	4	.18	9	.....	5	3	1	.....
Other Diseases of the Respiratory System.....	96	1.92	76	30	59	17	23	.....
Gastritis.....	21	.54	15	10	24	3	7	.....
Gastro-Enteritis.....	11	.68	15	10	9	2	9	.....
Enteritis.....	20	.40	10	6	10	2	7	.....
Enteritis.....	176	3.52	97	12	99	37	134	.....
Cirrhosis of Liver.....	42	.78	34	8	32	8	2	.....
Hepatitis.....	30	.78	26	17	21	4	1	.....
Diseases of the Liver Undefined.....	13	.26	11	7	10	1	1	.....
Other Diseases of the Digestive System.....	126	2.52	86	40	78	8	4	.....
Bright's Disease.....	6	.12	13	13	12	1	1	.....
Nephritis.....	174	3.52	138	70	126	25	6	.....
Other Diseases of Urinary System.....	30	.78	38	19	37	14	3	.....
Uterine Hemorrhage.....	46	1.12	31	8	23	11	6	.....
Tumors, Ovarian and Uterine.....	10	.26	17	7	14	4	1	.....
Other Diseases of the Generative System.....	4	.08	42	9	40	3	1	.....
Diseases of the Generative System.....	6	.12	4	4	2	2	.....	.....
Diseases of Locomotory System.....	24	.50	1	5	4	3	.....	.....
Not Localized.....	49	1.10	30	25	28	9	7	.....
IV.								
Premature Birth.....	55	1.10	32	23	.....	.....	55	.....
Dentition.....	24	.48	12	12	.....	.....	24	.....

MORTUARY STATISTICS.

TABLE No. IV--CONCLUDED.

DISEASES.	AGES.		SEX.		NATIVITY.							
	Under 5 Years.	From 5 to 20 Years.	From 20 to 50 Years.	From 50 to 70 Years.	Over 70 Years.	Unascertained.	Male.....	Female.....	Foreign Countries.	Atlantic States.	Pacific Coast.	Unascertained.
Other Diseases of Children.....	44	6	16	10	8	.....	26	18	11	5	44	.....
Metropertontifis, Puerperal Fe- ver, etc.....	.....	.....	.....	.....	.....	.....	.....	22	.....	.....	6	.....
Other Diseases of Women.....	.....	.....	.....	.....	.....	.....	.....	8	.....	.....	8	.....
Atrophy, Inanition, Old Age, etc.....	188	0	10	10	113	.....	177	156	104	388	190	8
Other Diseases of Nutrition.....	7	.....	7	22	6	.....	19	23	25	10	7	.....
V.												
Violent Deaths.....	10	11	155	54	3	12	216	29	160	45	27	13
VI.												
Unascertained Causes of Death.....	2	3	11	2	.....	3	17	4	13	3	2	3
Deaths in Public Institutions.....	.....	.....	.....	.....	.....	.....	168	115	.....	.....	.....	.....
Still Births.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total.....	44	6	16	10	8	.....	26	18	11	5	44	.....
Mongolian.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Caucasian & African.	44	6	16	10	8	.....	26	18	11	5	44	.....
Per cent.....	.88	.16	.84	.90	.88	.....	4.90	.42	4.90	4.90	4.90	.....

MORTUARY STATISTICS.

NUMBER V.

REGISTERED DURING THE FISCAL YEAR ENDING JUNE 30, 1884.

SEX.	RACE.		WARDS.										Public Institutions.	Casualties.	Suicides.	Homicides.	Legal Executions.	NATIVITIES.							
			1st Ward.	2d Ward.	3d Ward.	4th Ward.	5th Ward.	6th Ward.	7th Ward.	8th Ward.	9th Ward.	10th Ward.						11th Ward.	12th Ward.	Foreign.	American States.	Pacific Coast.	Uncertain.		
3114	1886	4464	502	34	148	292	40	522	31	225	139	227	288	466	829	490	1058	130	84	30	1	2333	829	1722	56
3097	1882	4454	491	34	145	292	40	517	31	220	139	225	288	464	826	489	1058	130	84	30	1	2380	826	1720	53
17	4	10	11	...	2	...	...	5	...	5	...	2	...	2	2	1	...	...	...	...	...	13	3	2	4
399	271	638	31	1	25	40	6	44	2	23	17	30	44	69	156	81	133	...	...	...	...	197	86	372	15
740	415	924	216	15	29	51	7	189	4	75	25	48	61	95	161	95	314	...	...	...	...	744	236	166	9
1476	905	2167	201	13	70	161	27	249	23	105	76	131	146	240	383	249	521	...	...	...	...	1135	405	826	15
266	262	499	26	3	21	38	...	35	2	17	21	16	37	60	126	64	90	...	...	...	...	144	52	329	2
216	29	226	17	2	...	...	...	...	...	...	...	...	...	...	...	...	...	130	84	30	1	160	45	27	13
17	4	10	11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	13	3	2	4
344	251	566	28	1	20	32	5	39	2	23	17	28	44	60	150	78	97	...	...	...	...	154	64	368	11
13	2	12	3	...	8	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	8	4	2	1
42	18	60	...	5	...	1	4	...	...	...	...	...	...	9	6	3	22	...	...	...	...	35	18	4	3
81	103	181	2	1	6	11	1	3	1	6	2	16	8	23	31	27	49	...	...	...	...	122	50	11	1
659	312	743	214	14	23	41	6	186	3	69	23	32	53	72	130	68	265	...	...	...	...	622	186	165	8
398	295	663	27	3	24	48	7	49	7	20	23	34	48	79	124	83	147	...	...	...	...	212	120	351	10
238	99	311	26	...	4	22	5	34	6	18	12	18	19	35	60	29	75	...	...	...	...	235	74	28	...
433	217	559	85	6	19	45	12	88	5	38	25	34	49	67	114	64	91	...	...	...	...	325	96	229	...
244	206	403	46	1	14	30	...	57	1	22	5	26	21	38	56	48	132	...	...	...	...	205	54	188	3
111	41	139	10	3	6	9	1	11	3	2	7	13	6	14	13	16	50	...	...	...	...	99	36	16	1
1	18	19	...	...	1	2	1	2	...	...	1	2	1	2	4	2	2	...	...	...	...	11	7	1	...
21	4	24	1	...	1	1	...	2	...	...	1	1	2	3	1	13	...	...	...	...	10	9	6	...	
30	25	49	6	...	1	4	1	6	1	4	3	4	1	4	9	6	11	...	...	...	...	38	9	7	1
70	53	122	...	1	6	9	...	7	...	2	3	3	8	14	30	14	27	...	...	...	...	...	...	123	...
...	30	30	...	1	1	...	...	1	...	3	2	3	3	8	6	2	8	...	...	...	...	15	6	9	...
56	60	116	...	...	3	14	...	4	...	2	4	6	6	6	27	19	25	...	...	...	...	83	30	...	3
140	119	231	26	2	11	15	...	23	2	13	11	5	20	37	61	25	36	...	...	...	...	46	16	197	...
116	14	122	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	130	...	...	...	82	19	20	...
25	5	25	3	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	22	8	...	...
74	10	78	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	56	17	7	4
1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...
17	4	10	11	...	3	...	...	5	...	5	...	2	...	2	3	1	...	...	...	...	...	13	3	2	...

TABLE

CAUSES OF DEATH.	Total.	AGE.														
		Under 1.	1 to 2.	2 to 5.	5 to 10.	10 to 15.	15 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 to 90.	Over 100.	Unascertain'd.
		Phtthis Pulmonalis.....	907	3	5	5	5	9	43	228	278	180	107	36	6	1	1
Rachitis.....	2	1	1													
Tabes Mesenterica.....	10	4	3	3												
Scrofula.....	10	1	1	2					4	1		1				
CLASS III—LOCAL DISEASES.																
<i>Order 1. Nervous System.</i>																
Apoplexy.....	125	1	1	2	2	6	9	24	31	37	10	1	1			
Brain, Abscess.....	4		1		1	1	1	1								
Brain, Atrophy.....	1															
Brain, Congestion.....	43	17	5	1	1	2	7	3	3	2	1				1	
Brain Disease, undefined.....	6	1						1	2	1	1					
Brain, (Edema).....	1															
Brain, Softening.....	33				2	1	1	10	7	4	7			1		
Brain, Tumor.....	3	1	1					1								
Chorea.....	1					1										
Convulsions.....	4			1		1	2									
Convulsions, Infantile.....	184	148	18	13	4										1	
Dementia.....	4															
Encephalitis.....	151	53	30	22	11	2	10	2	1	3	2	1	1			
Epilepsy.....	19	5	1			1	1	2	4	2	1	1				
Exhaustion.....	5	1						4								
Myelitis.....	9		1				1	3	2	1	1					
Paralysis.....	85	1	1	2	1		8	10	13	20	10	2	1			
Spinal Disease, undefined.....	2			1	1		1	1	1	1						
Surgical Shock.....	5					1	1	1	1	1						
Tetanus.....	8	1		1		2	3	1								
<i>Order 2. Circulatory System.</i>																
Angina Pectoris.....	9						3		4		1	1				
Aneurism.....	3						1		2							
Aneurism of Aorta.....	25							6	10	6	3					
Endocarditis.....	9						3	1	3	1						
Embolism.....	10					1	1	1	3	3						
Hæmorrhage, Secondary.....	2							1	1							
Heart Disease, undefined.....	125			2	2	4	12	13	33	18	24	15	2			
Heart, Fatty Degeneration.....	7							1	2	3	1					
Heart, Hypertrophy.....	13							2	3	3	2					
Heart, Valvular Disease of.....	106			1	1	5	10	20	31	23	13	2				
Heart, Dilatation.....	4			1		1										
Heart, Paralysis.....	1								1							
Leucocythæmia.....	3						1		1	1						
Lymphadenitis.....	1								1							
Pericarditis.....	13						4	4	3	2						
Phlebitis.....	4	2						1		1						
Spleen, Abscess.....	1							1								
Spleen, Hypertrophy.....	1							1								
<i>Order 3. Respiratory System.</i>																
Abscess Pulmonary.....	7			1			2	1	2		1					
Asphyxia.....	10	9														
Asthma.....	18	1	10					1	8	3	2	2				
Bronchitis.....	117	39	10	3	1		2	4	5	11	10	12	14	6		
Empyæma.....	6								1	3	1	1				
Empyæma.....	3								1	1	1					
Hæmoptysis.....	41	1		1			8	16	7	3	3	2				
Laryngitis.....	6	2	3	2	1		1	1	1	1						
Lungs, Congestion.....	68	12	3	3	3	1	3	8	10	9	5	8	3			
Lungs, Gangrene.....	1								1							
Lungs, (Edema).....	3								1							
Pharyngitis.....	1		1													
Pleurisy.....	9					1	2	2	1	1	2					

TABLE

CAUSES OF DEATH.	Total	AGE.															
		Under 1.....	1 to 4.....	5 to 9.....	10 to 14.....	15 to 20.....	20 to 30.....	30 to 40.....	40 to 50.....	50 to 60.....	60 to 70.....	70 to 80.....	80 to 90.....	90 to 100.....	Unascertain'd		
Leg, Fracture.....	6						1			2	1	1	1				
Leg, Gangrene.....	1										1						
Leg, Ulcer.....	1																
Spine, Caries.....	1				1												
Vertebrae, Fracture of.....	2							1	1								
<i>Order 8. Not Localized.</i>																	
Abscess.....	3						1	1			1						
Anthrax.....	3									1	1	1					
Dropsy.....	45	1		2	1	1		1	5	9	12	6	6	1			
Gangrene.....	3	1		1								1					
Impetigo.....	1	1															
CLASS IV—DEVELOPMENTAL DISEASES.																	
<i>Order 1. Children.</i>																	
Birth, Premature.....	55	55															
Birth, Preternatural.....	6	6															
Cyanosis.....	20	20															
Dentition.....	24	16	6	2													
Icterus Neonatorum.....	10	9		1													
Ophthalmia Neonatorum.....	1	1															
Trismus Nascentium.....	3	3															
Umbilical Cord Compression.....	1	1															
Umbilical Hemorrhage.....	2	2															
Umbilical Rupture.....	1	1															
<i>Order 2. Women.</i>																	
Child Birth.....	6						4	2									
Convulsions Puerperal.....	5						3	1	1								
Fever Puerperal, etc.....	17						3	9	5								
Hemorrhage, Post Partem.....	1							1									
Mastitis.....	1							1									
<i>Order 3. Old Age.</i>	116								1	6	54	39	13	3			
<i>Order 4. Nutrition.</i>																	
Atrophy Inanition Marasmus.....	217	178	8	2	4	2		4	4	2	3	6	3	1			
Asthemia and Debility.....	42	7						2	3	2	11	11	5	1			
CLASS V—VIOLENT DEATHS.																	
<i>Order 1. Casualties.</i>	130	2	4	4	5	2	1	22	23	27	21	11	1		7		
<i>Order 2. Homicides.</i>	30							3	2	10	9	4	2				
<i>Order 3. Suicides.</i>	84							19	25	17	10	6	1	1	5		
<i>Order 4. Legal Execution.</i>	1								1								
CLASS VI—UNCLASSIFIED.																	
<i>Order 1. Unascertained.</i>	21	2			1		2	3	6	2		2			3		
Totals	5000	386	195	180	118	48	149	587	726	715	566	409	211	70	17	3	20

MORTUARY STATISTICS.

No. V—CONCLUDED.

SEX.	RACE.		WARDS.												Public Institutions.	Casualties.	Homicides.	Suicides.	Legal Executions.	NATIVITIES.					
	Males.	Females.	Caucasian	Mongolian.	African.	1st Ward.	2d Ward.	3d Ward.	4th Ward.	5th Ward.	6th Ward.	7th Ward.	8th Ward.	9th Ward.						10th Ward.	11th Ward.	12th Ward.	Foreign	Asian & States	Pacific Coast.	Uncertain'd
4	2	5	1																4	2					
1	1	1																	1	1					
1	1	1																	1	1					
2	2	2																	2	2					
	3	3																	3	3					
1	2	3											1	1					1	7	5	1			
27	18	39	6				1	1	6	1	4	3	3	1	4	7	5		32	1	1				
1	2	3																	1	1					
1	1	1																	1	1					
	6	6			1								1	1	1	2			2	1	3				
	5	5											1	1	1	2			2	3	3				
	17	17				1			1				1	1	3	1	5	3	9	5	3				
	1	1														1			1	1					
	1	1															1		1	1					
56	60	116			3	14		4		2	4	6	6	6	27	19	25		83	30		3			
121	96	190	26	1	11	8		20	1	10	9	3	17	34	52	19	33		21	6	190				
19	23	41		1	7			3	1	3	2	2	3	3	9	6	3		25	10	7				
116	14	122	8															130		82	19	20	9		
25	5	25	3	2															30	22	8				
74	10	78	6																84	56	17	7	4		
1		1																		1	1				
17	4	10	11		3			5		5		2		2	3	1				13	3	2	3		
3114	1886	4464	502	34	148	292	40	522	31	225	139	227	288	466	829	490	1058	130	84	30	1	3393	829	1722	56

FIRST APPENDIX TO TABLE No. V.

MORTALITY BY CLASSES AND ORDERS IN THE DIFFERENT MONTHS.

DISEASES.	Total.....	1883.						1884.					
		July.....	August.....	September.....	October.....	November.....	December.....	January.....	February.....	March.....	April.....	May.....	June.....
All causes.....	5000	470	366	435	391	392	419	432	443	414	395	457	386
Special causes.....	4979	469	366	433	391	390	416	431	441	414	388	454	386
Unascertained causes.....	21	1	.....	2	.....	2	3	1	2	.....	7	3	.....
CLASSES.													
I. Zymotic diseases.....	670	85	61	65	54	55	37	41	54	57	39	74	48
II. Constitutional diseases.....	1155	97	84	96	84	93	104	114	118	105	92	92	76
III. Local diseases.....	2381	208	167	207	190	182	213	212	218	180	189	212	202
IV. Developmental diseases.....	528	56	42	42	45	45	40	43	32	56	39	47	42
V. Violent deaths.....	245	23	12	23	18	15	22	21	19	16	29	29	18
VI. Unascertained causes.....	21	1	.....	2	.....	2	3	1	2	.....	7	3	.....
ORDERS.—I.													
1. Miasmatic diseases.....	595	78	56	54	52	49	37	34	47	52	31	65	40
2. Ethetic diseases.....	15	2	1	2	.....	2	.....	1	1	.....	4	1	1
3. Dietic diseases.....	60	5	4	9	2	4	.....	6	6	5	4	8	7
II.													
1. Diabetic diseases.....	184	13	16	23	12	10	13	19	16	13	20	11	18
2. Tubercular diseases.....	971	84	68	73	72	83	91	95	102	92	72	81	58
III.—DISEASES OF—													
1. The Nervous system.....	692	63	44	73	56	49	44	61	64	48	58	68	65
2. The Circulatory system.....	337	35	20	32	21	24	26	22	29	27	34	34	33
3. The Respiratory system.....	650	35	42	49	55	52	77	72	69	59	44	58	38
4. The Digestive system.....	450	54	48	38	36	32	44	23	37	29	35	30	44
5. The Urinary system.....	152	12	8	9	12	13	12	17	15	13	11	13	17
6. The Generative system.....	19	.....	1	.....	5	2	3	1	1	1	1	2	2
7. The Locomotory system.....	25	3	1	1	4	2	5	4	2	.....	3	.....	.....
8. Not localized.....	55	6	3	5	6	5	3	10	1	3	6	4	3
IV.													
1. Diseases of children.....	123	7	13	5	13	9	8	13	5	15	11	15	9
2. Diseases of women.....	30	3	1	2	2	4	3	2	2	4	3	4	1
3. Diseases of old age.....	116	11	8	6	11	12	13	9	11	11	10	9	5
4. Diseases of nutrition.....	259	35	20	29	19	20	16	19	14	26	15	19	27
V.													
1. Accident or Negligence.....	130	18	9	15	11	5	11	9	8	6	15	20	3
2. Homicides.....	30	3	1	4	1	2	4	2	2	4	1	1	5
3. Suicides.....	84	2	2	4	6	8	7	9	9	6	13	8	10
4. Legal Execution.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
VI.													
Unascertained.....	21	1	.....	2	.....	2	3	1	2	.....	7	3	.....

MORTUARY STATISTICS.

27

SECOND APPENDIX TO TABLE No. V.

MORTALITY BY CLASSES AND ORDERS IN THE DIFFERENT MONTHS, EXCLUSIVE OF MONGOLIANS.

DISEASES.	Total	1883.						1884.					
		July	August	September	October	November	December	January	February	March	April	May	June
All causes.....	4498	431	329	393	347	344	379	400	400	380	350	347	398
Specified causes.....	4488	431	329	391	347	343	378	399	398	380	347	347	398
Unascertained causes.....	10			2		1	1	1	2		3		
CLASSES.													
I. Zymotic diseases.....	639	82	59	65	49	51	36	41	54	55	88	43	66
II. Constitutional diseases.....	939	75	63	76	65	72	81	100	89	89	75	72	82
III. Local diseases.....	2180	198	158	188	174	157	203	197	207	169	170	176	178
IV. Developmental diseases.....	502	55	39	39	41	45	39	43	31	52	36	39	45
V. Violent deaths.....	228	21	11	23	18	14	19	18	17	15	28	17	27
VI. Unascertained causes.....	10			2		1	1	1	2		3		
ORDERS.—I.													
1. Miasmatic diseases.....	567	75	54	54	47	47	36	34	47	50	31	35	57
2. Enthetic diseases.....	12	2	1	2				1	1		3	1	1
3. Dietic diseases.....	60	5	4	9	2	4		6	6	5	4	7	8
II.													
1. Diathetic diseases.....	182	13	16	23	12	10	13	19	15	13	19	18	11
2. Tubercular diseases.....	757	62	47	53	53	62	68	81	74	76	56	54	71
III.—DISEASES OF—													
1. The Nervous system.....	666	60	44	70	56	47	44	61	62	47	55	61	59
2. The Circulatory system.....	311	35	17	28	16	22	26	20	28	24	33	32	30
3. The Respiratory system.....	565	30	41	38	52	43	69	63	66	53	35	28	47
4. The Digestive system.....	404	52	43	37	35	26	42	21	33	28	30	36	24
5. The Urinary system.....	142	12	8	9	9	13	12	16	14	13	11	14	11
6. The Generative system.....	19		1			5	2	3	1	1	1	2	2
7. The Locomotor system.....	24	3	1	1	4	2	5	4	2				2
8. Not localized.....	49	6	3	5	5	3	3	9	1	3	5	3	3
IV.													
1. Diseases of children.....	123	7	13	5	13	9	8	13	5	15	11	9	15
2. Diseases of women.....	30	3	1	2	2	4	3	2	2	4	3	1	4
3. Diseases of old age.....	116	11	8	6	11	12	13	9	11	11	10	5	9
4. Diseases of nutrition.....	233	34	16	26	15	20	15	19	13	22	12	24	17
V.													
1. Accident or Negligence.....	122	18	9	15	11	5	10	7	7	5	14	3	18
2. Homicides.....	27	2	1	4	1	3	3	2	2	4	1	4	1
3. Suicides.....	78	1	1	4	6	7	6	8	8	6	13	10	8
4. Legal Execution.....	1							1					
VI.													
Unascertained.....	10			2		1	1	1	2		3		

TABLE

TOTAL MORTALITY OF CHINESE DURING

CAUSES OF DEATH.	Total.	AGES.												
		Under 1	1 to 2	2 to 5	5 to 10	10 to 15	15 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	Unascertained
All causes.....	502	29	4	7	11	1	16	96	199	103	25	8	1	2
Specified causes.....	491	29	4	7	10	1	14	93	195	103	25	8	1	1
Unascertained causes.....	11				1		2	3	4					1
CLASSES.														
I. Zymotic diseases.....	31	2		1	3			2	14	5	2	2		
II. Constitutional diseases.....	216	2	1		3		6	50	96	44	10	4		
III. Local diseases.....	201	9	2	6	2		7	33	76	50	18	2	1	
IV. Developmental diseases.....	26	14	1		2	1		3	3	2	2			
V. Violent deaths.....	17	2					1	5	6	2				1
VI. Unascertained causes.....	11				1		2	3	4					1
I.														
Cholera infantum.....	1				1									
Cholera morbus.....	1				1							1		
Dysentery.....	4							1	1	1				
Diarrhoea.....	7	2						1	4					
Fever, typhoid.....	3								2	1				
Fever, typho-malarial.....	7				1				4	2				
Pertussis.....	1			1										
Pyæmia.....	2										1	1		
Septicæmia.....	1									1				
Syphilis.....	3								3					
II.														
Cancer.....	1										1			
Necrosis of jaw.....	1									1				
Scrofula.....	6	1			1				3	1				
Tabes mesenterica.....	2	1	1											
Leprosy.....	1							1						
Phthisis pulmonalis.....	205				2		6	49	93	42	9	4		
III.														
Asthma.....	2						1			1				
Apoplexy.....	6								1	4		1		
Bronchitis.....	9							2	1	4	2			
Brain, congestion.....	4								1	3				
Epilepsy.....	2										2			
Brain, softening.....	1										1			
Cystitis.....	5								4	1				
Convulsions, infantile.....	9	5	1	3										
Dropsy.....	6							1	3	2				
Encephalitis, meningitis, etc.....	3	1			1					1				
Enteritis.....	13	2						1	7	1	2			
Fracture of leg.....	1										1			
Gastritis.....	11							3	4	3	1			
Diabetis.....	1						1							

MORTUARY STATISTICS.

No. VI.

THE FISCAL YEAR ENDING JUNE 30, 1881.

SEX.	RACE—Mongolian.	CITY WARDS.												Public Institutions	Casualties	Suicides	Homicides	NATIVITIES—Foreign Countries.	Pacific Coast.	
		1	2	3	4	5	6	7	8	9	10	11	12							
448	54	502	4	2	1	325	1	140	1	1	.....	2	.....	1	7	8	6	3	459	43
438	53	491	4	2	1	320	.....	135	1	1	.....	2	.....	1	7	8	6	3	448	43
10	1	11	.....	.....	.....	5	.....	5	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	11	.....
27	4	31	.....	.....	.....	20	.....	9	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	26	5
197	19	216	2	1	.....	145	.....	65	1	.....	.....	1	.....	1	.....	.....	.....	.....	213	3
181	20	201	.....	.....	1	138	1	55	.....	1	.....	1	.....	4	.....	.....	.....	.....	283	18
20	6	26	2	1	.....	17	.....	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11	15
13	4	17	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8	6	3	.....	15	2
10	1	11	.....	.....	.....	5	.....	5	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	11	.....
1	.....	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....
2	.....	2	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1
4	.....	4	.....	.....	.....	3	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	.....
5	2	7	.....	.....	.....	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	2
3	.....	3	.....	.....	.....	1	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	.....
7	.....	7	.....	.....	.....	3	.....	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6	1
.....	1	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
2	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....
1	.....	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....
2	1	3	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	3	.....
1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	1	.....
.....	1	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....
5	1	6	.....	.....	.....	4	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	1
1	1	2	.....	.....	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
1	.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....
189	16	205	2	1	.....	139	.....	61	1	.....	.....	1	.....	.....	.....	.....	.....	.....	205	.....
2	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
5	1	6	.....	.....	.....	5	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6	.....
9	.....	9	.....	.....	.....	.....	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9	.....
4	.....	4	.....	.....	.....	3	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	4	.....
2	.....	2	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	2	.....
1	.....	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....
5	.....	5	.....	.....	.....	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	.....
4	5	9	.....	.....	.....	5	.....	3	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	1	8
5	1	6	.....	.....	.....	4	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6	.....
2	1	3	.....	.....	.....	2	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	2
12	1	13	.....	.....	.....	10	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11	2
1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....
11	.....	11	.....	.....	.....	8	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11	.....
1	.....	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....

APPENDIX TO TABLE No. VI—CHINESE.

MORTALITY OF CHINESE BY CLASSES IN THE DIFFERENT MONTHS.

CAUSES OF DEATH.	Total.....	1883.						1884.					
		July.....	August.....	September.....	October.....	November.....	December.....	January.....	February.....	March.....	April.....	May.....	June.....
All causes.....	502	39	37	42	44	48	40	32	43	34	45	50	39
Specified causes.....	491	38	37	42	44	47	38	32	43	34	41	56	38
Unascertained causes.....	11	1				1	2				4	3	
CLASSES.													
I. Zymotic diseases.....	31	3	2		5	4	1			2	1	8	5
II. Constitutional diseases.....	215	22	21	20	19	20	23	14	29	16	17	10	4
III. Local diseases.....	202	10	9	19	16	22	10	15	11	11	19	34	26
IV. Developmental diseases.....	28	1	4	3	4		1		1	4	3	2	3
V. Violent deaths.....	17	2	1			1	3	3	2	1	1	2	1
VI. Unascertained causes.....	11	1				1	2				4	3	
Totals.....	502	39	37	42	44	48	40	32	43	34	45	50	39

MORTUARY STATISTICS.

33

TABLE No. VII.

MORTALITY IN SAN FRANCISCO FOR EIGHTEEN YEARS, ARRANGED ACCORDING TO CLASSES (MONGOLIANS).

FISCAL YEARS.	CAUSES OF DEATH.						Total
	Zymotic Dise'ses.	C'nstitu- tional Dise'ses.	Local Dise'ses.	Develop- mental Dise'ses.	Violent Deaths.	Unascertained Causes.	
1866-67.....	31	9	58	60	6		163
1867-68.....	28	13	35	10		81	167
1868-69.....	60	60	42	44	12	6	224
1869-70.....	25	77	62	21	8	27	220
1870-71.....	45	96	71	21	11	51	295
1871-72.....	48	122	46	18	16	109	359
1872-73.....	25	71	17	2	12	278	405
1873-74.....	20	99	19	12	12	308	465
1874-75.....	6	48	11	9	16	363	453
1875-76.....	28	67	18	11	22	498	609
1876-77.....	81	35	7	13	41	438	615
1877-78.....	7	39	20	23	31	407	527
1878-79.....	3	120	16	17	21	346	523
1879-80.....	10	122	54	22	35	224	467
1880-81.....	18	140	33	13	15	230	479
1881-82.....	26	149	207	27	23	95	527
1882-83.....	31	195	227	20	21	64	556
1883-84.....	31	216	201	26	17	11	502

TABLE No. VIII.

ESTIMATED POPULATION, DEATHS, AND DEATH RATE OF SAN FRANCISCO FOR
EIGHTEEN YEARS (MONGOLIAN).

FISCAL YEARS.	ESTIMATED POPULAT'N.	DEATHS.	PER CENT. PER 1,000.
1866-67.....	4,000	163	41.73
1867-68.....	4,000*	167	41.75
1868-69.....	4,000*	224	56.00
1869-70.....	8,600†	220	25.58
1870-71.....	9,000*	295	32.77
1871-72.....	10,000*	359	35.90
1872-73.....	12,000*	405	33.75
1873-74.....	14,500*	465	32.06
1874-75.....	19,000*	453	23.84
1875-76.....	30,000*	609	20.30
1876-77.....	30,000*	615	20.50
1877-78.....	30,000*	527	17.56
1878-79.....	30,000*	523	17.42
1879-80.....	22,000†	467	21.02
1880-81.....	22,000†	479	21.77
1881-82.....	22,000	527	23.09
1882-83.....	22,000	558	25.36
1883-84.....	22,000	502	22.81

* According to Langley's City Directory.

† United States census returns.

TABLE No. IX.

SEX, RACE, AND NATIONALITY OF DECEDENTS.

SEX, RACE, AND NATIVITY	White & African	Chinese	Totals	1883.					1884.						
				July	August	September	October	November	December	January	February	March	April	May	June
<i>Sex.</i>															
Male.....	2666	448	3114	287	232	265	235	248	206	259	280	248	256	302	235
Female.....	1832	54	1886	183	134	170	156	144	153	173	163	166	139	154	151
<i>Race.</i>															
Caucasian.....	4464	4464	426	328	391	346	339	378	395	400	376	347	392	345	345
Mongolian.....	502	502	89	37	42	44	48	40	32	43	34	45	59	89	89
African.....	34	34	5	1	2	1	5	1	5	.....	4	3	5	2	
<i>Nativities.</i>															
Foreign.....	1934	459	2393	196	169	195	193	212	219	189	222	183	199	218	197
Atlantic States.....	829	829	70	52	80	57	53	71	85	67	81	73	86	54	54
Pacific Coast.....	1679	43	1722	189	140	151	132	123	126	150	150	150	118	149	134
Unascertained.....	56	56	5	5	9	9	4	3	8	4	.....	5	3	1	
Totals.....	4498	502	5000	470	366	435	391	392	419	432	443	414	395	456	386

TABLE No. X.

AGES OF DECEDENTS IN THE DIFFERENT MONTHS.

AGES.	White & African.	Mongolian.	Totals.	1883.						1884.					
				July	August	September	October	November	December	January	February	March	April	May	June
				Under 1 year of age	957	29	986	130	91	88	69	67	73	83	86	75	60	87	77
From 1 to 2 years...	191	4	195	21	16	15	16	13	15	21	18	12	10	22	16
From 2 to 5 years...	173	7	180	13	13	16	19	13	13	15	16	16	20	18	8
From 5 to 10 years...	107	11	118	11	6	16	12	6	5	10	11	13	6	12	10
From 10 to 15 years...	47	1	48	6	6	6	3	2	3	6	4	3	2	2	5
From 15 to 20 years...	133	16	149	14	12	9	12	16	14	10	12	16	14	8	12
From 20 to 30 years...	491	96	587	54	38	48	42	49	48	51	47	47	57	55	50
From 30 to 40 years...	527	199	726	48	41	63	58	66	59	65	73	65	61	75	52
From 40 to 50 years...	612	103	715	46	53	66	63	57	61	54	58	68	54	69	66
From 50 to 60 years...	541	25	566	56	40	52	36	43	52	51	49	51	48	47	41
From 60 to 70 years...	401	8	409	42	28	37	34	35	46	34	35	22	32	37	37
From 70 to 80 years...	210	1	211	17	16	14	23	13	19	20	20	21	18	13	17
From 80 to 90 years...	70		70	9	2	2	2	6	7	9	10	3	7	7	5
From 90 to 100 years...	17		17	2	4			3	2			1	3	2	
Over 100 years.....	3		3						3				1	3	
Unascertained.....	18	2	20	1		3	2	3		3	4		2	2	
Totals.....	4498	502	5000	470	366	435	391	392	419	432	443	414	395	456	386

TABLE No. XI.

LOCALITIES OF MORTALITY FOR EACH MONTH.

LOCALITIES.	White & African.	Chinese.	Totals.	1883.						1884.					
				July.	August.	September.	October.	November.	December.	January.	February.	March.	April.	May.	June.
First Ward.....	144	4	148	14	11	11	17	15	8	8	18	16	8	13	9
Second Ward.....	290	2	292	27	25	19	18	20	23	23	21	34	22	25	26
Third Ward.....	39	1	40	3	2	3	2	6	2	6	2	1	6	6	1
Fourth Ward.....	197	325	522	44	30	46	47	51	42	34	47	38	48	50	45
Fifth Ward.....	30	1	31	3	3	3	2	2	1	5	4	2	2	4	.....
Sixth Ward.....	185	140	225	17	20	23	18	21	14	15	16	19	19	31	12
Seventh Ward.....	138	1	139	10	13	12	9	11	11	11	10	17	16	8	11
Eighth Ward.....	226	1	227	21	8	24	16	14	26	28	17	22	20	13	18
Ninth Ward.....	288	.....	288	30	23	21	22	26	37	32	16	17	21	24	19
Tenth Ward.....	464	2	466	47	41	54	31	25	40	39	40	37	40	44	28
Eleventh Ward.....	829	.....	829	94	59	68	66	58	70	89	74	64	50	66	71
Twelfth Ward.....	489	1	490	39	38	50	32	36	42	36	56	50	30	41	40
Public Institutions	1051	7	1058	98	81	78	93	83	81	85	103	81	84	103	88
Casualties.....	122	8	130	18	9	15	11	5	11	9	8	6	15	20	3
Suicides.....	73	6	84	2	2	4	6	8	7	9	9	6	13	8	10
Homicides.....	27	3	30	3	1	4	1	2	4	2	2	4	1	1	5
Legal execution.....	1	.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
Totals.....	4498	502	5000	470	366	435	391	392	419	432	443	414	395	457	386

TABLE No. XII.

MONTHLY DISTRIBUTION OF MORTALITY.

WARDS, PUBLIC INSTITU- AND VIOLENT DEATHS.	Total	1883.						1884.					
		July	August	September	October	November	December	January	February	March	April	May	June
City Wards.....	3697	349	272	334	280	294	316	326	321	317	282	325	280
City and Co. Alms House...	85	6	7	6	9	8	4	6	7	9	9	8	6
City and County Hospital...	402	27	29	30	38	29	41	34	41	22	32	41	38
City Receiving Hospital...	23	2	3	2	1	1	1	4	3	2	2	2	2
C. S. Woman's Hospital.....	1	1	1	1	1	1	1	1	1	1	1	1	1
French Hospital.....	63	10	7	2	7	3	7	4	4	1	5	5	8
Foundling Asylum.....	3	1	1	1	1	1	1	1	1	1	1	1	1
German Hospital.....	70	7	3	3	3	8	3	8	10	10	5	7	3
Homeopathic Hospital.....	5	1	1	1	1	1	2	1	2	2	1	1	1
Home of Inebriates.....	3	1	1	1	1	1	1	1	1	1	1	1	1
Ladies P. and R. Society....	1	1	1	1	1	1	1	1	1	1	1	1	1
Magdalen Asylum.....	3	1	1	1	1	1	1	1	1	1	1	1	1
Orphan Asylum, Catholic...	4	1	1	1	1	1	1	1	1	1	1	1	2
Orphan Asylum, Protestant	1	1	1	1	1	1	1	1	1	1	1	1	1
Old Ladies' Home.....	4	1	1	1	1	1	1	1	1	1	1	1	1
Old People's Home.....	1	1	1	1	1	1	1	1	1	1	1	1	1
S. F. Female Hospital.....	1	1	1	1	1	1	1	1	1	1	1	1	1
S. F. Lyng-In & F'dling Asy.	65	11	3	5	7	10	4	3	7	9	4	2	1
St. Joseph Infant Asylum...	168	17	17	16	10	10	9	15	18	11	13	22	10
St. Mary's Hospital.....	116	14	8	9	13	9	9	7	8	12	8	8	11
U. S. Marine Hospital.....	34	3	2	2	2	4	2	2	3	1	4	4	5
Twenty-sixth St. Hospital	2	1	1	1	1	1	1	1	1	1	1	1	1
Pacific Dispensary Hospital	4	2	1	1	1	1	1	1	1	1	1	1	1
Casualties.....	130	18	9	15	11	5	11	9	8	6	15	20	3
Homicides.....	30	3	1	4	1	2	4	2	2	4	1	1	5
Suicides.....	84	2	2	4	6	8	7	9	1	6	13	8	10
Legal Execution.....	1	1	1	1	1	1	1	1	1	1	1	1	1
Totals.....	5000	470	366	435	391	392	419	432	443	414	395	457	386

TABLE No. XIII.

MONTHLY DISTRIBUTION OF MORTALITY FROM ZYMOTIC DISEASES.

CAUSES OF DEATH.	White & African.	Chinese.....	Totals.....	1883.						1884.					
				July.....	August.....	September.....	October.....	November.....	December.....	January.....	February.....	March.....	April.....	May.....	June.....
Alcoholism.....	51		51	4	2	8	2	3		6	6	4	4	6	6
Anæmia.....	6		6	1	2	1								1	
Cholera infantum..	90	1	91	28	12	14	8	3	3	1	4		1	10	8
Cholera morbus....	6	2	8	3	1	1		1							
Cerebro-spinal me- ningitis.....	22		22	1	2	2	4		1		2	4	2	2	1
Croup.....	24		24	1	1	1	3	1	3		3	3	3	5	3
Diarrhœa.....	37	7	44	11	5	7	5	2	1		3	3	1	7	3
Diphtheria.....	51		51	7	6	3	6	5	1	4	5	6	1	5	1
Dysentery.....	15	4	19	5	1		2	1		1	1	1		6	1
Erysipelas.....	18		18	3		2	1			3	1	6	1	1	
Fever, intermittent	3		3						1					2	
Fever, remittent..	5	1	4								2			3	3
Fever, malarial....	10	6	16				5	2	1			2	1	2	3
Fever, typhoid.....	177	3	180	15	20	15	11	28	17	20	11	14	10	9	10
Fever, typhus.....	1		1											1	
Fever, yellow.....	3		3				2	1							
Measles.....	5		5											5	2
Pertussis.....	45	1	46	2		1	2	3	7	2	11	9	5	5	1
Pur. Hemorrhagica	2		2					1	1					1	
Pyæmia.....	34	2	36	2	3	4	3	1	3		3	3	3	4	7
Septicæmia.....	10	1	11		2	2	2	1		1	1	1	2	2	1
Scarlatina.....	13		13		2	2	1	1		2	1	3	1		
Small pox.....															
Syphilis.....	12	3	15	2	1	2		2		1	1		4	1	1
Lead poisoning....	1		1												1
Totals.....	639	31	670	85	61	65	54	55	37	41	54	57	39	74	48

HEALTH OFFICER'S REPORT.

TABLE No. XIV.

STATEMENT OF MARRIAGES, BIRTHS AND MORTALITY FOR FISCAL YEARS
1882-3 AND 1883-4.

MONTHS.	Marrriages.	Births Registered.	Deaths Registered.	MONTHS.	Marrriages.	Births Registered.	Deaths Registered.
1882—July.....	205	122	419	1883—July.....	248	242	470
August.....	217	150	420	August.....	216	147	368
September..	227	100	414	September..	226	118	485
October.....	224	148	400	October.....	245	183	361
November..	241	127	419	November..	256	182	392
December..	232	138	462	December..	254	222	419
1883—January.....	254	162	440	1884—January.....	216	126	432
February....	186	101	399	February....	324	109	443
March.....	208	150	449	March.....	188	130	414
April.....	206	45	385	April.....	219	108	395
May.....	221	100	396	May.....	211	108	457
June.....	225	149	385	June.....	258	168	386
Totals.....	2,686	1,667	4,988	Totals.....	2,759	1,791	5,000

TABLE No. XV.

BIRTHS, MARRIAGES, DEATHS AND POPULATION FOR THE LAST EIGHTEEN
YEARS.

YEARS.	Births Registered.	Marrriages Registered.	Deaths Registered.	Population.
1866-67.....		1,538	2,522	102,313
1867-68.....		1,806	2,577	131,100
1868-69.....		2,158	4,068	147,950
1869-70.....	378	2,121	3,243	170,250
1870-71.....	403	1,957	3,214	172,750
1871-72.....	511	1,880	2,998	178,276
1872-73.....	529	2,005	3,641	188,328
1873-74.....	580	2,082	4,013	200,770
1874-75.....	563	2,263	4,168	230,132
1875-76.....	630	2,464	4,791	272,345
1876-77.....	811	2,498	6,170	300,000
1877-78.....	1,066	2,355	4,977	300,000
1878-79.....	1,504	2,240	4,498	305,000
1879-80.....	1,340	2,183	4,340	288,700
1880-81.....	1,289	2,392	4,287	284,520
1881-82.....	2,227	2,605	5,008	284,520
1882-83.....	1,667	2,688	4,988	295,000
1883-84.....	1,791	2,759	5,000	270,000

TABLE No. XVI.

INTERMENT, DISINTERMENT AND REMOVAL PERMITS ISSUED DURING THE FISCAL YEAR 1883-84.

INTERMENTS.	TOTAL.	1883.						1884.					
		JULY.	AUGUST.	SEPTEMBER.	OCTOBER.	NOVEMBER.	DECEMBER.	JANUARY.	FEBRUARY.	MARCH.	APRIL.	MAY.	JUNE.
In Calvary.....	2026	182	137	180	154	158	192	202	182	168	135	170	166
In City and Salem.....	1054	88	73	88	103	91	79	89	87	72	98	110	76
In Gibboth Olam.....	71	8	4	11	6	8	4	4	5	5	3	7	6
In Home of Peace.....	83	10	8	8	3	8	10	8	5	5	6	5	7
In I. O. O. F. and Greek.....	964	102	75	72	64	80	87	79	88	84	71	84	78
In Laurel Hill.....	577	50	36	67	43	39	48	66	46	45	47	48	42
In Masonic.....	471	42	39	35	37	35	45	44	41	44	45	39	25
In Mission Dolores.....	33	1	4	1		6	3	5	3	3	4	2	3
In Presidio Reservation.....	33	3	3	3	3	3	3	2	1	1	4	3	4
R. A. P.....	90	10	12	4	7	2	4	2	22	8	9	10	10
Outside of County.....	288	23	27	35	21	29	18	18	25	20	23	24	20
Private.....	2	1							1				
Total.....	5692	526	404	507	442	453	496	517	507	456	445	502	473
Removals.....	256	26	19	30	18	23	18	18	22	20	21	22	19
Disinterments.....	759	16	19	71	234	200	91	73	15	7	14	10	9
From other places.....	390	35	28	45	45	31	31	30	37	22	32	26	28
Removals in transit.....	14	1	2	2	1	2	2	1		1	1	1	

TABLE No. XVII.

NUMBER OF BIRTHS DURING THE YEAR ENDING MAY 31, 1884, AS REPORTED BY CHIEF OENUS MARSHAL, BY WARDS, ETC.

	BOYS.	GIRLS.	TOTAL.
First Ward.....	22	34	56
Second Ward.....	184	125	259
Third Ward.....	6	1	7
Fourth Ward.....	80	67	147
Fifth Ward.....	1		1
Sixth Ward.....	29	14	43
Seventh Ward.....	24	25	49
Eighth Ward.....	24	27	51
Ninth Ward.....	111	65	176
Tenth Ward.....	207	193	400
Eleventh Ward.....	461	431	892
Twelfth Ward.....	286	198	484
Total.....	1,365	1,180	2,545

HEALTH OFFICER'S REPORT.

TABLE

REPORT OF DEATHS REGISTERED IN SAN

MONTHS.	Total.	AGES.													SEX.				
		Under 1.	1 to 2.	2 to 5.	5 to 10.	10 to 15.	15 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 to 90.	90 to 100.	Over 100.	Unascertained.	Male.	Female.
		January.....	440	81	8	16	12	11	15	56	77	60	55	29	15	2	2	1	288	152
February.....	399	56	15	15	8	6	12	58	64	63	44	35	17	4	1	1	200	139	
March.....	449	72	15	12	7	6	13	53	59	81	63	43	18	6	.....	1	294	155
April.....	385	47	17	17	10	4	9	51	61	71	50	30	11	7	.....	.....	256	129
May.....	396	73	12	12	9	4	15	49	71	53	38	36	18	3	2	1	238	158	
June.....	385	87	14	18	11	4	17	39	61	57	31	29	7	5	1	4	248	137	
July.....	470	130	21	13	11	6	14	54	48	46	56	42	17	9	2	1	287	183	
August.....	366	91	16	13	6	6	12	38	41	53	40	28	16	2	4	.....	232	134
September.....	435	88	15	16	16	6	9	43	63	66	52	37	14	2	.....	3	265	170
October.....	391	69	16	19	12	3	12	42	58	63	36	34	23	2	.....	2	235	156
November.....	392	67	13	13	6	2	16	49	66	57	43	35	13	6	3	3	248	144	
December.....	419	73	15	13	5	3	14	48	59	61	52	46	19	7	2	2	266	153	
Totals.....	4927	934	177	177	113	61	158	585	728	731	560	424	188	55	17	2	3117	1810	

MORTUARY STATISTICS.

No. XVIII.

FRANCISCO DURING CALENDAR YEAR 1883.

RACE.		CITY WARDS.												Public Institutions	Casualties	Suicides	Homicides	NATIVITIES.				
Chinese	Mongolian	1	2	3	4	5	6	7	8	9	10	11	12				Foreign	Atlantic States	Pacific Coast	Unascertained		
380	54	6	18	20	1	45	4	35	15	15	19	50	51	45	100	14	5	5	234	67	137	2
348	48	3	10	24	46	1	22	12	30	21	43	65	46	81	8	7	1	209	67	121	2	
396	47	4	13	26	50	1	22	12	30	21	43	65	46	81	12	10	1	238	83	120	8	
329	55	1	11	26	1	54	3	22	11	19	20	33	48	38	79	10	9	1	196	78	107	4
349	47	10	17	6	36	4	27	12	23	18	38	59	41	84	16	4	1	203	65	120	8	
337	46	2	10	21	5	47	1	16	7	15	33	40	64	33	70	16	6	1	171	64	145	5
426	39	5	14	27	3	44	3	17	10	21	30	47	94	39	98	18	2	3	196	70	199	5
328	37	1	11	25	2	30	3	20	13	8	23	41	59	38	81	9	2	1	169	52	140	5
391	42	2	11	19	3	46	3	23	12	24	21	54	68	50	78	15	4	4	195	80	151	9
346	44	1	17	18	2	47	2	18	9	16	22	31	66	32	93	11	6	1	193	57	132	9
339	48	5	15	29	6	51	2	21	11	14	26	25	58	36	83	5	8	2	212	53	123	4
378	40	1	8	23	2	42	1	14	11	26	37	40	70	42	81	11	7	4	219	71	126	3
4349	547	31	146	275	31	538	27	262	132	227	294	488	761	481	1025	145	70	25	2435	807	1621	64

TABLE

METEOROLOGICAL OBSERVATIONS TAKEN AT

MONTHS.	BAROMETER.			TEMPERATURE.			
	Highest.	Lowest.	Monthly Av'rage.	Max'm.	Min'm.	Monthly Av'rage.	Av'rage Dew Point.
1883.							
July.....	30.031	29.929	29.985	64.5	55.0	58.9	52.3
August.....	30.041	29.946	30.005	67.6	54.2	57.8	52.6
September.....	29.999	29.911	29.992	69.9	56.3	63.0	53.7
October.....	30.069	29.945	30.118	62.5	52.9	57.1	50.4
November.....	30.187	30.093	30.139	58.5	49.5	55.5	47.1
December.....	30.212	30.060	30.158	55.5	46.2	50.2	44.2
1884.							
January.....	30.547	29.611	30.147	54.7	46.6	50.0	44.5
February.....	30.420	29.444	30.033	55.9	45.6	50.0	42.5
March.....	30.294	29.530	29.968	59.2	49.8	54.0	47.1
April.....	30.241	29.584	30.001	64.8	47.8	55.0	48.4
May.....	30.139	29.830	29.997	80.0	49.0	58.2	50.2
June.....	30.176	29.997	29.994	65.2	55.3	59.0	52.6
Means.....	30.196	29.823	30.045	63.2	50.7	55.7	48.8

MORTUARY STATISTICS.

45

No. XIX.

THE SIGNAL OFFICE, SAN FRANCISCO, CAL.

RELATIVE HUMIDITY. Per Cent.			WINDS.			AVERAGE.	RAIN.
Highest.	Lowest.	Monthly Av'rage.	Prevail- ing Direct'n.	Max'm Hourly Vel. Mile	Av'rage Hourly Vel. Mile	Weather.	Inch's.
88	66	80.0	W.....	24.7	12.3	Fair.....	.00
92	74	83.5	W.....	26.0	12.2	Fair.....	.00
89	62	76.7	W.....	23.0	9.4	Fair.....	.42
90	66	78.5	W.....	18.8	8.0	Clear.....	1.48
90	68	80.3	W.....	14.0	6.2	Clear.....	1.00
90	72	80.7	N. W....	14.0	6.4	Clear.....	.92
97	39	82.3	S. E....	14.7	6.0	Fair.....	3.94
96	33	76.6	N. W....	31.0	7.8	Fair.....	6.65
94	50	78.2	N. W....	36.0	9.4	Fair.....	8.24
93	52	79.1	W.....	27.0	9.2	Fair.....	6.33
94	36	76.0	W.....	28.0	9.8	Fair.....	.23
96	49	79.9	W.....	30.0	10.8	Cloudy.....	2.57
92	55.7	79.4	W.....	23.9	8.0	Fair.....	32.38

HEALTH OFFICER'S REPORT.

TABLE No. XX.
 SECRETARY'S FINANCIAL REPORT OF THE EXPENSES OF THE HEALTH OFFICE FOR THE FISCAL
 YEAR ENDING JUNE 30, 1884.

MONTHS.	Salaries.....	Rent.....	Horse Hire Horse Keep- ing and Car Fare.	Vaccine Virus.	Stationery, Printing,&c.	Stamps, Newspapers & Sundries.	Fumigating Material.	Water Analysis.	Office Telephone.	Incidental Expense, Repairs, &c.	Total.....
1883- July.....	\$1,000 00	\$100 00	\$85 15	\$10 00	.....	\$9 55	.....	.....	\$10 84	.....	\$1,195 54
August.....	1,325 00	100 00	56 00	25 00	\$19 00	25 00	.....	.....	.....	.....	1,599 75
September.....	1,325 00	100 00	61 00	15 00	155 75	9 30	.....	.....	.....	.....	1,688 05
October.....	1,325 00	100 00	66 00	15 00	.....	47 77	.....	.....	.....	.....	1,553 77
November.....	1,525 00	100 00	62 50	5 00	84 95	12 30	.....	.....	11 38	.....	1,811 13
December.....	1,525 00	100 00	55 00	15 00	60 95	7 45	.....	.....	.....	.....	1,763 40
1884- January.....	1,525 00	100 00	50 00	5 00	.....	20 75	.....	\$200 00	11 50	.....	1,912 25
February.....	1,525 00	100 00	50 00	10 00	60 00	4 00	.....	.....	.....	.....	1,751 00
March.....	1,525 00	100 00	50 00	10 00	30 00	4 95	.....	.....	.....	.....	1,739 95
April.....	1,525 00	100 00	70 00	5 00	13 75	5 50	.....	.....	11 65	48 00	1,678 90
May.....	1,525 00	.....	70 00	5 00	55 90	6 65	9 00	.....	.....	.....	1,727 05
June.....	1,525 00	.....	70 00	15 00	73 00	49 50	.....	.....	.....	.....	1,732 50
Totals.....	\$17,175 00	\$800 00	\$745 65	\$135 00	\$563 30	\$204 72	\$58 75	\$200 00	\$45 37	\$108 50	\$20,131 29

Total expenses.....\$20,131 29
 Receipts from disinterments and removals..... 7,880 00
 \$12,251 29

TABLE No. XXI.

SECRETARY'S FINANCIAL REPORT

OF SALARIES PAID IN HEALTH DEPARTMENT FOR YEAR ENDING JUNE 30, 1884.

MONTHS.	Health Office.	City & County Hospital.....	City & County Alms House	City & County Hospital.....	Small Pox Hospital.....	Quarantine Department	City Physician's Department.....	City Cemetery.....	Superintendent City Cemetery.....	Visiting Physician for Industrial School.....
1883.										
July.....	\$1,000 00	\$2,272 00	\$1,133 65	\$200 00	\$425 00	\$250 00	\$75 00	\$75 00	\$75 00	\$75 00
August.....	1,325 00	2,234 25	1,135 00	200 00	425 00	250 00	75 00	75 00	75 00	75 00
September.	1,325 00	2,227 00	1,130 00	200 00	425 00	250 00	75 00	75 00	75 00	75 00
October.....	1,325 00	2,246 00	1,135 00	225 00	425 00	250 00	75 00	75 00	75 00	75 00
November.	1,525 00	2,221 00	1,135 00	225 00	425 00	250 00	75 00	75 00	75 00	75 00
December..	1,525 00	2,237 00	1,135 00	225 00	425 00	250 00	75 00	75 00	75 00	75 00
1884.										
January.....	1,525 00	2,237 00	1,116 00	225 00	425 00	250 00	75 00	75 00	75 00	75 00
February....	1,525 00	2,247 00	1,130 00	225 00	425 00	250 00	75 00	75 00	75 00	75 00
March.....	1,525 00	2,247 00	1,130 00	225 00	425 00	250 00	75 00	75 00	75 00	75 00
April.....	1,525 00	2,377 00	1,121 00	225 00	445 00	250 00	75 00	75 00	75 00	75 00
May.....	1,525 00	2,377 00	1,135 00	225 00	445 00	250 00	75 00	75 00	75 00	75 00
June.....	1,525 00	2,377 00	1,135 00	225 00	445 00	250 00	75 00	75 00	75 00	75 00
Totals.	\$17,175 00	\$27,289 25	\$13,575 65	\$2,025 00	\$5,160 00	\$3,000 00	\$900 00	\$900 00	\$900 00	\$900 00

PETER MULLOY, Secretary.

REPORT OF TWENTY-SIXTH STREET HOSPITAL.

TO J. L. MEARES, M. D.,
Health Officer City and County of San Francisco:

SIR—Herewith I have the honor to submit the report of this Hospital for the year ending June 30, 1884:

Remaining in the Hospital at last annual report.....	17
Admitted since { Small pox.....	3
{ Other diseases.....	24
	— 27
Whole number to account for.....	44
Died.....	2
Transferred to City and County Hospital.....	3
	— 5
Discharged.....	16
	— 21
Remaining June 30th.....	23

REMARKS.

The first case of small pox reported this year was that of a passenger from the steamship "Columbia," who was admitted to Hospital July 14th.

The next case was that of a young German, 30 days from Bremen and 13 from Baltimore.

The third case was that of a girl from the steamship "City of Tokio," who, with her mother, was admitted on the 16th of last month, and is still in Hospital, though convalescent.

IN THE CHINESE QUARTERS.

Remaining at last annual report.....	17
Admitted since.....	30
	—
Whole number to account for.....	47
Died, 2; discharged, 24.....	26
	—
Remaining June 30th.....	21

DISEASES TREATED IN THE CHINESE BUILDING DURING THE YEAR.

Leprosy.....	21
Chagres fever.....	1
Cataract.....	1
Punctured wound.....	1
Loss of leg.....	1
Senile dementia (died).....	1
Anasarca.....	2
Osteo sarcoma (died).....	1
Epilepsia.....	2
Incised wound.....	1
Adenites.....	2
Paraphymosis.....	1
Syphilis.....	9
Specific bubo.....	2
Loss of vision.....	1-47

Respectfully, sir, your obedient servant,

JOHN W. FOYE, M. D.,

Resident Physician.

REPORT OF QUARANTINE OFFICER.

TO J. L. MEARES, M. D.,

Health Officer City and County of San Francisco:

SIR—I have the honor to submit the following report for the year commencing July 1, 1883, and ending June 30, 1884:

YEAR.	MONTH.	NO. OF VESSELS.	DUES.	RECEIPTS.
1883	July.....	86	\$520 00	\$520 00
1883	August.....	96	1,365 00	1,365 00
1883	September.....	87	507 50	507 50
1883	October.....	92	520 00	502 50
1883	November.....	123	802 50	820 00
1883	December.....	91	540 00	535 00
1884	January.....	74	460 00	465 00
1884	February.....	61	385 00	385 00
1884	March.....	66	387 50	385 00
1884	April.....	65	422 50	415 00
1884	May.....	63	395 00	405 00
1884	June.....	61	392 50	385 00
	Total.....	966	\$6,697 50	\$6,690 00

To be collected.....\$7 50

EXPENSES.

YEAR.	MONTH.	SALARIES, ETC.	AMOUNT.
1883	July.....	Salaries.....	\$425 00
1883	".....	John Martin (boat hire).....	10 00
1883	".....	Merchants' Exchange (dues).....	86 00
1883	".....	Telephone Company.....	5 00
1883	".....	Middleton & Co.....	40 74
1883	".....	Hinkley & Co.....	70 91
1883	".....	Office rent.....	30 00
		Total.....	\$617 75

QUARANTINE.

51

EXPENSES—CONTINUED.

YEAR.	MONTH.	SALARIES, ETC.	AMOUNT.
1883	August.....	Salaries.....	\$425 00
1883	"	Office rent.....	30 00
1883	"	Hinkley & Co.....	30 56
1883	"	Middleton & Co.....	9 11
1883	"	Josselyn & Co.....	4 85
1883	"	Boat hire.....	7 00
1883	"	Coal.....	42 00
1883	"	J. D. Stevenson (steamer hire).....	25 00
		Total.....	\$573 52
1883	September.....	Salaries.....	\$425 00
1883	"	Coal.....	73 50
1883	"	United States Inspector.....	25 00
1883	"	Garratt & Co.....	31 46
1883	"	Printing (Woodward & Co.).....	12 00
1883	"	Office rent.....	30 00
1883	"	Telephone Company.....	67 99
1883	"	Telegrams.....	6 00
1883	"	Boat hire.....	5 00
1883	"	Middleton & Co.....	36 57
		Total.....	\$712 51
1883	October.....	Salaries.....	\$425 00
1883	"	Garratt & Co.....	30 00
1883	"	Coal.....	94 50
1883	"	Middleton & Co.....	17 50
1883	"	Merchants' Exchange.....	36 00
1883	"	Office rent.....	30 00
1883	"	Printing.....	3 50
1883	"	Telephone Company.....	10 05
		Total.....	\$646 55
1883	November.....	Salaries.....	\$425 00
1883	"	Middleton & Co.....	75 25
1883	"	Coal.....	84 00
1883	"	Office rent.....	30 00
1883	"	Boat hire.....	10 00
1883	"	Telephone Company.....	10 00
1883	"	Hinkley & Co.....	174 52
		Total.....	\$808 77
1883	December.....	Salaries.....	\$425 00
1883	"	Office rent.....	30 00
1883	"	Boat hire.....	10 00
1883	"	J. J. Callaghan, painting and cleaning str.....	37 50
1883	"	Telephone Company.....	10 00
1883	"	Repairs to steamer.....	57 44
1883	"	Coal.....	73 50
1883	"	Middleton & Co.....	18 10
		Total.....	\$661 54

HEALTH OFFICER'S REPORT.

EXPENSES—CONCLUDED.

YEAR.	MONTH.	SALARIES, ETC.	AMOUNT.
1884	January	Salaries.....	\$425 00
1884	"	Office rent.....	30 00
1884	"	Telephone Company.....	10 00
1884	"	Merchants' Exchange, dues.....	36 00
1884	"	Coal.....	52 50
		Total.....	\$553 50
1884	February	Salaries.....	\$425 00
1884	"	Office rent.....	30 00
1884	"	Coal.....	73 50
1884	"	Middleton & Co.....	13 25
1884	"	Garratt & Co.....	14 95
1884	"	Telephone Company.....	10 00
		Total.....	\$566 70
1884	March	Salaries.....	\$425 00
1884	"	Merchants' Exchange, dues.....	36 00
1884	"	Coal.....	52 50
1884	"	Office rent.....	30 00
1884	"	Telephone Company.....	10 00
1884	"	Middleton & Co.....	8 40
1884	"	Boat hire.....	5 00
		Total.....	\$566 90
1884	April	Salaries.....	\$445 00
1884	"	Telephone Company.....	10 00
1884	"	Middleton & Co.....	5 75
1884	"	Office rent.....	30 00
1884	"	Coal.....	52 50
1884	"	Printing.....	6 00
		Total.....	\$549 25
1884	May	Salaries.....	\$445 00
1884	"	Middleton & Co.....	12 56
1884	"	Office rent.....	30 00
1884	"	Telephone Company.....	10 00
1884	"	Repairs to steamer.....	3 00
1884	"	Coal.....	63 00
		Total.....	\$563 56
1884	June	Salaries.....	\$445 00
1884	"	Middleton & Co.....	39 88
1884	"	Coal.....	52 50
1884	"	Office rent.....	30 00
1884	"	Telephone Company.....	10 00
1884	"	Smith & Nelson.....	3 50
1884	"	E. Kerrish.....	30 25
		Total.....	\$611 13

The total expenses for the year amount to seven thousand four hundred and thirty-one dollars and fifty-eight cents (\$7,431 58).

The expenses for the fiscal year 1882-83 aggregate \$3,620 69. This shows a reduction of \$1,189 11 in favor of this fiscal year. The cost of coal consumed the past year amounts to \$814, against \$1,332 31 consumed the preceding year.

It became necessary to quarantine four steamers by reason of infection from yellow fever. Fifteen persons were treated on ship board, suffering from the above named disease. Twelve recovered and three died. One steamer was quarantined, having one case of small-pox on board, which developed while the vessel was en route to this port. No more cases developed, and the passengers were liberated after a detention of seventeen days.

A rigid quarantine is now in force, and will continue to be so during the future.

I am, very respectfully,
Your obedient servant,

WM. F. McALLISTER, M. D.,
Quarantine Officer.

MARKET INSPECTOR'S REPORT.

SAN FRANCISCO, July 1, 1884.

Dr. J. L. Meares, Health Officer, City and County of San Francisco :

DEAR SIR—I have the honor to submit to you my report for the year commencing July 1, 1883, and ending June 30, 1884.

The seizures and confiscations are as follows, viz. :

Four thousand eight hundred and fifty pounds beef; one thousand and sixty pounds mutton; fourteen lambs; sixty-six sheep; four hundred and sixteen calves; four cows and one carcass of beef; one hog; three hundred and fifty pounds bacon; seven thousand and nine hundred pounds fish; two deers; twenty squirrels; three turkeys; four dozen chickens; forty rabbits; twenty-one dozen wild ducks; one hundred and fifty-five wild geese; one sack wild game; four dozen quail; eighty pounds venison.

The markets are all in good condition, and the butchers and marketmen endeavor to keep them so, for the benefit of the public in general.

Very respectfully,

EDWARD F. MCKITTRICK,

Market Inspector.

REPORT OF HEALTH INSPECTORS.

SAN FRANCISCO, July 1, 1884.

Dr. J. L. Meares, Health Officer of City and County of San Francisco :

SIR—I hereby submit the following report of District No. 1, for the year ending June 30, 1884 :

Nuisances investigated.....	960
Nuisances abated.....	922
Complaints without cause.....	20
Referred to Street Department.....	8
In process of abatement.....	10
	960
Number of patent closets constructed.....	161
Number of feet of ironstone sewer pipe and iron soil pipe constructed.....	5937

Respectfully submitted,

JOHN KELLY, JR.,
Health Inspector District No. 1.

SAN FRANCISCO, July 1, 1884.

Dr. J. L. Meares, Health Officer of the City and County of San Francisco :

SIR—I herewith submit the following report of District No. 2, from August 1, 1883, till July 1, 1884 :

Nuisances reported.....	495
Nuisances abated.....	463
Complaints without cause.....	25
Nuisances unabated.....	7
	495
Patent water closets constructed.....	47
Stone pipe sewers constructed, feet.....	3170

Respectfully submitted,

O. H. FRANK,
Health Inspector for District No. 2.

SAN FRANCISCO, June 30, 1884.

J. L. Meares, M. D., Health Officer, City and County of San Francisco :

SIR—The following report of the Health Inspector for the District No. 3, which lies north of Market street, south of Bush street and west of the Pacific Ocean, for eleven months of the fiscal year ending June 30, 1884, is respectfully submitted :

Total number of complaints.....	961
Abated.....	881
No cause.....	27
Location unascertained.....	2
Referred to Superintendent of Streets.....	5
Laundries examined.....	46
Fumigations for diphtheria reported.....	16
Fumigations for scarlatina reported.....	5
In process of abatement.....	29
	— 961
	<u> </u>

The number of lineal feet of sewers and drains constructed is shown as follows :

Ironstone pipe.....	12,527
Wooden sewer.....	801
Cast-iron pipe.....	1,587
Galvanized iron pipe.....	2,887
Water pipe to patent water closets.....	2,672
Tin gutters.....	1,583
Escape pipes for sewer gas.....	1,831
Ironstone pipe reconstructed.....	3,088
	—
Patent closets put in.....	224
Patent closets reconstructed.....	142
Traps put in.....	555
Iron stop hoppers.....	150
Sinks constructed.....	58
Stationary tubs.....	8
Bath tubs, new or relined.....	9
Urinals.....	5
Connections with public sewers.....	86
Vaults emptied and cleansed.....	115
Vaults emptied and filled.....	130
Asphaltum squares laid.....	198
Square yards filled in.....	205
Stables, poultry yards, pigpens, yards, manure piles and garbage heaps removed or cleaned.....	817
Houses fumigated.....	6
Fumigations during quarantine duty.....	2
Arrests for failure to abate.....	8

Respectfully,

E. H. COE,
Health Inspector District No. 3.

HEALTH INSPECTORS.

57

SAN FRANCISCO, July 1, 1884.

J. L. Meares, M. D., Health Officer, City and County of San Francisco :

SIR—The following report of duty performed by Inspector of District No. 4, for fiscal year ending June 30, 1884, is respectfully submitted, viz :

Total number of complaints.....	626
Of which there were disposed of.....	603
Leaving in process of abatement.....	23
	<hr/>
Examination of premises infected with diphtheria.....	21
Examination of premises infected with scarlatina.....	5
	<hr/>
Fumigated.....	7
Declined fumigation.....	19
	<hr/>
	26
	<hr/>
Stone sewer pipe put in, feet.....	2715
Stone drain pipe put in, feet.....	8886
Wood drain put in, feet.....	1120
Iron pipe put in, feet.....	80
Patent closets put in.....	81
Arrests.....	6
Laundry inspections.....	27
Quarantine duty, day.....	1
Inspection of cemetery vaults.....	64
Inspection of disinterments.....	193

Your obedient servant,

JEFFERSON MARTENET,

Inspector District No. 4.

SAN FRANCISCO, JULY 1, 1884.

J. L. Meares, M. D., Health Officer, City and County of San Francisco :

SIR—I herewith submit the Annual Report of District No. 5 for fiscal year ending June 30, 1884 :

Number of complaints of nuisances.....	693
Number of nuisances abated.....	598
Number of complaints without cause.....	66
Number of nuisances in process of abatement.....	15
Number of complaints referred to other departments.....	14
	<hr/>
	693
	<hr/>
Number of feet of ironstone pipe put in.....	5455
Number of feet of wooden sewer put in.....	1240
	<hr/>
	6695
	<hr/>
Number of patent closets constructed.....	108

Respectfully submitted,

T. M. BOARMAN,

District No. 5.

HEALTH OFFICER'S REPORT.

SAN FRANCISCO, July 1, 1884.

J. L. Meares, M. D., Health Officer for the City and County of San Francisco :

SIR—I respectfully submit my report as Health Inspector for the last eight months of the fiscal year ending June 30, 1884 :

Total number of complaints investigated.....	354
Number of nuisances abated.....	306
Number of complaints without cause.....	37
Number of complaints under abatement.....	6
Number of complaints referred.....	5
Total.....	354
Number of feet of ironstone pipe put in.....	3860
Number of feet of metal pipe put in.....	355
Number of feet of iron pipe.....	52
	4267
Number of patent closets put in.....	54

Very respectfully,

J. GANS,

Health Inspector District No. 6.

REPORT OF PLUMBING AND DRAINAGE INSPECTOR.

SAN FRANCISCO, July 31st, 1884.

J. L. Meares, M. D., Health Officer, City and County of San Francisco :

SIR—I respectfully submit my report as Plumbing and Drainage Inspector for the period of eleven months, commencing August 1, 1883, and ending June 30, 1884.

I have, during said period, inspected the plumbing and drainage of six hundred and one (601) buildings, and tested twenty-three hundred feet of ironstone sewer pipe, where the same was laid inside the wall lines of buildings. During the first month after the plumbing and drainage law went into force, I found considerable trouble from the want of a proper knowledge and understanding of the rules and regulations of the Board of Health, on the part of the public, and it is with pleasure I am now able to state that, as the public become acquainted with the beneficial results of the said rules, they become more popular. In the performance of my duties it has been necessary to cause the arrest of thirteen persons for violations of the rules. Three cases were brought to trial, and the parties convicted and fined. Nine cases were withdrawn upon the parties arrested complying with the rules. One case is now pending in Court.

The following classification will show the purpose for which the six hundred and one buildings inspected were erected:

For private residences.....	319
Apartment houses for two families.....	129
Apartment houses for three families.....	33
Apartment houses for four families.....	21
Tenement houses for twelve families.....	1
Boarding houses or hotels.....	7
Public halls.....	10
Stores and warehouses.....	9
Stores and dwellings.....	51
Lodging houses.....	7
Stores and offices.....	5
Stables.....	4
Stores.....	5
Total.....	601

Yours, respectfully,

JAMES E. SWEENEY,
Inspector of Plumbing and Drainage.

The following is a complete list of Master and Journeyman Plumbers registered at Health Office up to June 30, 1884:

LIST OF MASTER PLUMBERS.

MASTER PLUMBERS.	PLACES OF BUSINESS. Street Numbers.	MASTER PLUMBERS.	PLACES OF BUSINESS. Street Numbers.
Ahlbach, Jacob.....	231 Fourth.....	Kraus, Edmund.....	669 Howard.....
Anderson, Wm. B.....	12 & 14 Market.....	Lane, Wm. E.....	505 Kearny.....
Bush, David.....	316 Sutter.....	Langrehr, Henry C.....	25 Market.....
Blackman, M. J.....	225 Hayes.....	Levy, Julius.....	439 Bush.....
Bohn, John.....	112 Seventh.....	Lasswell, M. D.....	765 Mission.....
Bailey, Thomas J.....	532 Hayes.....	Milne, George.....	618 Washington.....
Butler, Joseph F.....	435 Hayes.....	Monaghan, T. H.....	1432 California.....
Bryan, J. M.....	130 Third.....	Martin, David N.....	769 Mission.....
Barman, Charles.....	117 Fifth.....	May, Gustave.....	847 Valencia.....
Bertram, Thomas.....	1017 Folsom.....	Mallett, J. H., Jr.....	34 Geary.....
Connor, H. John.....	528 Third.....	Manning, M. Thos.....	621 Davis.....
Cline, William.....	2106 Fillmore.....	Moenning, Emil.....	234½ Fifth.....
Cosgrove, John T.....	33 Lafayette.....	Moore, C. F.....	22 Stanley Place.....
Cadman, C. K.....	1210½ Polk.....	McCormick, J. F.....	313½ Sutter.....
Casey, P. F.....	1204 Stockton.....	McNally, L.....	419 Montgomery.....
Craig, John R.....	256 Ellis.....	McKeown, Wm.....	511 Sixth.....
Cusick, James E.....	858 Mission.....	McIntyre, Wm.....	246 Sutter.....
Crosthwaite, M. H.....	2124 Fillmore.....	McMahon, Jas. E.....	1718 Polk.....
Croall, James.....	7 Valparaiso.....	O'Brien, P. R.....	334 Pine.....
Culley, John P.....	607 Howard.....	O'Shea, J. J.....	439 Valencia.....
Crowley, G.....	230 Sixth.....	Platz, Joseph.....	2629 Pine.....
Daniel, W. L.....	234 Post.....	Prior, J. K.....	1128 Market.....
Downes, Charles.....	41 Second.....	Rice, R.....	107 Geary.....
Doherty, J.....	345 Kearny.....	Reiley, C. J.....	214 Montgomery ave.....
Dubois, W. E.....	17 Sherman.....	Raisch, Fred.....	1519 Howard.....
Demers, E.....	302½ Fourth.....	Rehn, Chas.....	208 & 214 Sixteenth.....
Duffey, E. J.....	157 Eleventh.....	Ribolsi, P.....	440 Broadway.....
Dodge, H. W.....	1030 Sutter.....	Rustemeyer, W. J.....	2333 Mission.....
Doyle, Edward.....	3260 Mission.....	Rickman, W. F.....	1434 Mission.....
Dunne, Maurice.....	320 Eighteenth.....	Richardson, Jas.....	620 Seventeenth.....
Enright, Wm.....	1115 Devisadero.....	Snook, Edward C.....	630 Sacramento.....
Elsner, P.....	302½ Fourth.....	Shepard, James.....	108 & 110 Leidesdorff.....
Ernst, Henry.....	1214 Stockton.....	Shepard, Wm.....	108 & 110 Leidesdorff.....
Ertola, Andrea.....	1508 Dupont.....	Snook, George A.....	630 Sacramento.....
Fitzpatrick, P. D.....	1325 Vallejo.....	Symmes, Frank J.....	122 & 124 Sutter.....
Firmin, John L. E.....	140 O'Farrell.....	Stow, Vanderlynn.....	122 & 124 Sutter.....
Forsyth, W. C.....	1077 Market.....	Snook, Wm. S.....	554 Clay.....
Fiske, H. C.....	827 Market.....	Snook, F. W.....	554 Clay.....
Fritz, E. N.....	130 Geary.....	Shafer, Francis J.....	1811 Steiner.....
Farrell, John T.....	446 Valencia.....	Spangler, D. B.....	Cor. 18th & Fair Oaks.....
Grav, John T.....	230 Sutter.....	Thomas, Wm. H.....	117 Julian avenue.....
Gysin, A.....	520 Davis.....	Vance, Robert A.....	12½ Russ.....
Hobro, W. D.....	728 Washington.....	Wilson, W. F.....	25 Stockton.....
Hufschmidt, H. L.....	637 Clay.....	Waters, Chas.....	30 O'Farrell.....
Hildenbrand, C.....	181 Sixteenth.....	Welch, J. D.....	Cor. Tyler & Fillmore.....
Hayes, Thomas.....	1528 Polk.....	Ward, Patrick F.....	1031 York.....
Humphreys, Geo.....	1123 Mission.....	Whitney, J. T.....	373 Natoma.....
Healy, P. J.....	532 Bush.....	Williamson, H.....	327 Sutter.....
Hammond, Philip.....	510 Bush.....	Waters, John.....	922 Larkin.....
Iredale, Chas. W.....	862 Mission.....	Wrin, M. J.....	326 Third.....
Ickelheimer, S.....	634 Geary.....	Wilson, E. V.....	608 Larkin.....
Judkins, E. H.....	2101 Mission.....	Weeks, W. J. J.....	1524 Stockton.....
Keating, P. W.....	2203 Mission.....	Wempe, H.....	Cor. Hill & Valencia.....
Kean, M. C.....	130 Geary.....	Wilson, Jas.....	Cor. Tenth & Minna.....
Koch, F.....	1142 Howard.....		

Total number master plumbers registered.....109

LIST OF JOURNEYMAN PLUMBERS.

JOURNEYMAN PLUMBERS.	RESIDENCES. Street Numbers.	JOURNEYMAN PLUMBERS.	RESIDENCES. Street Numbers.
Adams, Q. John.....	9 Clara.....	Glennon, P. J.....	917 Howard.....
Ayres, Charles.....	609 Larkin.....	Groom, J. P.....	1808 Jessie.....
Ahler, Joseph.....	609 Buchanan.....	Gordon, P. H.....	527 Geary.....
Byrne, James.....	119 Welsh.....	Gray, D. J.....	372 Brannan.....
Berwick, David.....	937 Mission.....	Graffelman, H.....	630 Sacramento.....
Broad, J. F.....	1222 Bush.....	Green, Patrick.....	278 Jessie.....
Butterworth, J. B.	Cor. Larkin & Beach	Garrigan, James.....	908 Larkin.....
Britt, James E.....	1191 1/2 Harrison.....	Holden, Chas. S.....	824 Green.....
Bell, John.....	2025 Geary.....	Hammond, W. T.	1027 Sutter.....
Buchholz, Henry.	125 Clay.....	Heath, James F.....	236 Minna.....
Bering, John.....	511 Lombard.....	Hanna, James Z.....	24th & Columbia.....
Broad, Edward.....	303 Chestnut.....	Heino, I.....	231 Fourth.....
Baxter, C.....	844 Broadway.....	Hand, John.....	429 Union.....
Cardiff, R. J.....	319 Tehama.....	Heyermann, J.....	500 Fourth.....
Cusick, James E.....	937 Mission.....	Hart, Michael.....	627 Broadway.....
Colvin, James E.....	1501 Broadway.....	Ingram, J. W.....	1005 Vallejo.....
Clark, Thomas.....	559 Minna.....	Ickelheimer, S.....	137 Larkin.....
Colvin, Alex. F.....	40 Silver.....	Johnston, P. J.....	2008 Larkin.....
Corr, H. F.....	1528 Polk.....	Johnson, C. N.....	214 Linden avenue.....
Clark, Joseph.....	1041 Twentieth.....	Jeffress, E. T.....	1806 Montgomery.....
Carr, Joseph.....	Eighteenth & Dolores	Kelly, Frank.....	1206 Green.....
Cowan, Wm. H.....	749 Howard.....	Kearns, Thomas.....	1813 Jessie.....
Cagney, T. J.....	1 Middle.....	Kerrison, Robt. J.	1030 Alabama.....
Cahill, J. R.....	Sutter & Montgom'y	Kilday, Wm. J.....	1138 Howard.....
Clark, Thomas, Jr.	559 1/2 Minna.....	Kelly, Wm. H.....	1214 Pacific.....
Dixon, John J.....	1222 Bush.....	Kearney, P. W.....	127 Silver.....
Doyle, James P.....	214 1/2 Sixth.....	Kirby, P. J.....	37 Lafayette.....
Doggett, Bolivar.....	116 1/2 Langton.....	King, Jeff.....	554 Clay.....
Duney, George F.....	2086 Market.....	Kraus, Edward.....	22 Turk.....
Dunn, Wm. J.....	37 Louisa.....	Kaskell, Gus.....	630 Green.....
Dallamore, Geo. C.	6 Moss.....	Linehan, James.....	119 Powell.....
Duffy, Edward.....	113 Fulton.....	Lawton, J. J.....	418 Fulton.....
Donahue, John.....	912 Ellis.....	Layton, John.....	25 Lily avenue.....
Dowling, Wm.....	643 Stevenson.....	Lyons, John F.....	109 Langton.....
Dunster, John.....	442 1/2 Clementina.....	Lyons, John.....	311 Linden avenue.....
Dufficy, Peter.....	26 Willow avenue.....	Layng, Robert J.....	604 Linden avenue.....
Deevy, Thomas.....	22 Ridley.....	Levison, J. M.....	1510 1/2 Powell.....
Doyle, Edward.....	57 Shipley.....	Mitchell, M. J.....	410 Waller.....
Delano, W.....	645 Oak.....	Murray, John.....	1 Hampton Place.....
Delano, F.....	645 Oak.....	Mahoney, James.....	422 Filbert.....
Dalton, John.....	733 Minna.....	Meehan, N.....	322 Green.....
Derby, John J.....	2 Eighth, cor. Market	Maguire, Thomas.....	233 Langton.....
Ellis, Thomas P.....	668 Mission.....	Murphy, Tho. J.....	335 Broadway.....
Eccles, J. C.....	509 Twentieth.....	Murray, Dennis.....	520 Vallejo.....
Ellen, Eb.....	631 Post.....	Meyer, Ch.....	637 California.....
Ford, Thomas J.....	404 McAllister.....	Magee, James J.....	32 Russ.....
Flood, Joseph.....	753 Harrison.....	Morrow, G. G.....	371 Minna.....
Fellows, T. J.....	6 Vernon Place.....	Moore, John J.....	1505 Franklin.....
Fenlon, Jeremiah.....	432 Tehama.....	McFadden, Jas. J.	133 Langton.....
Fraser, Paul.....	120 Sutter.....	McCaffary, John.....	614 Stevenson.....
Ford, James.....	404 McAllister.....	McCloskey, Jas.....	713 Turk.....
Fitzpatrick, J.....	743 Brannan.....	McDevitt, A.....	106 Freelon.....
Fernandez, T. M.....	101 Commercial.....	McCoy, A.....	440 Clementina.....
Gray, W. J.....	1 Webster.....	McGowan, John J.	520 Geary.....
Guthrie, George.....	2613 Clay.....	McSwegan, Jes.....	117 Fulton.....
Garbarino, Joseph	1523 Mason.....	Noonan, James.....	268 Minna.....

LIST OF JOURNEYMAN PLUMBERS—CONCLUDED.

JOURNEYMAN PLUMBERS.	RESIDENCES. Street Numbers.	JOURNEYMAN PLUMBERS.	RESIDENCES. Street Numbers.
Noonan, John.....	268 Minna.....	Sherman, Wm.....	125 Clara.....
O'Neil, P. John.....	3 White.....	Sweeny, P. C.....	222 Herman.....
O'Neil, J. C. B.....	65 West Mission.....	Sherman, David.....	420 Shipley.....
O'Neil, Dennis.....	27½ Ritch.....	Stuhr, C.....	544 Jes. l.....
O'Brien, Michael.....	614 Stevenson.....	Schmielpfenig, F.....	817 Broadway.....
O'Donnell, J. W.....	2740 Folsom.....	Stombs, C. H.....	Donohue House.....
Prendergast, Jno.....	San Miguel.....	Sarre, Alex.....	Overland House.....
Powers, E. J.....	213 Prospect Place.....	Sutherland, Thos. C.....	629 Clay.....
Plank, L.....	1610 Clay.....	Skelley, Joseph.....	Bush House.....
Pritchard, J. A.....	916 Natoma.....	Thompson, John.....	613 Second.....
Parker, L. J.....	1316 Filbert.....	Toohy, James.....	572 Howard.....
Porter, W. J.....	733 Natoma.....	Todd, Charles P.....	446 Valencia.....
Patten, Henry.....	951 Tehama.....	Welch, M.....	2290 Pine.....
Rohr, Joseph.....	222 Minna.....	Ward, Peter.....	1163 Market.....
Rothman, Jacob.....	7 Hopeton Terrace.....	Wagner, John G.....	712 Folsom.....
Robinson, Thos. F.....	1133½ Harrison.....	Wedgewood, F. L.....	630 Sacramento.....
Riley, John.....	2014 Mission.....	Wands, James.....	105 Ridley.....
Rooney, J. W.....	480 Jessie.....	Witts, Richard.....	681 Clementina.....
Robertson, Wm. R.....	232 Minna.....	Wood, George F.....	103 Geary.....
Reynolds, G. F.....	2210 Fillmore.....	Weber, H.....	418 Broadway.....
Robertson, J. H.....	139 Hancock.....	White, George.....	22 Steuart.....
Snook, Edgar N.....	726 California.....	Williams, W. A.....	1211½ Devisadero.....
Spinks, Charles.....	1705 Leavenworth.....	Yung, William.....	134 Fourth.....
Smith, H. W.....	Octavia & Cedar ave.....	Young, Conrad.....	1429 Dupont.....
Snook, G. W.....	554 Clay.....		

Total number journeyman plumbers registered..... 161

CITY PHYSICIAN'S REPORT.

SAN FRANCISCO, August 4, 1884.

*To the Honorable the Board of Supervisors
of the City and County of San Francisco:*

GENTLEMEN—In compliance with Resolution No. 15,214 (New Series), I have the honor to submit for your consideration my eighth annual report for the fiscal year ending June 30, 1884.

The House of Correction and the County Jail have maintained a very good sanitary condition for the past year. Most of the cases there treated by me were contracted by the patients prior to their admission to those institutions. To the zeal and efficiency of the officers of both institutions is largely due the state of general health of the inmates. The dispensaries of the County Jail and House of Correction have been refitted in a satisfactory manner at a nominal expense, which is commendatory to your Honorable Body, as the expense of compounding prescriptions elsewhere will be curtailed.

There has been an increase in the number of indigent sick during the past year. As the accommodations at present furnished by the city, where these unfortunates are to be treated, are entirely inadequate for the purpose, I am obliged to call your attention to a recommendation made by me in my last annual report, as follows: "I would request the attention of your Honorable Body to the absolute necessity of establishing a Public Dispensary in some central portion of the city. Upon the same premises there should also be attached a Receiving or Accident Hospital, thus removing the latter from its present location in the City Prison. One building could be used for both purposes, under the charge and control of the City and Assistant City Physicians. It will at once suggest itself to the minds

of all citizens, that it is extremely undesirable to remove persons injured on the public streets inside prison walls for medical treatment. The present Receiving Hospital is better than none at all, but I know of no other city which locates such an institution inside the walls of a prison. Such a state of affairs is not in accord with the size and wealth of San Francisco, nor is it in consonance with the laws of Hygiene."

My private office has been converted into a branch Health Office, where the sick apply for admission to the City and County Hospital or the Alms House, thereby excluding my private patients from visiting my office. The indigent sick who are unable to visit my office or enter the Hospital, must suffer without the establishment of a systematically arranged dispensary.

The question of a public Morgue having been freely discussed during the past ten years, I feel it my duty to state that this city should maintain its own Morgue. Commodious apartments should be provided for the Coroner, where a large well-ventilated and lightsome autopsy room could be selected for the City Physician and assistant, wherein they would be able to make complete and efficient post mortem examinations. Moreover, from my extensive experience relative to the Morgue, I would unhesitatingly recommend its removal from thickly settled neighborhoods to the water front. There are a score of reasons why the Morgue should be under the immediate management of the city, several of which were advanced by Coroner Marc Levingston in his annual report, filed two weeks since. I have taken occasion to make this recommendation as I am called to the Morgue almost daily in my official capacity, and foresee the benefits that would accrue from its adoption.

I request your attention to a subject of paramount importance, viz: The holding of autopsies by the City Physician or Assistant for the Coroner. In this connection, I deem it my duty to divulge a few facts which will convince your Honorable Body and the public that this grave duty should be imposed upon physicians other than upon me or the assistant. In brief, I would state that a terrible, yea, a fatal danger is incurred by attending the sick and wounded after the making of an autopsy.

No means more propitious for the propagation of infection could be devised.

In view of the possible spread of the cholera in this city, I desire to impress upon your Honorable Body the necessity of furnishing all our public institutions with the requisite sanitary precautions against the dread disease. To the officers and attaches of the several departments visited by me, I would suggest to have garbage and all decaying vegetable matter removed daily, and oftener, if necessary.

In conclusion, I beg leave to tender my thanks to those who have generously aided me in the discharge of the duties of my office.

Appended is a summary of the work performed in this Department during the past year:

Cases attended in the House of Correction.....	1,451
Cases attended in the County Jail.....	817
Cases attended at the City Receiving Hospital.....	3,256
Cases attended of Indigent Sick	775
	6,199
Total	6,199
Autopsies made for the Coroner.....	166

Very respectfully,

CHAS. BLACH, M. D.,
City Physician and Police Surgeon.

HOUSE OF CORRECTION.

Abscess.....	12	Hysteria.....	20
Alcoholism.....	27	Insanity.....	7
Amenorrhœa.....	8	Iritis.....	3
Anæmia.....	7	Laryngitis.....	3
Aneurism.....	1	Leucorrhœa.....	61
Anthrax.....	11	Lumbago.....	26
Aphthæ.....	2	Mastitis.....	1
Asthma.....	11	Meningitis.....	2
Bronchitis.....	79	Nephritis.....	8
Bubo.....	12	Neuralgia.....	82
Burns.....	6	Onychia.....	5
Cholera infantum.....	2	Opium, effects of.....	27
Cholera morbus.....	11	Orethritis.....	5
Chorea.....	1	Otitis.....	17
Conjunctivitis.....	22	Paralysis.....	13
Coryza.....	36	Paraphimosis.....	1
Cystitis.....	7	Perimetritis.....	1
Debility.....	18	Phthisis pulmonalis.....	50
Delirium tremens.....	12	Pleurisy.....	14
Diabetes Mellitus.....	9	Pneumonia.....	7
Diarrhœa.....	13	Polypus.....	1
Dislocations.....	3	Prolapsus uteri.....	2
Diphtheria.....	7	Prostatitis.....	1
Dysentery.....	25	P-oriasis.....	6
Dyspepsia.....	80	Retention of urine.....	
Eczema.....	25	Rheuma ism.....	117
Epididymitis.....	1	Scrofula.....	6
Enteritis.....	4	Spermatorrhœa.....	3
Epilepsy.....	21	Sprain.....	25
Erysipelas.....	7	Stricture.....	1
Fever, intermitten'.....	88	Syphilis.....	76
Fracture.....	2	Tinea, tonsurans.....	2
Fistula.....	3	Tonsillitis.....	49
Furunculosis.....	10	Tumor, albus.....	3
Gastritis.....	3	Ulcer.....	26
Gonorrhœa.....	89	Urticaria.....	5
Hæmoptysis.....	2	Uterus, retroversion.....	2
Hæmorrhoids.....	17	Uterus, prolapse.....	7
Heart disease.....	2	Vertigo.....	6
Hemicrania.....	1	Wound, bullet.....	3
Hepatitis.....	8	Wound, contused.....	17
Hernia, inguinal.....	5	Wound, incised.....	23
Herpes.....	4		
Hydrocele.....	1	Total.....	1,451
Hydrops.....	2		
Sent to the Commissioners of Insanity..... 6			
Sent to the City and County Hospital..... 6			
Died—suicide (by strangulation)..... 1			

COUNTY JAIL.

Abscess.....	9	Hysteria.....	5
Alcoholism.....	58	Iritis.....	3
Amenorrhœa.....	1	Insanity.....	3
Anæmia.....	4	Leucorrhœa.....	10
Anthrax.....	7	Leprosy.....	1
Bronchitis.....	48	Lumbago.....	6
Bubo.....	3	Lupus.....	2
Burns.....	4	Neuralgia.....	46
Caries.....	2	Nephritis.....	7
Condylomata.....	5	Onychia.....	6
Conjunctivitis.....	13	Opium effects of.....	16
Debility.....	10	Oorchitis.....	5
Diabetes.....	3	Otitis.....	4
Delirium tremens.....	16	Parotitis.....	5
Diphtheritis.....	2	Paralysis.....	4
Diarrhœa.....	5	Pertussis.....	1
Dislocation.....	2	Phimosis.....	4
Dysentery.....	7	Phthisis, pulmonalis.....	28
Dyspepsia.....	40	Pleurisy.....	17
Ecsema, syphillis.....	13	Pneumonia.....	7
Enteritis.....	3	Prolapsus uteri.....	2
Epididymitis.....	2	Psoriasis.....	12
Epilepsy.....	11	Rheumatism.....	48
Erysipelas.....	12	Scabies.....	1
Fever, intermittent.....	50	Scrofula.....	20
Fistula.....	7	Spermatorrhœa.....	5
Fracture.....	3	Sprain.....	11
Furunculus.....	5	Stricture of urethra.....	3
Gastritis.....	3	Syphillis.....	56
Gonorrhœa.....	50	Tumor, albus.....	1
Heart disease.....	5	Tonsillitis.....	14
Hæmoptysis.....	4	Ulcer.....	21
Hæmorrhoids.....	3	Wound, contused.....	10
Hernia, inguinal.....	2	Wound, incised.....	15
Hepatitis.....	7		
Herpes.....	2	Total.....	817
Sent to the City and County Hospital.....			4
Sent to the Twenty-sixth Street Hospital.....			1
Sent to the Commissioners of Insanity.....			3
Died (by lawful execution).....			1

AUTOPSIES MADE FROM JULY 1, 1883, TO JULY 1, 1884.

Total number made.....	166
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SEX.

Males.....	134
Females.....	52
Total.....	166

RACE.

Caucasian.....	155
Ethiopian.....	3
Mongolian.....	8
Total.....	166

NATIVITY.

UNITED STATES.

Carolina.....	2	New York.....	8
California.....	6	Ohio.....	2
Florida.....	1	Pennsylvania.....	3
Massachusetts.....	9	Virginia.....	4
Maine.....	5	Vermont.....	2
Maryland.....	2	Total.....	45
Michigan.....	1		

FOREIGNERS.

Australia.....	2	Mexico.....	4
Canada.....	2	Norway.....	3
China.....	3	Nova Scotia.....	2
Chile.....	1	Portugal.....	1
Denmark.....	2	Prussia.....	1
England.....	7	Scotland.....	2
France.....	6	Switzerland.....	2
Germany.....	2	Sweden.....	2
Greece.....	1	West Indies.....	1
Hungary.....	1	Total.....	121
Italy.....	1		
Ireland.....	2		
United States.....	45		
Foreigners.....	121		
Total.....	166		

CLASSIFICATION OF AGES.

Under 5 years.....	2	From 20 to 30.....	20
From 5 to 10.....	3	From 30 and over.....	5
From 10 to 20.....	7	Total.....	164
From 20 to 30.....	20		
From 30 to 40.....	3		

CLASSIFICATION.

69

OCCUPATION.

Artist.....	1	Mining expert.....	1
Barkeeper.....	5	Musician.....	3
Baker.....	1	Nurse.....	1
Barber.....	2	Plumber.....	1
Bookkeeper.....	3	Painter.....	4
Butcher.....	1	Peddler.....	1
Cook.....	10	Physician.....	2
Clerk.....	7	Police officer.....	2
Cooper.....	1	Prostitute.....	1
Carpenter.....	1	Rancher.....	1
Dishwasher.....	2	Real estate agent.....	1
Driver.....	2	Seaman.....	1
Engineer.....	2	Sailor.....	6
Expressman.....	1	Servant.....	1
Fisherman.....	1	Saloon keeper.....	1
Fireman.....	1	Ship carpenter.....	3
Farmer.....	2	Shoemaker.....	3
Gambler.....	1	Soldier.....	1
Hostler.....	7	Stevedore.....	1
House keeper.....	6	Stock raiser.....	2
Janitor.....	1	Tailor.....	3
Journalist.....	3	Unknown.....	10
Laborer.....	41	Waiter.....	3
Laundryman.....	2		
Machinist.....	1	Total.....	166
Merchant.....	8		

CLASSIFICATION OF CAUSES OF DEATH.

Alcoholism.....	16	Knife wound, abdomen.....	6
Anæmia cerebri.....	1	Knife wound, left lung.....	1
Aneurism.....	1	Knife wound, throat.....	1
Apoplexy, cerebral.....	11	Lungs, congestion of.....	7
Apoplexy, meningeal.....	1	Lungs, hemorrhage of.....	8
Apoplexy, pulmonary.....	6	Metro peritonitis (abortion).....	1
Asphyxia.....	1	Nephritis.....	3
Brain, concussion of.....	2	Paralysis.....	1
Brain, congestion of.....	3	Pericarditis.....	3
Cancer of liver.....	1	Peritonitis.....	1
Cerebritis.....	1	Phthisis pulmonalis.....	7
Cerebral hemorrhage.....	1	Pleuritis.....	1
Chronic hepatitis.....	2	Pistol shot wound, chest.....	2
Drowning.....	1	Pistol shot wound, head.....	1
Enteritis.....	1	Pneumonia.....	12
Epilepsy.....	1	Poison, carbolic acid.....	1
Fatty degeneration of heart.....	2	Poison, opium.....	1
Fracture of skull.....	8	Poison, strychnia.....	4
Gunshot wound, body.....	8	Pyæmia.....	4
Heart disease.....	12	Rupture of aneurism.....	3
Hemorrhage, internal.....	3	Strangulation.....	1
Inanition.....	6	Tuberculosis.....	1
Injury from blows.....	1		
Insufficiency of semi-lunar valves.....	5	Total.....	166
Injury from fall.....	2		

REPORT OF THE ASSISTANT CITY PHYSICIAN TO THE CITY
PHYSICIAN.

SIR—I herewith submit to you my report of the number of diseases and accidents treated at the Receiving Hospital from July 1, 1883, to June 30, 1884:

Total number of cases attended..... 3,265

SEX.

Male.....	2,844
Female.....	421
Total	3,265

RACE.

Caucasian.....	3,208
Ethiopian.....	19
Mongolian	38
Total	3,265

EVENT.

Sent to City and County Hospital.....	148
Sent to German Hospital.....	9
Sent to French Hospital.....	3
Sent to St. Mary's Hospital.....	8
Sent to Marine Hospital.....	6
Sent to Home of Inebriates.....	51
Sent to Alms House.....	9
Sent before Commissioners of Insanity	4
Died in Hospital.....	58
Brought dead to the Hospital.....	8
Discharged.....	2,956
Remaining in Hospital.....	5
Total	3,265

DISEASES TREATED AT RECEIVING HOSPITAL.

Anasarca.....	1	Amputations.....	25
Anchylosis.....	1	Bronchitis.....	15
Alcoholism.....	400	Bright's disease.....	1
Asthma.....	10	Bunions.....	1
Apoplexy.....	9	Bullet wounds.....	56
Asphyxia.....	5	Burn of arm	6
Abscess.....	26	Burn of face and hands.....	8

DISEASES TREATED AT RECEIVING HOSPITAL—CONTINUED.

Burn of face and body.....	8	Diarrhoea.....	25
Burn of finger.....	1	Diphtheria.....	1
Burn of hands.....	6	Dislocation, elbow joint.....	4
Burn of neck and hands.....	3	Dislocation, finger.....	2
Burn of legs.....	3	Dislocation, hip.....	1
Burn of shoulder.....	2	Dislocation, jaw.....	2
Burn of wrist.....	2	Dislocation, spine.....	1
Child birth.....	3	Dislocation, shoulder.....	26
Colic.....	127	Dislocation, thumb.....	3
Congestion, brain.....	5	Dislocation, thumb, compound....	3
Congestion, lungs.....	2	Dislocation, wrist.....	6
Concussion, brain.....	3	Erysipelas.....	4
Consumption.....	7	Epilepsy.....	14
Constipation.....	38	Ear ache.....	2
Convulsions.....	4	Fever, intermittent.....	5
Cancer, breast.....	1	Fish bone in throat.....	1
Cancer, vagina.....	1	Fracture, ankle.....	25
Coryza.....	1	Fracture, arm.....	20
Conjunctivitis.....	2	Fracture, arm, compound.....	2
Chills, congestive.....	1	Fracture, clavicle.....	18
Croup.....	2	Fracture, elbow joint.....	5
Contusion, ankle.....	1	Fracture, femur.....	8
Contusion, arm.....	3	Fracture, femur and humerus.....	1
Contusion, body.....	38	Fracture, femur, compound.....	1
Contusion, back.....	2	Fracture, femur, comp. comin.....	1
Contusion, breast.....	2	Fracture, finger.....	13
Contusion, eye.....	18	Fracture, finger, compound.....	3
Contusion, elbow.....	4	Fracture, foot.....	2
Contusion, face.....	8	Fracture, humerus.....	7
Contusion, finger.....	2	Fracture, humerus, compound.....	1
Contusion, foot.....	4	Fracture, hand.....	2
Contusion, hand.....	14	Fracture, infer maxillary.....	6
Contusion, head.....	1	Fracture, patella.....	7
Contusion, hip.....	1	Fracture, knee joint.....	4
Contusion, jaw.....	4	Fracture, malor bone.....	4
Contusion, knee.....	1	Fracture, nose.....	9
Contusion, leg.....	4	Fracture, nose, compound.....	3
Contusion, mouth.....	1	Fracture, pelvis.....	5
Contusion, neck.....	2	Fracture, ribs.....	6
Contusion, nose.....	7	Fracture, wrist.....	18
Contusion, ribs.....	1	Fracture, spine.....	1
Contusion, spine.....	2	Fracture, skull.....	4
Contusion, shoulder.....	4	Fracture, skull, compound.....	1
Contusion scalp.....	3	Fracture, shoulder joint.....	2
Contusion, side.....	1	Fracture, tibia.....	4
Contusion, toe.....	1	Fracture, fibula.....	2
Contusion, temple.....	1	Fracture, tibia and fibula.....	10
Contusion, thigh.....	1	Fracture, tibia and fibula, comp...	4
Dyspepsia.....	4	Fracture, toe.....and fibula, comp...	5
Debility.....	9	Fracture, thumb.....	4
Delirium tremens.....	38	Gonorrhoea.....	6
Dementia.....	18	Gastritis.....	1

DISEASES TREATED AT RECEIVING HOSPITAL—CONCLUDED.

Hemorrhage, brain.....	3	Sprain, shoulder.....	32
Hemorrhage, lungs.....	3	Sprain, shoulder joint.....	1
Hemorrhage, nose.....	8	Sprain, thumb.....	13
Hematuria.....	1	Sprain, wrist.....	30
Hysteria.....	14	Tonsillitis.....	9
Heart disease.....	2	Toothache.....	14
Insanity.....	11	Teeth extracted.....	8
Indigestion.....	4	Ulcer, leg.....	1
Kidney disease.....	2	Varicose vein.....	9
Lumbago.....	1	Wound, ankle.....	2
Morphine habit.....	11	Wound, arm.....	44
Milk breast.....	1	Wound, abdomen.....	13
Neuralgia.....	4	Wound, back.....	8
Orethritis.....	4	Wound, body.....	6
Obstruction in throat.....	1	Wound, breast.....	14
Paralysis.....	5	Wound, buttock.....	4
Pleurisy.....	2	Wound, ear.....	20
Pharyngitis.....	1	Wound, eye.....	147
Pneumonia.....	1	Wound, elbow.....	7
Poisoning, arsenic.....	4	Wound, face.....	75
Poisoning, oil lansy.....	1	Wound, finger.....	161
Poisoning, carbolic acid.....	1	Wound, forehead.....	86
Poisoning, morphine.....	4	Wound, foot.....	12
Poisoning, strychnia.....	4	Wound, groin.....	2
Poisoning, opium.....	8	Wound, hand.....	124
Poisoning, 'audanum.....	6	Wound, hip.....	11
Rheumatism.....	24	Wound, heart.....	1
Rape, examined.....	1	Wound, knee.....	10
Rupture.....	1	Wound, leg.....	33
Stricture, urethral.....	15	Wound, lip.....	38
Submersion.....	40	Wound, mouth.....	1
Strangulation.....	3	Wound, neck.....	12
Suffocation.....	2	Wound, nose.....	29
Spinal disease.....	2	Wound, penis.....	1
Syphilis.....	8	Wound, shoulder.....	10
Syphilis, secondary.....	4	Wound, side.....	10
Syphilis, tertiary.....	1	Wound, scalp.....	440
Sprain, ankle.....	55	Wound, temple.....	10
Sprain, arm.....	6	Wound, toe.....	16
Sprain, back.....	4	Wound, throat.....	5
Sprain, elbow.....	8	Wound, tongue.....	12
Sprain, finger.....	6	Wound, thigh.....	6
Sprain, foot.....	6	Wound, thumb.....	34
Sprain, hand.....	8	Wound, wrist.....	54
Sprain, hip.....	6		
Sprain, knee.....	20	Total.....	3,285
Sprain, leg.....	2		

CLASSIFICATION OF CAUSES OF DEATH.

Alcoholism	4	Hemorrhage, lungs.....	1
Apoplexy	5	Suicide, arsenic.....	1
Asphyxia (coal gas).....	2	Suicide, poison	2
Asthma	1	Suicide, morphine.....	3
Burn, arm, legs and body ..	2	Suicide, laudanum.....	2
Congestion, brain.....	5	Suicide, opium.....	1
Concussion, brain.....	3	Suicide, gunshot wound.....	2
Congestion, lungs.....	2	Suicide, throat cut.....	1
Consumption	1	Suicide, arsenic and phos.....	1
Epilepsy	1	Submersion.....	1
Fracture, skull.....	4	Throat cut.....	2
Fracture, skull and hem. brain.....	2	Street car accident.....	1
Fracture, spine.....	1	Railroad accident.....	1
Gunshot wound.....	2		
Hemorrhage, brain.....	4	Total.....	58

Respectfully submitted,

FRANK H. DENNIS, M. D.,

Assistant City Physician and Police Surgeon.



