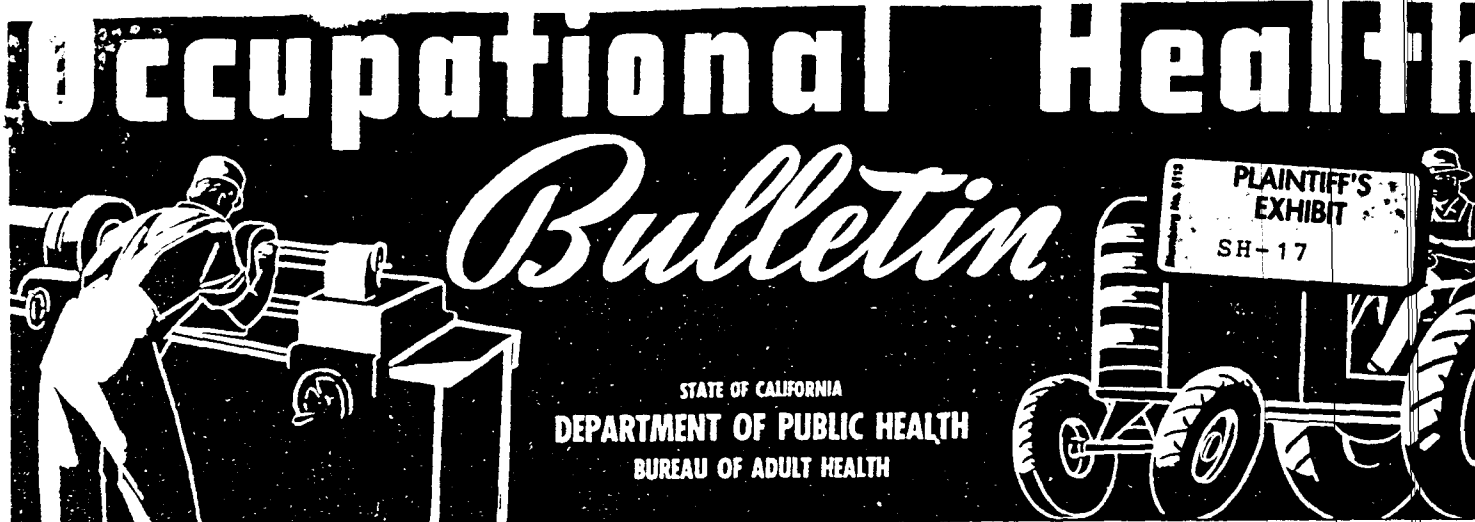




STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC HEALTH
BUREAU OF ADULT HEALTH

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2054 UNIVERSITY AVENUE
BERKELEY 4, CALIFORNIA

OCCUPATIONAL DISEASES: CALIFORNIA, 1950

ANNUAL REPORT

SUMMARY

Reported cases of diseases attributable to occupational exposure totaled 12,245 during 1950. Of the total number reported, 33% resulted in lost time (absence beyond the day of injury), 5% in no lost time, and in 10% it was not clear from the report whether or not lost time occurred.

54% of all cases reported were diseases of the skin. Half of these were due to poison oak and an almost equally large proportion were caused by contact with oils, greases and solvents. Diseases of the eye made up 14% of the total; nearly all of these were conjunctivitis and ophthalmia caused by welding arc flash burns. Diseases of the bones and organs of movement accounted for 14% of the total. These were mainly synovitis, bursitis and tenosynovitis.

The leading occupational hazards which were responsible for these diseases were plant and animal products (mainly poison oak) which caused 36% of the total, repeated motion, pressure and sudden shock which caused 19%, and radiation (mainly welding arc flash burns) which caused 14%. Many old and well-known hazards such as lead, mercury, carbon monoxide, carbon tetrachloride and silica continued to be reported, as well as relatively newer agents such as beryllium and the newer agricultural chemicals.

35% of all occupational diseases occurred among workers in manufacturing. 15% affected agricultural workers and 14% affected construction workers.

Occupational diseases were reported from all counties except Alpine. Los Angeles County accounted for 34% of the total, San Francisco for 6%, Alameda for 5% and Santa Clara for 4%.

Occupational disease fatalities numbered 85. The distribution of these deaths by cause shows that almost half were due to heart disease. It is significant to note that such preventable diseases as pneumoconioses caused 27 deaths or 32% of the total. In addition there were two deaths from berylliosis.

SOURCE AND
LIMITATIONS
OF DATA

Physicians in California who attend an injured employee covered by the State Workmen's Compensation Act are required under Section 6407 of the Labor Code to report to the State Department of Industrial Relations all occupational injuries which cause absence from work beyond the day of injury. The Division of Labor Statistics and Research of the Department of Industrial Relations prepares statistics and reports on injuries due to industrial accidents. In accordance with an interagency agreement, the Bureau of Adult Health of the Department of Public Health reviews and analyzes the occupational disease reports.

The use of these reports is a valuable aid in evaluating the occupational health problem in the State, and in determining which areas and which industries have the greatest need for preventive health services. However, the reporting system is limited by the facts that (1) The California Workmen's Compensation Act does not cover maritime workers, federal employees, railroad workers in interstate commerce, and workers employed by farmers who elect not to be covered. (2) Only a first report is now required and this covers only the preliminary findings made by the physician and does not in all cases reflect the final diagnosis. Also the report gives only the estimated amount of lost time, resulting in some inaccuracy as to the length of disability.

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Table 1
REPORTED CASES OF OCCUPATIONAL DISEASES¹ BY DISEASE GROUP AND LOST TIME STATUS
CALIFORNIA, 1950

D I S E A S E G R O U P	Total	L O S T T I M E S T A T U S		
		Lost time	No lost time	Not stated
Total, All Diseases	12,245	4,052	6,956	1,237
Infective and Parasitic Diseases ² , Total	205	57	112	36
Brucellosis	18	10	1	7
Other infective and parasitic diseases	187	47	111	29
Diseases of the Eye, Total	1,726	596	968	162
Conjunctivitis and ophthalmia due to welding flash burns	1,672	571	946	155
Other conjunctivitis and ophthalmia	51	23	21	7
Non-inflammatory diseases and conditions of the eye	3	2	1	-
Diseases of the Ear	38	13	21	4
Diseases of the Respiratory System, Total	331	149	132	50
Acute upper respiratory infection	60	21	31	8
Influenza, pneumonia and bronchitis	160	82	51	27
Silicosis and other pneumoconioses	9	6	1	2
Other and unspecified diseases of the respiratory system	102	40	49	13
Diseases of the Skin, Total	6,615	1,724	4,219	672
Occupational dermatitis due to oils, greases, solvents and chemicals	2,723	790	1,635	298
Occupational dermatitis due to poison oak	3,302	737	2,239	326
Other diseases of the skin	590	197	345	48
Diseases of the Bones and Organs of Movement, Total	1,703	795	774	134
Synovitis, bursitis and tenosynovitis	1,496	723	659	114
Other diseases of the bones and organs of movement	207	72	115	20
Systemic Effects of Industrial Poisons, Total	339	166	103	70
Poisoning by industrial solvents	23	12	10	1
Poisoning by lead and its compounds	65	28	18	19
Poisoning by carbon monoxide	27	16	8	3
Poisoning by other industrial compounds	224	110	67	47
Effects of Poisoning by Other Substances ³	620	218	351	51
Effects of Weather, Exposure and Related Conditions, Total	273	189	57	27
Heat and insolation	246	179	47	20
Other effects	27	10	10	7
Burns ⁴ , Total	234	85	133	16
Chemical burns	231	83	132	16
Other burns	3	2	1	-

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Table 1 (continued)
REPORTED CASES OF OCCUPATIONAL DISEASES¹ BY DISEASE GROUP AND LOST TIME STATUS
CALIFORNIA, 1950

D I S E A S E G R O U P	Total	L O S T T I M E S T A T U S		
		Lost time	No lost time	Not stated
Neoplasms, Total	6	2	3	1
Malignant	3	2	1	—
Benign	3	—	2	1
Allergic Disorders ⁵	79	35	41	3
Diseases of the Circulatory System	10	9	1	—
Diseases of the Genito-Urinary System	2	2	—	—
Symptoms Referable to Systems or Organs, and Ill-defined Conditions	31	8	20	3
Prophylactic Treatment (Tetanus and rabies) and Medical Examination Without Sickness	28	1	20	7
Not specified	5	3	1	1

¹ Diseases attributable to occupational exposure. Excludes diseases of employees not covered by the California Workmen's Compensation Act, such as maritime workers, railroad workers in interstate commerce, and workers employed by farmers who elect not to be covered.

² In addition to these cases, the Acute Communicable Disease Service of the State Department of Public Health received reports of 1 case of anthrax, 3 cases of psittacosis, 4 cases of tetanus and 36 cases of brucellosis attributed to occupational exposure, as well as 41 cases of silico-tuberculosis.

³ These include effects of poisoning by pharmaceuticals, venom and other unspecified substances; they are mainly effects of insect bites or stings.

⁴ These consist only of burns arising from repeated exposures, mainly from chemicals. Burns from heat, fires or explosions are reported in the accident statistics of the Department of Industrial Relations.

⁵ This includes urticaria, asthma, angioneurotic edema, allergic rhinitis and conjunctivitis, and unspecified allergic disorders.

Source: State of California. Department of Industrial Relations, Doctor's First Report of Work Injury. Statistics compiled by State Department of Public Health, Bureau of Adult Health.

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Table 2
REPORTED CASES OF OCCUPATIONAL DISEASES¹ BY AMOUNT OF LOST TIME AND DISEASE GROUP
CALIFORNIA, 1950

D I S E A S E G R O U P	Total	E S T I M A T E D L O S T T I M E ⁴								Available for mod- ified work
		No lost time	1-6 days	7-14 days	15-28 days	29-182 days	183-364 days	365 days and over	Not stated	
Total, All Diseases	12,245	6,956	1,729	1,555	388	211	3	9	1,237	157
Infective and Parasitic Diseases	205	112	5	18	12	14	1	2	36	5
Diseases of the Eye, Total	<u>1,726</u>	<u>968</u>	<u>509</u>	<u>73</u>	<u>3</u>	<u>2</u>	-	-	<u>162</u>	<u>9</u>
Conjunctivitis and ophthalmia due to welding flash burns	1,672	946	487	70	3	2	-	-	155	9
Other diseases of the eye	54	22	22	3	-	-	-	-	7	-
Diseases of the Ear	38	21	6	7	-	-	-	-	4	-
Diseases of the Respiratory System	331	132	63	41	12	25	-	4	50	4
Diseases of the Skin, Total	<u>6,615</u>	<u>4,219</u>	<u>569</u>	<u>807</u>	<u>177</u>	<u>82</u>	<u>1</u>	<u>1</u>	<u>672</u>	<u>87</u>
Occupational dermatitis due to poison oak	3,302	2,239	306	363	28	5	-	-	326	35
Other diseases of the skin	3,313	1,980	263	444	149	77	1	1	346	52
Diseases of the Bones and Organs of Movement, Total	<u>1,703</u>	<u>774</u>	<u>178</u>	<u>388</u>	<u>144</u>	<u>56</u>	-	-	<u>134</u>	<u>29</u>
Synovitis, bursitis and tenosynovitis	1,496	659	162	349	135	50	-	-	114	27
Other diseases of the bones and organs of movement	207	115	16	39	9	6	-	-	20	2
Systemic Effects of Industrial Poisons	339	103	88	48	12	14	-	-	70	4
Effects of Poisoning by Other Substances ²	620	351	137	57	9	3	-	-	51	12
Effects of Weather, Exposure and Related Conditions, Total	<u>273</u>	<u>57</u>	<u>120</u>	<u>56</u>	<u>8</u>	<u>4</u>	-	-	<u>27</u>	<u>1</u>
Heat and insolation	246	47	118	50	7	3	-	-	20	1
Other effects	27	10	2	6	1	1	-	-	7	-
Burns ³	234	133	37	41	5	-	-	-	16	2
Other Specified Causes	156	85	16	18	5	11	1	2	14	4
Not Specified	5	1	1	1	1	-	-	-	1	-

¹ Diseases attributable to occupational exposure. Excludes diseases of employees not covered by the California Workmen's Compensation Act, such as maritime workers, railroad workers in interstate commerce, and workers employed by farmers who elect not to be covered.

² These include effects of poisoning by pharmaceuticals, venom and other and unspecified substances. They are mainly effects of insect bites or stings.

³ These consist only of burns arising from repeated exposures, mainly from chemicals. Burns from heat, fires and explosions are reported in the accident statistics of the Department of Industrial Relations.

⁴ These figures are based on the Doctor's First Report of Work Injury and therefore are estimates only.

Source: State of California, Department of Industrial Relations, Doctor's First Report of Work Injury. Statistics compiled by State Department of Public Health, Bureau of Adult Health.

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Table 3
REPORTED CASES OF OCCUPATIONAL DISEASES¹ BY AGENCY OF INJURY AND LOST TIME STATUS
CALIFORNIA, 1950

AGENCY OF INJURY	Total	LOST TIME STATUS		
		Lost time	No lost time	Not stated
Total, All Agencies	12,245	4,052	6,956	1,237
Acids	96	20	68	8
Alcohols	2	-	1	1
Aldehydes	4	1	2	1
Alkaline Compounds, Total	799	296	405	98
Caustics	27	11	12	4
Cements	200	70	103	27
Cleaning compounds	70	31	30	9
Soaps	308	104	161	43
Other and unspecified	194	80	99	15
Coal Tar and Aniline Products	106	44	41	21
Cyanides	18	6	12	-
Dusts, Total	322	86	194	42
Non siliceous	5	1	2	2
Organic	188	49	116	23
Asbestos	4	4	-	-
Silica	9	4	3	2
Silicate	116	28	73	15
Dyes and Inks	45	9	32	4
Environmental Factors	481	268	157	56
Gases, Total	152	64	67	21
Carbon monoxide	31	19	9	3
Chlorine	34	12	14	8
Hydrogen sulphide	6	4	2	-
Ammonia	32	10	19	3
Carbon dioxide	4	-	4	-
Sulphur dioxide	12	4	6	2
Other and unspecified	33	15	13	5
Halogenated Hydrocarbon	41	12	14	15
Infections	191	65	98	28
Medicines and Pharmaceuticals	6	3	3	-

Table 3 (continued)
 REPORTED CASES OF OCCUPATIONAL DISEASES¹ BY AGENCY OF INJURY AND LOST TIME STATUS
 CALIFORNIA, 1950

AGENCY OF INJURY	Total	LOST TIME STATUS		
		Lost time	No lost time	Not stated
Metals, Total	282	85	162	35
Arsenic	19	9	10	-
Cadmium	2	1	1	-
Chromium	18	1	13	4
Lead	74	30	26	18
Mercury	2	1	1	-
Iron and steel	6	1	4	1
Zinc	24	6	16	2
Aluminum	10	1	7	2
Sulphur	30	9	20	1
Other and unspecified	97	26	64	7
Oils, Fats, Waxes	10	2	7	1
Organic Chemicals	356	142	170	44
Organic Solvents	272	65	184	23
Paints and Varnishes	119	35	69	15
Petroleum Products	262	57	175	30
Plant and Animal Products, Total	4,366	1,118	2,829	419
Poison oak	3,382	753	2,296	333
Other plant and animal products	984	365	533	86
Radiation, Total	1,724	597	965	162
Welding arc	1,669	569	945	155
Sunburn and other actinic radiation	52	27	19	6
X-ray	1	1	-	-
Radio active materials	2	-	1	1
Repeated Motion, Pressure, Sudden Shock	2,290	991	1,124	175
Salts, Inorganic	18	7	10	1
Other and Unspecified	283	79	167	37

¹ Diseases attributable to occupational exposures. Excludes diseases of employees not covered by the California Workmen's Compensation Act, such as maritime workers, railroad workers in interstate commerce, and workers employed by farmers who elect not to be covered.

Source: State of California, Department of Industrial Relations, Doctor's First Report of Work Injury. Statistics compiled by State Department of Public Health, Bureau of Adult Health.

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Table 4
REPORTED CASES OF OCCUPATIONAL DISEASES¹ BY INDUSTRY AND LOST TIME STATUS
CALIFORNIA, 1950

I N D U S T R Y	Total	LOST TIME STATUS		
		Lost time	No lost time	Not stated
Total, All Industries	12,245	4,052	6,956	1,237
Agriculture, Forestry and Fishing	1,823	723	925	175
Mining and Quarrying	65	38	25	2
Construction	1,770	592	989	189
Manufacturing, Total	4,273	1,371	2,501	401
Food and kindred products	1,027	426	504	97
Tobacco manufacturers	1	-	1	-
Textile mill products	44	14	24	6
Apparel	49	13	32	4
Lumber and wood products	471	161	267	43
Furniture and fixtures	97	28	59	10
Paper and allied products	64	17	43	4
Printing and publishing	49	13	31	5
Chemicals	200	66	106	28
Petroleum products	215	55	150	10
Rubber products	41	4	35	2
Leather and leather products	30	11	15	4
Stone, clay and glass products	259	82	143	34
Primary metal industries	352	90	227	35
Fabricated metal products	382	103	233	46
Machinery, except electrical	225	70	142	13
Electrical machinery	348	104	223	21
Transportation Equipment	253	75	153	25
Professional and scientific instruments	65	14	45	6
Miscellaneous manufacturing industries	101	25	68	8
Transportation, Communication and Utilities, Total	644	191	393	60
Transportation	215	68	123	24
Communication	76	14	57	5
Utilities	353	109	213	31
Trade	747	267	306	94
Finance, Insurance and Real Estate	69	21	42	6
Service Industries	965	293	455	117
Government	1,399	388	866	145
Establishments Unknown	590	168	374	46

¹ Diseases attributable to occupational exposure. Excludes diseases of employees not covered by the California Workmen's Compensation Act, such as maritime workers, railroad workers in interstate commerce, and workers employed by farmers who elect not to be covered.

Source: State of California, Department of Industrial Relations. Doctor's First Report of Work Injury. Statistics compiled by State Department of Public Health, Bureau of Adult Health.

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Table 5
REPORTED CASES OF OCCUPATIONAL DISEASES¹ BY AMOUNT OF LOST TIME AND INDUSTRY GROUP
CALIFORNIA, 1950

INDUSTRY GROUP	Total	ESTIMATED LOST TIME ²								Available for modi- fied work
		No lost time	1-6 days	7-14 days	15-28 days	29-182 days	183-364 days	365 days and over	Not stated	
Total, All Industries	12,245	6,956	1,729	1,555	388	211	3	9	1,237	157
Agriculture, Forestry and Fishing	1,823	925	283	334	57	27	-	1	175	21
Mining and Quarrying	65	25	28	5	1	3	-	-	2	1
Construction	1,770	989	267	221	48	24	-	1	189	31
Manufacturing	4,273	2,501	608	494	141	74	-	4	401	50
Transportation, Communication and Utilities	644	393	112	61	10	5	-	-	60	3
Trade	747	386	68	105	46	32	1	1	94	14
Finance, Insurance and Real Estate	69	42	11	6	2	1	-	-	6	1
Service Industries	865	455	87	108	42	33	1	1	117	21
Government	1,399	866	169	169	27	10	1	-	145	12
Establishments Unknown	590	374	96	52	14	2	-	1	48	3

¹ Diseases attributable to occupational exposure. Excludes diseases of employees not covered by the California Workmen's Compensation Act, such as maritime workers, railroad workers in interstate commerce, and workers employed by farmers who elect not to be covered.

² These figures are based on the Doctor's First Report of Work Injury and therefore are estimates only.

Source: State of California, Department of Industrial Relations, Doctor's First Report of Work Injury. Statistics compiled by State Department of Public Health, Bureau of Adult Health.

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Table 6
REPORTED CASES OF OCCUPATIONAL DISEASES¹ BY DISEASE GROUP AND MAJOR INDUSTRY GROUP
CALIFORNIA, 1950

D I S E A S E G R O U P	Total	I N D U S T R Y G R O U P									
		Agri- culture	Mining and quarrying	Con- struction	Manu- facturing	Transpor- tation, communi- cation and utilities	Trade	Finance, insurance and real estate	Service	Govern- ment	Not stated
Total, All Diseases	12,245	1,823	65	1,770	4,273	644	747	69	865	1,399	590
Infective and Parasitic Diseases, Total	205	92	1	5	40	3	12	1	33	14	4
Brucellosis	18	4	-	-	12	-	1	-	-	1	-
Other infective and parasitic diseases	187	88	1	5	28	3	11	1	33	13	4
Diseases of the Eye, Total	1,726	66	33	260	947	96	31	-	68	69	156
Conjunctivitis and ophthalmia due to welding flash burns	1,672	65	33	256	926	92	23	-	58	64	155
Other conjunctivitis and ophthalmia	51	1	-	4	19	4	8	-	9	5	1
Non-inflammatory diseases and conditions of the eye	3	-	-	-	2	-	-	-	1	-	-
Diseases of the Ear	38	-	-	2	13	12	1	1	4	4	1
Diseases of the Respiratory System, Total	331	39	3	22	129	19	19	3	32	50	15
Acute upper respiratory infection	60	3	-	6	28	2	4	-	7	5	5
Influenza, pneumonia, bronchitis	160	23	2	12	49	11	10	1	13	35	4
Silicosis and other pneumoconioses	9	1	-	-	5	-	-	-	2	-	1
Other and unspecified diseases of the respiratory system	102	12	1	4	47	6	5	2	10	10	5
Diseases of the Skin, Total	6,615	1,135	14	1,030	1,757	404	460	39	487	1,028	261
Occupational dermatitis due to oils, greases, solvents and chemicals	2,723	408	4	221	1,205	65	367	11	246	87	109
Occupational dermatitis due to poison oak	3,302	602	8	760	346	317	24	24	187	892	142
Other diseases of the skin	590	125	2	49	206	22	69	4	54	49	10
Diseases of the Bones and Organs of Movement, Total	1,703	151	3	226	875	44	140	13	133	43	75
Synovitis, bursitis and tenosynovitis	1,496	127	3	213	764	39	120	11	113	36	70
Other diseases of bones and organs of movement	207	24	-	13	111	5	20	2	20	7	5
Systemic Effects of Industrial Poisons, Total	339	5	4	28	174	10	14	3	21	71	9
Poisoning by industrial solvents	23	-	-	2	14	2	-	-	5	-	-
Poisoning by lead and its compounds	65	-	1	6	56	-	-	-	-	1	1
Poisoning by carbon monoxide	27	-	1	1	11	4	3	-	2	4	1
Poisoning by other industrial poisons	224	5	2	19	93	4	11	3	14	66	7
Effects of Poisoning by Other Substances ²	620	212	4	71	122	26	27	4	40	74	40

Table 6 (continued)
REPORTED CASES OF OCCUPATIONAL DISEASES¹ BY DISEASE GROUP AND MAJOR INDUSTRY GROUP
CALIFORNIA, 1950

D I S E A S E G R O U P	Total	I N D U S T R Y G R O U P									
		Agri- culture	Mining and quarrying	Con- struction	Manu- facturing	Transpor- tation, communi- cation and utilities	Trade	Finance, insurance and real estate	Service	Govern- ment	Not stated
Effects of Weather, Exposure and Related Conditions, Total	273	65	2	57	69	10	15	1	13	28	13
Heat and insolation	246	62	2	54	65	6	13	-	7	25	12
Other effects	27	3	-	3	4	4	2	1	6	3	1
Burns ³ , Total	234	21	-	60	84	6	20	1	22	12	8
Chemical burns	231	21	-	60	81	6	20	1	22	12	8
Other burns	3	-	-	-	3	-	-	-	-	-	-
Neoplasms, Total	6	1	-	1	1	-	-	-	-	2	1
Malignant	3	1	-	-	-	-	-	-	-	1	1
Benign	3	-	-	1	1	-	-	-	-	1	-
Allergic Disorders ⁴	79	14	1	4	31	10	8	2	4	1	4
Diseases of the Circulatory System	10	5	-	1	-	1	-	-	2	1	-
Diseases of the Genito-Urinary System	2	1	-	1	-	-	-	-	-	-	-
Symptoms Referable to Systems or Organs and Ill-defined Conditions	31	4	-	2	18	1	-	1	2	1	2
Prophylactic Treatment (tetanus and rabies) and Medical Examination Without Sickness	28	10	-	-	11	2	-	-	3	1	1
Not Specified	5	2	-	-	2	-	-	-	1	-	-

¹ Diseases attributable to occupational exposure. Excludes diseases of employees not covered by the California Workmen's Compensation Act, such as maritime workers, railroad workers in interstate commerce and workers employed by farmers who elect not to be covered.

² These include effects of poisoning by pharmaceuticals, venom and other and unspecified substances; they are mainly effects of insect bites or stings.

³ These consist only of burns arising from repeated exposures, mainly from chemicals. Burns from heat, fires or explosions are reported in the accident statistics of the Department of Industrial Relations.

⁴ This includes urticaria, asthma, angioneurotic edema, allergic rhinitis and conjunctivitis, and unspecified allergic disorders.

Source: State of California, Department of Industrial Relations, Doctor's First Report of Work Injury. Statistics compiled by State Department of Public Health, Bureau of Adult Health.

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Table 7
REPORTED CASES OF OCCUPATIONAL DISEASES¹ BY DISEASE GROUP
CALIFORNIA COUNTIES², 1950

DISEASE GROUP	Total	Alameda	Amador	Butte	Calaveras	Colusa	Contra Costa	Del Norte	El Dorado	Fresno	Glenn	Humboldt	Imperial	Inyo	Kern	Kings	Lake	Lassen	Los Angeles	Madera	Marin	Mariposa	Mendocino	Merced	Modoc	Monro	Monterey	Napa	Nevada
Total, All Diseases	12,245	632	27	149	40	57	267	40	83	379	9	219	65	11	283	45	29	25	4,233	35	46	7	147	114	8	1	196	98	40
Infective and Parasitic Diseases	205	6	-	2	-	-	-	-	-	8	-	-	-	-	72	-	-	2	46	1	1	-	-	-	-	-	3	1	-
Diseases of the Eye, Total	1,726	95	3	12	3	3	56	1	4	63	1	19	17	2	55	6	1	7	791	9	2	-	18	11	2	-	20	7	1
Conjunctivitis and ophthalmia due to welding flash burns	1,672	89	3	11	3	3	56	1	4	57	1	19	17	2	54	6	-	7	776	9	2	-	18	11	2	-	20	7	1
Other diseases of the eye	54	6	-	1	-	-	-	-	-	6	-	-	-	-	1	-	1	-	15	-	-	-	-	-	-	-	-	-	-
Diseases of the Ear	38	5	-	1	-	-	-	1	-	1	-	1	-	-	-	-	-	1	20	-	1	-	-	-	-	-	-	-	-
Diseases of the Respiratory System	331	15	-	5	1	1	5	1	2	12	1	2	2	1	12	3	-	2	126	4	-	-	1	5	-	-	3	4	2
Diseases of the Skin, Total	6,615	325	22	97	27	44	141	37	60	170	6	160	16	1	74	20	20	6	2,076	12	37	4	102	56	4	1	133	66	28
Occupational dermatitis due to poison oak	3,302	169	20	59	26	31	47	15	47	58	1	130	-	-	8	2	16	-	749	8	30	1	89	6	-	-	68	54	28
Other diseases of the skin	3,313	156	2	38	1	13	94	22	13	112	5	30	16	1	66	18	4	6	1,327	4	7	3	13	50	4	1	65	12	-
Diseases of the Bones and Organs of Movement, Total	1,703	127	-	11	1	4	33	-	8	52	1	30	-	3	32	4	2	5	692	3	5	1	13	4	-	-	19	9	4
Synovitis, bursitis and tenosynovitis	1,496	114	-	10	1	2	29	-	7	46	1	27	-	3	29	4	2	4	588	3	5	-	13	3	-	-	14	8	4
Other diseases of the bones and organs of movement	207	13	-	1	-	2	4	-	1	6	-	3	-	-	3	-	-	1	104	-	-	1	-	1	-	-	5	1	-
Systemic Effects of Industrial Poisons	339	13	-	3	-	-	10	-	2	3	-	2	2	2	4	-	-	-	108	-	-	-	-	2	-	-	1	4	2
Effects of Poisoning by Other Substances ³	620	14	2	10	1	2	11	-	2	44	-	3	12	-	16	4	2	2	152	3	-	-	6	22	1	-	8	4	2
Effects of Weather, Exposure and Related Conditions, Total	273	5	-	5	7	1	5	-	3	18	-	1	14	-	7	7	3	-	63	1	-	1	7	7	-	-	2	1	-
Heat and insolation	246	4	-	5	7	1	5	-	3	18	-	1	14	-	6	6	2	-	58	1	-	-	5	7	-	-	2	1	-
Other effects	27	1	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	-	5	-	-	1	2	-	-	-	-	-	-
Burns ⁴	234	17	-	2	-	2	4	-	1	4	-	-	2	1	8	-	-	-	93	2	-	-	-	3	-	-	4	2	1
Other Specified Causes	156	9	-	1	-	-	2	-	1	4	-	1	-	1	2	1	1	-	66	-	-	1	-	4	1	-	3	-	-
Not Specified	5	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 7 (continued)
REPORTED CASES OF OCCUPATIONAL DISEASES¹ BY DISEASE GROUP
CALIFORNIA COUNTIES², 1950

DISEASE GROUP	Orange	Placer	Plumas	Riverside	Sacramento	San Benito	San Bernardino	San Diego	San Francisco	San Joaquin	San Luis Obispo	San Mateo	Santa Barbara	Santa Clara	Santa Cruz	Shasta	Sierra	Siskiyou	Solano	Sonoma	Stanislaus	Sutter	Tehama	Trinity	Tulare	Tuolumne	Ventura	Yolo	Yuba	Not Stated
Total, All Diseases	208	47	24	141	230	33	212	317	744	303	73	257	316	519	176	133	5	48	53	208	206	39	28	12	208	18	287	58	55	2
Infective and Parasitic Diseases	4	-	-	2	1	-	2	4	5	3	-	6	4	2	1	-	-	-	5	5	8	1	1	-	4	-	1	4	-	-
Diseases of the Eye, Total	26	3	7	13	27	2	28	29	140	28	5	30	13	35	5	12	1	8	3	17	16	5	1	1	28	1	21	2	5	-
Conjunctivitis and ophthalmia due to welding flash burns	26	2	7	13	25	2	26	28	129	28	4	29	12	35	5	12	1	8	3	16	15	5	1	1	27	1	21	7	4	-
Other diseases of the eye	-	1	-	-	2	-	2	1	11	-	1	1	1	-	-	-	-	-	-	1	1	-	-	-	1	-	-	1	-	-
Diseases of the Ear	-	-	-	-	-	-	3	1	1	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diseases of the Respiratory System	9	1	1	5	5	1	5	12	22	7	2	6	4	6	6	3	-	1	1	2	3	-	-	1	6	1	6	3	2	-
Diseases of the Skin, Total	95	33	8	52	137	21	91	197	303	178	59	139	267	343	132	90	3	23	34	131	99	22	21	8	84	14	225	25	35	1
Occupational dermatitis due to poison oak	39	22	3	16	59	14	27	83	193	73	49	109	223	226	76	73	1	9	16	90	2	4	13	6	21	12	148	9	23	1
Other diseases of the skin	56	11	5	36	78	7	64	114	110	105	10	30	44	117	56	17	2	14	18	41	97	18	8	2	63	2	77	16	12	-
Diseases of the Bones and Organs of Movement, Total	31	6	4	34	37	2	26	35	141	42	5	35	11	78	18	3	1	6	5	25	40	1	-	1	27	-	16	5	4	1
Synovitis, bursitis and tenosynovitis	25	6	3	33	31	2	24	32	128	35	5	32	11	74	15	2	1	6	5	25	38	-	-	1	23	-	12	5	4	1
Other diseases of the bones and organs of movement	6	-	1	1	6	-	2	3	13	7	-	3	-	4	3	1	-	-	-	-	2	1	-	-	4	-	4	-	-	-
Systemic Effects of Industrial Poisons	7	1	1	2	4	-	22	4	83	6	-	8	4	10	3	2	-	1	-	6	4	-	-	-	5	-	3	5	-	-
Effects of Poisoning by Other Substances ³	20	2	-	18	9	3	17	17	24	19	1	17	7	19	8	10	-	7	4	10	20	2	3	-	38	-	12	3	7	-
Effects of Weather, Exposure and Related Conditions, Total	2	-	-	6	6	2	12	2	7	13	-	3	2	4	1	10	-	2	-	8	8	8	2	1	11	1	-	3	1	-
Heat and insolation	2	-	-	5	5	2	12	2	5	11	-	3	2	-	-	10	-	2	-	6	8	7	1	1	11	1	-	3	1	-
Other effects	-	-	-	1	1	-	-	-	2	2	-	-	-	4	1	-	-	-	-	2	-	1	1	-	-	-	-	-	-	-
Burns ⁴	9	-	3	4	3	2	3	9	14	4	-	5	3	13	1	-	-	-	1	3	6	-	-	-	2	1	1	1	-	-
Other Specified Causes	4	1	-	5	1	-	3	7	4	3	1	6	1	8	1	3	-	-	-	1	2	-	-	-	3	-	1	2	1	-
Not Specified	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-

¹ Diseases attributable to occupational exposure. Excludes diseases of employees not covered by the California Workmen's Compensation Act, such as maritime workers, railroad workers in interstate commerce, and workers employed by farmers who elect not to be covered.

² Diseases by county of address given for employer.

³ These include effects of poisoning by pharmaceuticals, venom and other and unspecified substances. They are are mainly effects of insect bites or stings.

⁴ These consist only of burns arising from repeated exposures, mainly from chemicals. Burns from heat, fires or explosions are reported in the accident statistics of the Department of Industrial Relations.

Source: State of California, Department of Industrial Relations. Doctor's First Report of Work Injury. Statistics compiled by State Department of Public Health, Bureau of Adult Health.

Table 8
REPORTED CASES OF OCCUPATIONAL DISEASES¹ BY INDUSTRY GROUP
CALIFORNIA COUNTIES², 1950

INDUSTRY GROUP	Total	Alameda	Amador	Butte	Calaveras	Colusa	Contra Costa	Del Norte	El Dorado	Fresno	Glenn	Humboldt	Imperial	Inyo	Kern	Kings	Lake	Lassen	Los Angeles	Madera	Marin	Mariposa	Mendocino	Merced	Modoc	Mono	Monterey	Napa	Nevada
Total, All Industries	12,245	632	27	149	40	57	267	40	83	379	9	219	65	11	283	45	29	25	4,233	35	46	7	147	114	8	1	196	98	40
Agriculture, Forestry and Fishing	1,823	24	1	28	-	35	48	-	17	102	5	4	22	1	121	18	11	3	150	11	7	1	15	43	2	-	68	35	1
Mining and Quarrying	65	-	2	2	1	-	-	-	1	1	-	2	-	6	4	1	-	-	15	-	-	-	-	2	-	-	-	-	3
Construction	1,770	108	-	15	3	2	46	3	5	73	-	7	5	2	41	5	1	-	682	4	10	-	3	11	-	-	36	4	4
Manufacturing	4,273	267	7	44	13	4	99	27	14	105	4	146	17	-	61	12	1	19	1,842	4	6	-	62	30	5	-	34	28	5
Transportation, Communication and Utilities	644	46	-	8	2	5	13	3	10	15	-	5	-	-	3	1	3	-	206	-	4	-	32	-	-	-	6	5	1
Trade	747	35	-	5	-	1	9	1	2	22	-	8	2	-	13	3	1	2	309	3	3	1	5	7	-	1	15	3	-
Finance, Insurance and Real Estate	69	7	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	24	-	-	-	-	-	-	-	8	1	-
Service	865	73	-	10	1	1	7	1	8	15	-	4	1	2	18	1	1	-	317	3	5	4	3	3	1	-	12	8	6
Government	1,399	48	17	34	20	9	21	-	24	30	-	38	8	-	12	3	10	1	373	10	9	1	23	10	-	-	13	14	19
Not Stated	590	24	-	2	-	-	24	5	2	15	-	5	10	-	10	1	1	-	315	-	2	-	4	8	-	-	4	-	1

Table 8 (continued)
REPORTED CASES OF OCCUPATIONAL DISEASES¹ BY INDUSTRY GROUP
CALIFORNIA COUNTIES², 1950

INDUSTRY GROUP	Orange	Placer	Plumas	Riverside	Sacramento	San Benito	San Bernardino	San Diego	San Francisco	San Joaquin	San Luis Obispo	San Mateo	Santa Barbara	Santa Clara	Santa Cruz	Shasta	Sierra	Siskiyou	Solano	Sonoma	Stanislaus	Sutter	Tehama	Trinity	Tulare	Tuolumne	Ventura	Yolo	Yuba	Not Stated
Total, All Industries	208	47	24	141	230	33	212	317	744	303	73	257	316	519	176	133	5	48	53	208	206	39	28	12	208	18	287	58	55	2
Agriculture, Forestry and Fishing	59	23	1	39	26	10	40	56	9	73	20	13	135	73	52	2	-	2	15	53	48	19	4	-	102	1	141	16	18	-
Mining and Quarrying	2	-	-	-	5	-	-	-	-	1	-	-	3	1	-	1	-	-	-	-	2	-	-	-	-	-	6	2	2	-
Construction	12	1	8	14	35	1	24	38	141	39	9	69	65	96	14	21	-	3	6	15	18	1	3	-	22	-	31	3	10	1
Manufacturing	65	4	12	28	68	8	78	81	273	85	3	76	27	173	53	36	4	23	16	72	91	9	7	10	37	7	48	15	7	1
Transportation, Communication and Utilities	4	4	-	6	10	2	6	8	92	23	1	27	14	32	8	4	-	4	-	5	5	-	1	1	4	4	7	2	2	-
Trade	19	4	-	14	22	2	14	47	41	14	6	9	8	22	11	3	-	3	4	14	14	3	1	-	7	-	6	3	5	-
Finance, Insurance and Real Estate	2	1	-	3	2	-	3	2	7	-	-	2	2	-	1	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Service	16	3	1	22	9	1	16	25	49	16	7	29	21	33	17	4	1	3	2	23	14	2	2	-	11	2	17	13	1	-
Government	20	6	2	11	47	8	26	54	96	41	17	26	36	73	15	55	-	9	10	21	12	5	8	1	21	4	19	2	7	-
Not Stated	9	1	-	4	6	1	5	6	36	11	10	6	5	16	5	6	-	1	-	5	2	-	2	-	4	-	12	1	3	-

¹ Diseases attributable to occupational exposure. Excludes diseases of employees not covered by the California Workmen's Compensation Act, such as maritime workers, railroad workers in interstate commerce, and workers employed by farmers who elect not to be covered.

² Diseases by county of address given by employer.

Source: State of California, Department of Industrial Relations, Doctor's First Report of Work Injury. Statistics compiled by State Department of Public Health, Bureau of Adult Health.

Table 9
OCCUPATIONAL DISEASE FATALITIES¹: CALIFORNIA, 1950

D I S E A S E	Number of fatalities
Total, All Diseases	85
Diseases of the Heart	42
Diseases of the Lung, Total	<u>35</u>
Asbestosis	2
Berylliosis	2
Silicosis	8
Silicotuberculosis ²	16
Unspecified pneumoconiosis	1
Pneumonia	2
Tuberculosis	4
Poisonings, Total	<u>7</u>
Carbon monoxide	1
Carbon tetrachloride	3
Sulfur dioxide gas	1
Sulfur fumes	1
Unspecified chemical	1
Tetanus	1

¹ With the exception of silico-tuberculosis deaths, these reports represent death benefits awarded by the Industrial Accident Commission in 1950 to persons covered by the California Workmen's Compensation Act. The tabulation relates to the year in which the claim was paid, and not to the year of death.

² Data on deaths from silico-tuberculosis obtained from the records of the State Department of Public Health.

Source: State of California, Department of Industrial Relations. Reports of fatalities. Statistics compiled by State Department of Public Health, Bureau of Adult Health.

June 20, 1951

