

CALIFORNIA—GOLD, SILVER, COPPER, LEAD, AND ZINC 1443

TABLE 9.—Mine production of gold, silver, copper, lead, and zinc in California in 1951, by method of recovery (except placer) and class of material processed, in terms of gross metal content

Class of material	Quantity shipped or treated (short tons)	Gross metal content				
		Gold (fine ounces)	Silver (fine ounces)	Copper (pounds)	Lead (pounds)	Zinc (pounds)
CONCENTRATE SHIPPED TO SMELTERS						
Dry gold.....	246	2,336	1,767	523	3,167	-----
Dry gold-silver.....	2	13	510	1	40	-----
Copper.....	1,030	1,427	137,616	137,330	102,716	206,094
Lead.....	14,683	2,630	508,140	167,810	13,185,370	1,769,615
Zinc.....	14,410	401	93,185	281,593	715,989	14,917,456
Zinc-lead.....	14	-----	100	350	2,520	9,800
Zinc-lead-copper.....	2,924	456	103,841	770,756	938,623	1,023,503
Total: 1951.....	33,309	6,263	745,159	1,598,363	14,948,425	17,926,468
1950.....	29,740	5,411	625,266	1,028,529	17,022,991	14,757,966

ORE, ETC., SHIPPED DIRECTLY TO SMELTERS

Dry gold:						
Crude ore.....	130	247	227	61	737	
Old tailings.....	21	50	42	396	48	
Old slag.....	1	8	2			
Dry gold-silver: Old slag.....	2	164	2,253			
Dry silver:						
Crude ore.....	2,964	10	16,223	756	215,714	5,886
Old tailings, etc.....	4,795	164	12,791	14,236	277,577	
Old slag.....	152	1	407	1,342	15,102	
Copper:						
Crude ore.....	1,553	442	4,109	155,565		547
Precipitates.....	80			100,308		
Old slag.....	156	77	1,067	24,852		48,172
Lead:						
Crude ore.....	28,426	2,073	272,256	117,508	12,485,100	2,480,545
Old tailings, etc.....	527	3	2,940	906	87,565	18,405
Old slag.....	59		142	236	8,993	
Lead-copper ore.....	19		299	1,555	6,295	2,495
Zinc ore.....	186	3	5,584	507	2,180	82,525
Zinc-lead:						
Crude ore.....	334		243	254	81,493	86,419
Old tailings, etc.....	2,529	103	11,862	64,835	410,341	762,518
Total: 1951.....	41,934	3,345	330,447	483,317	13,588,145	3,487,512
1950.....	33,307	5,582	381,059	389,281	15,254,409	2,021,855

¹ Includes concentrate and contained metal from tungsten ore.

REVIEW BY COUNTIES

ALPINE

Anaconda Copper Mining Co. acquired the Leviathan mine, Monitor district, a source of both copper and sulfur ores in prior years. The company planned to utilize sulfur ore to manufacture sulfuric acid at its Yerington, Nevada, copper project.

AMADOR

~~There was no lode mining of any consequence other than at the Central Eureka Mining Co. Old Eureka mine, Mother Lode district, where 38,400 tons of gold ore was milled compared to 39,993 tons in 1950. The Lorentz & Swingle dragline dredge, Cosumnes River district, led in production of placer gold.~~