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In gold production, Arizona stood fifth, having beaten out Colorado. In silver, Arizona stood fourth by a good margin over Colorado.

In lead production, Arizona stood sixth. It suffered a drop in production due partly to the strike in August and September, but chiefly to depletion of orebodies of the Copper Queen Mine and other important producers. The total decrease in Arizona amounted to 34% as compared with 9% for the United States as a whole.

In zinc production, Arizona stood fourth, and it suffered a loss in production of 7480 tons (14%) as compared with a gain of 55,736 tons (9%) for the U. S. as a whole. The strike of August and September were partly responsible for the Arizona decrease, but the depletion of the Copper Queen zinc-lead orebody was the biggest factor, for its production decreased from 20,707 tons in 1950 to 4600 tons in 1951.

The value of Arizona's five metals in 1951 is estimated at \$236,361,000, as compared with \$201,034,000 for 1950 and \$177,894,000 for 1949.

Arizona Department of Mineral Resources

February, 1952

MINE PRODUCTION OF RECOVERABLE COPPER IN THE UNITED STATES IN SHORT TONS

1951 STATISTICS PRELIMINARY - SOURCE: U.S.B.M.

	Arizona	Utah	New Mexico	Nevada	Montana	Other States	Total United States
Year 1951	417,000	273,700	73,100	56,310	55,613	52,853	928,576
" 1950	403,301	278,628	66,300	52,572	54,480	54,069	909,350
" 1949	359,010	197,245	55,388	38,058	56,611	46,438	752,750
Monthly avg 1951	34,750	22,808	6,092	4,692	4,634	4,404	77,381
1950	33,608	23,219	5,525	4,381	4,540	4,506	75,779
1949	29,917	16,437	4,616	3,171	4,718	3,870	62,729

MINE PRODUCTION OF RECOVERABLE GOLD IN THE UNITED STATES - IN OUNCES

1951 STATISTICS PRELIMINARY - SOURCE: U.S.B.M.

	So. Dakota	Utah	California	Nevada	Arizona	Colorado	Other States	Total United States	Alaska (Included in Other States)
Year 1951	466,918	435,200	340,567	123,166	118,100	112,000	361,592	1,957,543	205,452
" 1950	567,996	457,551	412,118	178,447	118,313	130,390	526,868	2,391,683	289,272
" 1949	464,650	314,058	417,231	130,399	108,993	102,618	453,834	1,991,783	229,416
Monthly avg 1951	38,910	36,267	28,381	10,264	9,842	9,333	30,133	163,129	17,121
1950	48,370	38,333	34,222	14,735	9,500	10,833	43,314	199,307	23,572
1949	38,721	26,172	34,769	10,867	9,083	8,551	37,819	165,982	19,118

MINE PRODUCTION OF RECOVERABLE SILVER IN THE UNITED STATES - IN OUNCES

1951 STATISTICS PRELIMINARY - SOURCE: U.S.B.M.

	Idaho	Utah	Montana	Arizona	Colorado	Other States	Total United States
Year 1951	14,642,231	7,365,000	6,054,653	5,165,000	2,808,000	3,428,777	39,463,661
" 1950	16,095,019	7,083,808	6,590,747	5,325,441	3,492,278	3,871,721	42,059,014
" 1949	10,049,257	6,724,880	6,327,025	4,970,736	2,894,886	3,708,168	34,674,952
Monthly avg 1951	1,220,186	613,715	504,554	430,417	234,000	285,731	3,288,638
1950	1,354,208	585,292	532,392	442,885	295,000	325,150	3,534,927
1949	837,438	560,407	527,252	414,228	241,241	309,013	2,889,579

# MINE PRODUCTION OF RECOVERABLE LEAD IN THE UNITED STATES - IN SHORT TONS

1951 STATISTICS PRELIMINARY - SOURCE: U.S.B.M.

	Missouri	Idaho	Utah	Colorado	Montana	Arizona	Other States	Total United States
Year 1951	125,928	75,164	51,300	30,400	21,736	17,300	68,600	390,428
" 1950	134,626	100,025	44,753	27,007	19,617	26,383	78,416	430,827
" 1949	127,522	79,299	53,072	26,853	17,996	33,568	71,598	409,908
Monthly Avg 1951	10,494	6,264	4,275	2,533	1,811	1,442	5,717	32,536
" " 1950	11,219	8,335	3,729	2,251	1,635	2,199	6,535	35,902
" " 1949	10,627	6,608	4,423	2,238	1,500	2,797	5,966	34,159

# MINE PRODUCTION OF RECOVERABLE ZINC IN THE UNITED STATES - IN SHORT TONS

1951 STATISTICS PRELIMINARY - SOURCE: U.S.B.M.

	Montana	Idaho	Colorado	Arizona	Oklahoma	New Mexico	Utah	States East of Miss. R.	Other States	Total United States
Year 1951	84,205	79,783	55,700	53,000	51,999	45,400	34,600	188,525	85,899	679,111
" 1950	67,678	87,890	45,776	60,480	46,739	29,263	31,678	174,507	79,364	623,375
" 1949	54,195	76,555	47,703	70,658	44,033	29,346	40,670	156,298	73,745	593,203
Monthly Avg 1951	7,017	6,648	4,642	4,417	4,333	3,783	2,883	15,710	7,158	56,593
" " 1950	5,640	7,324	3,815	5,040	3,895	2,439	2,640	14,542	6,613	51,948
" " 1949	4,516	6,380	3,975	5,888	3,669	2,446	3,389	13,024	6,146	49,433

# Preliminary Estimate of value of Arizona's Metal Production in 1951

417,000 Tons Copper at 24.3 cts per lb	\$ 202,662,000
118,100 oz. gold at \$35.00 per ounce	4,133,500
5,165,000 oz. silver at 90.5 cts per ounce	4,674,325
17,300 tons lead at 17.1 cts per lb	5,916,600
53,000 tons zinc at 17.9 cts per lb	18,974,000
	<u>\$ 236,360,425</u>

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