

PRELIMINARY ESTIMATE OF COPPER, LEAD, ZINC, GOLD AND SILVER

PRODUCTION IN ARIZONA AND THE UNITED STATES, IN 1962

Compiled By Arizona Department of Mineral Resources
From U.S.B.M. Monthly Reports

1962	TONS COPPER		TONS LEAD		TONS ZINC	
	ARIZONA	U.S.	ARIZONA	U.S.	ARIZONA	U.S.
Jan.	51,906	102,965	565	22,487	2,737	37,780
Feb.	51,602	101,327	615	21,923	2,917	36,722
March	56,199	109,550	643	21,919	3,313	42,614
April	55,799	108,824	537	24,049	2,745	41,929
May	59,670	113,868	580	25,032	2,924	43,564
June	54,409	102,800	608	23,950	2,465	42,367
July	48,149	91,470	638	21,275	2,523	38,359
Aug.	53,193	93,774	614	16,646	3,112	44,458
Sept.	47,390	89,860	420	14,151	2,615	42,083
Prelim. Estimate	56,147	106,084	590	14,770	2,649	46,725
Estimate	54,000	104,159	580	14,415	2,600	43,993
Estimate	55,536	103,437	610	19,369	2,600	45,054
Est. Totals 1962 *	644,000	1,228,118	7,000	237,386	33,200	505,648
Act. Totals 1961	587,053	1,165,155	5,937	261,921	29,585	464,390
Act. Totals 1960	538,605	1,080,169	8,495	246,669	35,811	435,427
Act. Totals 1959	430,297	824,846	9,999	255,586	37,325	425,303
Act. Totals 1958	485,839	970,329	11,890	267,377	28,532	412,005

* Totals from U.S.B.M. Preliminary Reports for 1962

Production of copper by Arizona Mines amounted to 52.4% of the total U.S. production in 1962. Both the U.S. production and the Arizona production were the highest in history.

PRELIMINARY ESTIMATE FOR 1962 (Continued)

1962	OUNCES GOLD		OUNCES SILVER		E. & M.J. METAL PRICES Price per oz. (Cents per pound)			
	ARIZONA	U.S.	ARIZONA	U.S.	SILVER	COPPER	LEAD	ZINC
Jan.	11,735	123,195	442,370	3,046,667	\$ 1.043	30.600	10.034	12.000
Feb.	11,653	115,839	448,097	2,830,783	1.025	30.600	9.583	12.000
Mar.	13,741	123,043	509,428	3,304,434	1.015	30.600	9.500	12.000
Apr.	12,168	112,571	481,369	3,224,783	1.015	30.600	9.500	11.500
May	12,552	117,142	496,414	3,373,261	1.015	30.600	9.500	11.500
June	11,503	109,385	465,210	3,048,800	1.023	30.600	9.500	11.500
July	9,946	129,999	413,933	2,775,902	1.035	30.600	9.500	11.500
Aug.	10,619	153,465	480,253	3,040,140	1.083	30.600	9.500	11.500
Sept.	9,776	152,267	397,720	2,787,355	1.155	30.600	9.500	11.500
Prelim Est. Oct.	11,789	146,350	472,645	2,844,385	1.206	30.600	9.500	11.500
Nov.	11,450	130,587	470,000	2,871,921	1.192	30.600	9.951	11.500
Est. Dec.	11,468	111,397	475,561	2,309,749	1.199	30.600	10.000	11.500
Est. Totals '62	138,400	1,525,240	5,553,000	36,458,080	\$ 1.08375	30.600	9.631	11.625
Act. Totals '61	145,959	1,548,270	5,120,007	34,794,456	.92449	29.921	10.871	11.542
Act. Totals '60	143,064	1,666,772	4,774,992	30,766,327	.91375	32.053	11.948	12.946
Act. Totals '59	124,607	1,602,931	3,898,336	31,194,006	.91202	31.182	12.211	11.448
Act. Totals '58	142,979	1,739,249	4,684,580	34,111,027	.89044	25.764	12.109	10.309

1962 - PRELIMINARY ESTIMATED ARIZONA MINERAL PRODUCTION

ARIZONA PRODUCTION	EST. PRICE	EST. VALUE
644,000 Tons Copper	31.0 cts/lb	\$ 399,280,000
7,000 Tons Lead	9.2 cts/lb	1,288,000
33,200 Tons Zinc	11.5 cts/lb	7,636,000
138,400 Ozs. Gold	\$35.00/oz	4,844,000
5,553,000 Ozs. Silver	\$ 1.07/oz	5,942,000
Total Estimated Value (5 Metals)		\$ 418,990,000
Estimated Value of Other Metals & Non-metallics		\$ 62,405,000
Grand Total Estimated Value of Arizona's Mineral Production		\$ 481,395,000

The domestic producers' price for copper remained at 31 cents per pound throughout the year 1962. Although the lead price was not quite so consistent, it averaged 9.631 cents for the year, the lowest annual average since 1946. Likewise, zinc averaged only 11.625 cents per pound in 1962, practically the same as for the year 1961.

The value of mineral production in Arizona, as reported by the U.S. Bureau of Mines, totaled \$481.4 million, within 1 percent of the record all-time high established in 1956.

The metals group continued to lead Arizona mineral economy, with a value of \$428.5 million, or 89 percent of the State mineral output. Copper contributed \$399.3 million or 83 percent of the total value of mineral production and 93 percent of the value of the metals group.

The increased production of copper in Arizona was attributed to the first full year of production at the Mission Mine operated by Asarco.

Although the major producers attempted to reduce output of copper in the last 6 months of the year to bring supply and demand more closely in balance, production during the last 6 months of the year exceeded that of the corresponding period of the previous year by 5 percent.

The value of silver production in Arizona in 1962 increased to \$5,942,000 from \$4,652,600 in 1961, due to a rise in the price of silver from 90.5 cents per ounce in 1961 to an estimated average of \$1.07 per ounce in 1962.