

ARIZONA PRODUCTION OF COPPER, LEAD, ZINC, GOLD AND SILVER FROM 1858-1954 INCL.; BY YEARS SINCE 1900

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

	COPPER *			LEAD *			ZINC *		
	Tons	Price	Value	Tons	Price	Value	Tons	Price	Value
1874-1900	489,136	\$.13748	\$134,493,948	14,470	\$.0434	\$1,254,742	-	-	\$ -
1901	65,389	.167	21,840,028	4,045	.043	347,870	-	-	-
1902	59,972	.122	14,633,283	599	.041	49,118	-	-	-
1903	73,824	.137	20,227,813	1,493	.042	125,412	-	-	-
1904	99,741	.128	24,935,131	890	.043	77,874	-	-	-
1905	114,209	.156	35,633,314	2,470	.047	232,223	85	.059	8,260
1906	133,416	.193	51,498,550	2,819	.057	321,408	-	-	-
1907	127,440	.200	50,975,898	2,330	.053	247,016	114	.059	13,481
1908	142,929	.132	37,733,273	1,504	.042	126,360	339	.047	31,887
1909	151,950	.130	39,506,930	1,549	.043	133,218	2,989	.054	322,771
1910	148,746	.127	37,781,376	1,348	.044	118,668	2,742	.054	296,184
1911	153,071	.125	38,267,692	5,137	.045	462,355	2,281	.057	260,090
1912	182,519	.165	60,231,377	3,403	.045	306,290	4,379	.069	604,319
1913	203,962	.155	63,228,127	8,072	.044	710,370	4,714	.056	527,972
1914	196,509	.133	52,271,314	7,502	.039	585,120	4,896	.051	499,409
1915	229,986	.175	80,495,152	10,869	.047	1,021,732	9,110	.124	2,259,387
1916	360,917	.246	177,570,960	13,531	.069	1,867,284	9,839	.134	2,636,845
1917	356,083	.273	194,421,561	11,733	.086	2,018,028	10,447	.102	2,131,276
1918	382,428	.247	188,919,401	6,252	.071	887,762	1,135	.091	206,538
1919	269,050	.186	100,086,757	5,102	.053	540,763	859	.073	125,341

\* First year of reported production: Copper-1874; Lead-1894; Zinc-1905

ARIZONA GOLD AND SILVER PRODUCTION - TOTAL VALUE OF FIVE METALS

	GOLD			SILVER			TOTAL VALUE OF COPPER LEAD, ZINC, GOLD AND SILVER
	Ounces	Price	Value	Ounces	Price	Value	
1888*-1900	1,881,412	\$20.67	\$38,892,300	60,004,572	\$.9675	\$58,057,213	\$232,698,203
1901	197,515	20.67	4,083,000	2,812,400	.60	1,687,440	27,958,338
1902	198,933	20.67	4,112,300	3,043,100	.53	1,612,843	20,407,544
1903	210,799	20.67	4,357,600	3,387,100	.54	1,829,034	26,539,859
1904	168,274	20.67	3,478,532	2,314,910	.58	1,325,303	29,816,840
1905	135,412	20.67	2,799,214	2,605,712	.61	1,573,850	40,246,861
1906	143,417	20.67	2,964,683	3,026,438	.68	2,027,714	56,812,255
1907	126,613	20.67	2,617,313	2,511,897	.66	1,657,852	55,511,560
1908	117,647	20.67	2,431,977	2,808,450	.53	1,488,478	41,811,975
1909	132,427	20.67	2,737,500	2,601,161	.52	1,352,604	44,053,023
1910	152,351	20.67	3,149,366	2,566,528	.54	1,385,925	42,731,519
1911	165,951	20.67	3,430,503	3,276,571	.53	1,736,583	44,157,223
1912	181,997	20.67	3,762,210	3,490,387	.615	2,146,588	67,050,784
1913	194,657	20.67	4,023,911	3,948,091	.604	2,384,647	70,875,027
1914	202,167	20.67	4,179,155	4,377,994	.553	2,421,031	59,956,029
1915	201,531	20.67	4,166,025	5,649,020	.507	2,864,053	90,806,349
1916	192,801	20.67	3,985,559	7,212,039	.658	4,745,522	190,806,170
1917	245,174	20.67	5,068,193	6,983,913	.824	5,754,744	209,393,802
1918	262,919	20.67	5,435,027	6,686,152	1.00	6,686,152	202,134,880
1919	217,998	20.67	4,506,413	5,266,605	1.12	5,898,598	111,157,872

\* First year of reported production of gold and silver.

ARIZONA COPPER, LEAD, ZINC PRODUCTION (Continued)

	COPPER			LEAD			ZINC		
	Tons	Price	Value	Tons	Price	Value	Tons	Price	Value
1920	279,128	\$.184	\$102,719,160	7,300	\$.080	\$1,167,981	729	\$.081	\$118,041
1921	92,517	.129	23,869,411	3,276	.045	294,364	-	-	-
1922	200,022	.135	54,005,822	7,535	.055	828,899	105	.057	12,006
1923	309,464	.147	90,982,504	8,146	.070	1,140,408	260	.068	35,299
1924	338,876	.131	88,785,514	9,321	.080	1,491,385	-	-	-
1925	356,678	.142	101,296,428	11,938	.087	2,077,213	3,666	.076	557,241
1926	361,648	.140	101,261,447	11,629	.080	1,860,662	6,473	.075	970,982
1927	341,095	.131	89,366,962	9,933	.063	1,251,556	1,134	.064	145,213
1928	366,138	.144	105,447,860	7,190	.058	834,096	639	.061	77,997
1929	415,314	.176	146,190,600	8,027	.063	1,011,410	1,229	.066	162,266
1930	288,095	.130	74,904,779	4,246	.050	424,581	815	.048	78,264
1931	200,672	.091	36,522,387	982	.037	72,672	-	.038	-
1932	91,246	.063	11,496,985	1,182	.030	70,929	-	.030	-
1933	57,021	.064	7,298,674	1,721	.037	127,374	6	.042	463
1934	89,041	.080	14,246,577	3,439	.037	254,457	905	.043	77,842
1935	139,015	.083	23,076,431	7,783	.040	622,644	3,337	.044	293,653
1936	211,275	.092	38,874,600	10,688	.046	983,296	3,589	.050	358,900
1937	288,478	.121	69,811,676	12,354	.059	1,457,772	5,026	.065	653,380
1938	210,797	.098	41,316,212	10,571	.046	972,532	5,814	.048	558,144
1939	262,112	.101	54,519,296	10,771	.047	1,012,474	6,711	.052	697,944

ARIZONA GOLD AND SILVER PRODUCTION - AND TOTAL VALUE OF FIVE METALS - (Continued)

	GOLD			SILVER			TOTAL VALUE OF COPPER
	Ounces	Price	Value	Ounces	Price	Value	LEAD, ZINC, GOLD AND SILVER
1920	231,529	\$20.67	\$ 4,786,122	5,355,303	\$1.09	\$ 5,837,280	\$114,628,584
1921	141,753	20.67	2,930,303	2,469,394	1.00	2,469,394	29,563,472
1922	170,480	20.67	3,524,134	4,531,864	1.00	4,531,864	62,902,725
1923	296,109	20.67	6,121,121	7,343,742	.82	6,021,868	104,301,200
1924	235,996	20.67	4,878,465	6,649,276	.67	4,455,025	99,610,379
1925	201,741	20.67	4,170,355	7,257,868	.694	5,036,961	113,138,198
1926	234,011	20.67	4,837,436	7,331,027	.624	4,605,761	113,536,288
1927	200,495	20.67	4,144,591	6,847,680	.567	3,882,635	98,790,957
1928	191,927	20.67	3,967,488	6,791,351	.585	3,972,940	114,300,381
1929	202,318	20.67	4,182,287	7,543,283	.533	4,020,570	155,567,133
1930	169,390	20.67	3,501,610	5,540,732	.385	2,133,182	81,042,416
1931	126,186	20.67	2,608,495	3,245,311	.290	941,140	40,144,694
1932	66,790	20.67	1,380,665	2,082,823	.282	587,356	13,535,935
1933	79,993	25.56	2,044,611	2,390,363	.350	836,627	10,307,749
1934	167,024	34.95	5,837,493	4,448,474	.6465	2,875,781	23,292,150
1935	241,755	35.00	8,461,411	6,601,280	.719	4,744,670	37,198,809
1936	322,408	35.00	11,284,287	8,386,043	.7745	6,494,990	57,996,073
1937	332,694*	35.00	11,644,290*	9,422,552*	.7735	7,288,344*	90,855,462
1938	305,043	35.00	10,676,505	7,479,153	.6465	4,835,008	58,358,401
1939	316,453	35.00	11,075,855	7,824,004	.6788	5,310,839	72,616,408

\* Year of highest production and value.

ARIZONA COPPER LEAD, ZINC PRODUCTION (Continued)

	COPPER			LEAD			ZINC		
	Tons	Price	Value	Tons	Price	Value	Tons	Price	Value
1940	281,169	\$.113	\$ 63,544,194	13,266	\$.050	\$ 1,326,600	15,456	\$.063	\$ 1,947,456
1941	326,317	.118	77,010,812	15,638	.057	1,782,732	16,493	.075	2,473,950
1942	393,387	.121	95,195,654	14,772	.067	1,979,448	18,522	.093	3,445,092
1943	403,181	.130	104,827,060	13,727	.075	2,059,050	19,677	.108	4,250,232
1944	358,303	.135	96,741,810	16,707	.080	2,673,120	29,077	.114	6,629,556
1945	287,203	.135	77,544,810	22,867	.086	3,933,124	40,226	.115	9,251,980
1946	289,223	.162	93,708,252	23,930	.109	5,216,740	43,665	.122	10,654,260
1947	366,218	.210	153,811,560	28,566	.144	8,227,008	54,644	.121	13,223,848
1948	375,121	.217	162,802,514	29,899	.179	10,703,842*	54,478	.133	14,491,148
1949	359,010	.197	141,449,940	33,568*	.158	10,607,488	70,658*	.124	17,523,184
1950	403,301	.208	167,773,216	26,383	.135	7,123,410	60,480	.142	17,176,320
1951	415,870*	.242	201,281,080	17,394	.173	6,018,324	52,999	.182	19,291,636*
1952	395,719	.242	191,527,996	16,520	.161	5,319,440	47,143	.166	15,651,476
1953	393,525	.287	225,883,350*	9,428	.131	2,470,136	27,530	.115	6,331,900
1954	377,927	.257	224,488,638	8,385	.136	2,280,720	21,461	.111	4,764,342
GRAND TOTALS	14,264,783	\$.16748	\$4,778,295,096	544,200	\$.0929	\$101,111,500	666,863	\$.1213	\$161,827,775

\* Year of Highest Tonnage or Value.

ARIZONA GOLD AND SILVER PRODUCTION - AND TOTAL VALUE OF FIVE METALS (Continued)

	GOLD			SILVER			TOTAL VALUE OF COPPER, LEAD, ZINC, GOLD and SILVER
	Ounces	Price	Value	Ounces	Price	Value	
1940	294,807	\$35.00	\$ 10,318,245	7,075,215	\$.7111	\$ 5,031,264	\$ 82,167,759
1941	315,392	35.00	11,038,720	7,498,260	.7111	5,332,096	97,638,310
1942 *	253,651	35.00	8,877,785	7,064,467	.7111	5,023,621	114,525,600
1943	171,810	35.00	6,013,350	5,713,889	.7111	4,063,210	121,212,902
1944	112,162	35.00	3,925,670	4,394,039	.7111	3,124,650	113,094,806
1945	77,223	35.00	2,702,805	3,558,216	.7111	2,530,287	95,963,006
1946	79,024	35.00	2,765,840	3,268,765	.808	2,641,162	114,986,254
1947	95,860	35.00	3,355,100	4,569,084	.905	4,135,021	182,752,537
1948	109,487	35.00	3,832,045	4,837,740	.905	4,378,399	196,207,948
1949	108,993	35.00	3,814,755	4,970,736	.905	4,498,767	177,894,134
1950	118,313	35.00	4,140,955	5,325,441	.905	4,819,793	201,033,694
1951	116,093	35.00	4,063,255	5,120,985	.905	4,634,750	235,289,045
1952	112,355	35.00	3,932,425	4,701,330	.905	4,254,941	220,686,278
1953	112,824	35.00	3,948,840	4,351,429	.905	3,938,263	242,572,489
1954	114,809	35.00	4,018,315	4,298,811	.905	3,890,424	239,442,439
GRAND TOTALS	11,756,893	\$25.431	\$298,986,410	330,862,970	\$.7611	\$251,815,057	\$5,592,035,838

\* 1942 - Year of Gold Mine Closing Order L-208. Note drastic drop in production in subsequent years.

FOR RELEASE UPON RECEIPT:

The Arizona Department of Mineral Resources has compiled a report of copper, lead, zinc, gold and silver production in Arizona from the earliest date of reported production to the end of 1954. The production is reported by years beginning with 1901.

The first year of reported production for gold and silver was 1858; of copper, 1874; of lead, 1894; and of zinc, 1905.

The year of highest gold and silver production was 1937. In 1942, the government issued the gold mine closing order, L-208; and thereafter gold and silver production took a radical drop. Although increased production of copper, lead and zinc took place in subsequent years, the production of by-product gold and silver from these base-metal ores was not sufficient to offset the big loss due to the closing of gold-silver mines.

The year 1951 was the year of highest copper production, when 415,870 tons were produced. However, due to the higher price of copper (28.7 cts. per pound), 1953 was the year of highest value of copper produced.

The year 1949 was the year of highest lead production, when 33,568 tons were produced. The high price of lead in 1948, (17.9 cts. per pound) made 1948 the year of highest value of lead produced.

The year 1949 was also the year of highest zinc production, when 70,658 tons were produced. However, 18.2 cent zinc in 1951 made that year the highest in value of zinc produced.

The grand total of copper, lead, zinc, gold and silver for the entire period 1858-1954 is reported to be as follows:

14,264,783 tons of copper at \$.16748 per lb. valued at	\$ 4,778,295,096.
544,200 tons of lead at \$.0929 per lb. valued at	101,111,500.
666,863 tons of zinc at \$.1213 per lb. valued at	161,827,775.
11,756,893 ozs. of gold at \$25.431 per oz. valued at	298,986,410.
330,862,970 ozs. of silver at \$.7611 per oz. valued at	251,815,057.
Grand total value of 5 metals - -	\$ 5,592,035,838.

A copy of this report may be obtained by writing to the Arizona Department of Mineral Resources, Mineral Bldg., Fairgrounds, Phoenix, Arizona.