

UNITED STATES AND ARIZONA ZINC STATISTICS FOR 1955 AND FIRST QUARTER 1956

Their Relation to the Favorable Conditions of 1949-1951.

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

Output of recoverable zinc during the period 1949-1951, when the U. S. zinc industry was enjoying good conditions, amounted to 52,716 tons monthly, which was 58.5% of the monthly domestic consumption of 90,159 tons. To have attained this favorable figure of 58.5% of the 102,498 tons of monthly domestic consumption in 1955, and 104,229 tons in the first quarter of 1956, U. S. mines would have had to produce 59,961 tons monthly in 1955, and 60,974 tons monthly in the first quarter of 1956. Actually, they produced only 41,983 tons and 43,933 tons, respectively, in those periods. A total of over 170 zinc mines producing 100 tons of zinc monthly could have re-opened and restored the U. S. zinc industry to its favorable conditions of former years.

The government stockpiling policy, while it has improved zinc prices, has at the same time encouraged importation of zinc from foreign low-cost producers. A more favorable effect would have resulted if the recommendation of the Tariff Commission for a moderate increase in the lead tariff had been adopted.

Arizona's output of recoverable zinc during the favorable period of 1949-1951 amounted to 5,115 tons monthly. In 1955, the monthly output was only 1,883 tons, and for the first quarter of 1956, it was 2,070 tons. To have attained the favorable figure of 58.5% of domestic consumption, Arizona mines would have had to produce 2,689 tons monthly in 1955 and 2,873 tons monthly in the first quarter of 1956. This would have permitted the re-opening of at least sixteen mines capable of producing 50 tons of zinc per month.

The domestic market price for zinc averaged  $11\frac{1}{2}$  cts. per lb. during the 1st quarter of 1955, rose to 12 cts. for April, May and most of June, was  $12\frac{1}{2}$  cts. in July and August, and 13 cts. the remainder of the year, averaging 12.229 cents for the year as a whole. The first five months of this year, 1956, zinc has averaged  $13\frac{1}{2}$  cents per pound.

UNITED STATES MINE PRODUCTION OF RECOVERABLE ZINC

AND ITS RELATION TO DOMESTIC CONSUMPTION.

Monthly Averages in Short Tons For Years 1949-51, 1952, 1953, 1954, 1955 (Prelim.) and 1st Quarter, 1956

Source: U. S. B. M.

Period	Mine Production Avg. Monthly	Reported Consumption			Mine Prod. As % of Consumption	Avg. E. & M. J. Price of Zinc in cts./lb.	Imports	Exports
		Slab Zinc	As ore in Pigments etc.	Total				
1949-50-51	52,716	80,270	9,889	90,159	58.47%	15.387	29,729	4,611
1952	55,000	70,720	9,083	79,803	68.92%	16.215	41,379	5,401
1953	45,619	82,161	9,833	91,994	49.59%	10.855	55,913	2,205
1954	38,903	73,692	8,267	81,959	47.47%	10.681	45,232	3,645
1955 (Prelim.)	41,983	92,831	9,667	102,498	40.96%	12.229	51,113	1,500
1956: Jan.	41,019	96,406	11,506	107,912	38.01%	13.431	56,731	1,103
Feb.	42,671	89,762	12,131	101,893	41.88%	13.500	64,768	671
Mar.	48,108	91,818	11,063	102,881	46.76%	13.500	47,011	554
1st Quarter	43,933	92,662	11,567	104,229	42.15%	13.477	56,170	776

# SLAB ZINC STATISTICS FOR 1955 AND FIRST QUARTER 1956

## U.S. AND ARIZONA MINE PRODUCTION OF RECOVERABLE ZINC

Source: U.S.B.M.

Unit - Short Tons

	Year 1955 P	January 1956	February 1956	March 1956
Stocks at Primary & Secondary Plants Beginning of Period.	120,451	41,000	41,300	39,800
Production - primary.	959,000	90,313	86,329	91,690
- secondary.	72,000	3,219	3,430	3,765
Imports of slab zinc.	196,000	18,651	17,238	12,177
Total available - slab zinc.	1,347,451	153,183	148,297	147,432
Withdrawn:				
Exports of slab zinc	18,000	1,103	671	554
Shipments to Gov't Account.	87,200	1,155	2,782	6,821
Stocks at Primary & Secondary Plants End of Period.	41,000	41,300	39,800	40,000
Total withdrawn - slab zinc.	146,200	43,558	43,253	47,375
Available to Consumers - slab zinc.	1,201,251	109,625	105,044	100,057
Reported Consumption - slab zinc.	1,113,968	96,406	89,762	91,818
Consumed directly in ore.	116,000	11,506	12,131	11,063
Total reported zinc consumption.	1,229,968	107,912	101,893	102,881
U. S. MINE PRODUCTION OF RECOVERABLE ZINC	503,800	41,019	42,671	48,108
ARIZONA MINE PRODUCTION OF RECOVERABLE ZINC	22,600	1,822	2,094	2,293

# SALIENT STATISTICS OF THE ZINC INDUSTRY IN THE UNITED STATES

For Years 1949-1951, 1952, 1953, 1954, 1955 (Preliminary), and 1st Quarter, 1956

Source: U. S. B. M.

Unit - Short Tons

PERIOD	SUPPLY				DISTRIBUTION				
	Total	Recoverable Mine Production	Recoverable Secondary	Imports 1/	Total	Slab Zinc Consumed	Consumed As Ore in Pigments, etc.	Exports 1/	Secondary 2/
1949-50-51	3,846,240	1,897,767	878,220	1,070,253	3,807,012	2,603,012	356,000	166,000	682,000
Avg. Yearly	1,282,080	632,589	292,740	356,751	1,269,004	867,671	118,667	55,333	227,333
Avg. Monthly	106,840	52,716	24,395	29,729	105,750	72,306	9,889	4,611	18,944
1952	1,472,969	666,001	310,423	496,545	1,272,449	848,639	109,000	64,810	250,000
1953	1,513,060	547,430	294,678	670,952	1,368,386	985,927	118,000	26,459	238,000
1954	1,281,397	466,842	271,774	542,781		884,299	99,200	43,734	
1955 (Prelim.)		503,800		613,350		1,113,968	116,000	18,000	
1956: Jan.		41,019		56,731		96,406	11,506	1,103	
Feb.		42,671		64,768		89,762	12,131	671	
Mar.		48,108		47,011		91,818	11,063	554	
1st Quarter		131,798		168,510		277,986	34,700	2,328	
Yearly Rate		527,192		674,040		1,111,944	138,800	9,312	

1/ Imports and exports are factored as follows: 100 percent of the metal is added to 85% of the zinc content of ores and concentrates.

2/ Consumed in dust, alloys, chemicals and pigments.