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## SILVER, LEAD AND ZINC PRODUCTION

OCTOBER 1964

TABLE 1. Production of Silver(1), 1962-64

	1962	1963	1964
	troy ounces		
January .....	2,551,394	2,289,478	2,549,865
February .....	2,065,971	2,232,734	1,986,365
March .....	2,532,930	2,574,882	2,224,207
April .....	2,272,855	2,392,732	2,372,049
May .....	2,217,612	2,672,495	2,672,954
June .....	2,683,932	2,408,273	2,707,990
July .....	2,848,662	2,216,299	2,433,637
August .....	2,408,070	2,907,672	2,796,523
September .....	3,036,669	2,284,911	2,634,947
October .....	2,737,110	2,706,980	2,381,568
November .....	2,600,833	2,890,473	
December .....	2,712,990	2,262,827	
Totals .....	30,669,028	29,839,756	
Year to date .....	25,355,205	24,686,456	24,760,105

(1) New silver bullion plus recoverable silver in other smelter products and in ores and concentrates exported.

Industry Division

January 1965  
6522-805



TABLE 2. Exports of Refined Silver and Silver in Ores, 1963 and 1964

	1963		1964	
	Refined	In ores and concentrates	Refined	In ores and concentrates
troy ounces				
January .....	1,435,532	1,320,572	929,419	1,041,719
February .....	671,425	428,148	804,826	755,765
March .....	1,437,549	466,502	507,997	514,702
April .....	475,277	671,395	465,108	326,173
May .....	1,099,802	431,833	1,300,471	874,898
June .....	655,527	534,271	591,497	850,600
July .....	927,703	1,009,128	1,497,535	1,113,533
August .....	568,593	677,253	456,592	669,732
September .....	572,419	940,192	718,150	778,451
October .....	1,530,724	544,929	919,901	809,320
November .....	956,857	406,928		
December .....	503,221	855,605		
Totals .....	10,834,629	8,286,756		
Year to date .....	9,374,551	7,024,223	8,191,496	7,734,893

TABLE 3. Production of Lead, 1963 and 1964

	Mine output (ores or concentrates, lead content)		Smelter production plus exported ores(1)		Refined production (primary)(2)	
	1963	1964	1963	1964	1963	1964
tons						
January .....	17,810	17,408	15,919	18,247	15,740	12,367
February .....	16,140	15,014	15,225	14,833	12,991	11,763
March .....	17,056	15,609	17,980	14,778	13,367	13,470
April .....	15,665	17,001	17,583	15,355	13,533	14,614
May .....	17,569	16,244	18,410	13,598	14,929	14,001
June .....	15,525	16,155	17,525	16,777	13,391	14,450
July .....	15,610	17,009	15,095	12,949	7,907	4,985
August .....	15,049	17,332	19,003	20,215	13,476	12,997
September .....	15,362	18,557	15,525	19,278	12,772	13,863
October .....	18,247	18,297	17,835	17,335	13,635	13,596
November .....	17,763		18,038		12,262	
December .....	17,192		14,260		10,997	
Totals .....	198,988		202,398		155,000	
Year to date .....	164,033	168,626	170,100	163,365	131,741	126,106

(1) Lead content of new base bullion produced from domestic primary materials (concentrates, slags, residues, etc.) plus estimated recoverable lead in ores and concentrates shipped for export.

(2) Refined pig lead, plus lead content of antimonial lead produced from domestic and foreign ores.



TABLE 4. Exports of Refined Lead and Lead in Ores, by Months, 1964

	Lead in ores, concentrates		Lead in pigs, blocks(1) and shot	
	tons	\$	tons	\$
January .....	9,532	1,457,866	6,846	1,300,507
February .....	2,161	305,011	8,916	1,756,801
March .....	2,160	326,300	8,872	1,767,099
April .....	2,175	327,213	10,541	2,223,142
May .....	3,060	496,265	6,318	1,384,333
June .....	8,024	1,442,268	8,191	1,734,696
July .....	12,683	2,254,604	9,401	2,134,868
August .....	6,405	1,088,514	7,265	1,678,835
September .....	8,731	1,626,452	7,424	1,796,939
October .....	10,182	2,066,922	7,904	1,919,882
November .....				
December .....				
Year to date .....	65,113	11,391,415	81,678	17,697,102

(1) Excludes antimonial lead and type metal.

TABLE 5. Production of Zinc, 1963 and 1964

	Mine output (ores or concentrates, zinc content)		Refinery production plus exported ores(1)		Refined production (primary)(2)	
	1963	1964	1963	1964	1963	1964
	tons					
January .....	40,682	53,787	36,263	51,754	23,999	27,935
February .....	42,204	51,760	33,758	45,875	21,673	25,626
March .....	42,580	54,260	37,770	47,899	25,013	27,411
April .....	37,423	61,364	36,841	52,654	24,368	27,197
May .....	40,504	58,056	40,806	54,219	24,575	29,070
June .....	40,583	60,782	40,638	59,998	22,703	28,284
July .....	40,073	58,414	44,745	56,214	22,885	26,039
August .....	41,670	63,182	35,485	57,757	21,887	26,936
September .....	38,535	65,802	38,940	59,284	21,186	25,296
October .....	42,307	62,414	39,598	68,583	24,513	32,125
November .....	44,063		43,410		25,779	
December .....	46,556		39,302		25,440	
Totals .....	497,180		467,556		284,021	
Year to date .....	406,561	589,821	384,844	554,237	232,802	275,919

(1) New refined zinc produced from domestic primary materials (concentrates, slags, residues, etc.) plus estimated recoverable zinc in ores and concentrates shipped for export.

(2) Refined zinc produced from domestic and foreign ores.



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TABLE 6. Exports of Refined Zinc and Zinc in Ores, by Months, 1964

	Zinc in ores, concentrates		Zinc in slabs and bars	
	tons	\$	tons	\$
January .....	18,233	1,813,074	18,400	4,395,934
February .....	13,447	1,215,764	21,088	5,034,066
March .....	17,589	1,523,743	22,375	5,325,031
April .....	15,936	1,406,689	21,237	5,377,178
May .....	33,843	3,641,013	18,062	4,527,982
June .....	27,402	3,590,333	19,222	4,934,963
July .....	57,910	9,150,944	17,620	4,978,320
August .....	39,530	5,625,236	20,198	5,565,623
September .....	43,117	6,507,182	24,476	6,558,964
October .....	39,955	5,588,423	16,119	4,343,196
November .....				
December .....				
Year to date .....	306,962	40,062,401	198,797	51,041,257

TABLE 7. Consumption(1) of Refined Zinc, 1963 and 1964

	Refined zinc	
	1963	1964
	tons	
January .....	5,348	9,101
February .....	5,552	8,001
March .....	5,542	8,019
April .....	8,353	9,434
May .....	7,044	10,533
June .....	6,635	8,977
July .....	7,391	8,497
August .....	6,633	6,313
September .....	5,192	7,469
October .....	8,108	9,675
November .....	7,726	
December .....	5,787	
Totals .....	79,311	
Year to date .....	65,798	86,019

(1) Producers' shipments to domestic consumers.