

Annual Statistical Review
of the
Lead Industries Association, Inc.
1965

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Lead Ahead with Lead

Lead Industries Association, Inc.
292 Madison Avenue
New York, N.Y. 10017

**DOMESTIC SALES OF PIG LEAD
BY PRIMARY REFINERS AND IMPORTERS
(SHORT TONS)**

GRADES REPORTED SOLD DURING MONTH INDICATED

	CORRODING		COMMON		CHEMICAL		ANTIMONIAL		TOTAL		DAILY AVERAGE	
	1964	1965	1964	1965	1964	1965	1964	1965	1964	1965	1964	1965
January.....	57,872	41,409	12,775	5,253	540	1,893	5,193	1,884	76,379	52,439	2,464	1,692
February.....	30,704	37,679	3,091	6,444	1,215	930	1,686	2,061	36,396	47,163	1,255	1,684
March.....	33,832	53,747	6,744	4,672	1,120	2,542	6,773	2,790	48,477	63,719	1,564	2,059
April.....	40,434	30,317	10,321	4,303	1,725	2,421	2,941	3,575	64,441	40,616(1)	2,148	1,354
May.....	43,093	33,808	8,190	4,043	1,512	1,808	2,275	3,607	56,169	43,268(1)	1,780	1,366
June.....	43,027	30,610	6,378	3,457	1,005	2,488	3,234	2,482	53,644	36,407(1)	1,786	1,947
July.....	46,305	36,219	8,210	2,684	778	1,341	1,640	2,614	57,642	44,058	1,866	1,421
August.....	30,443	36,044	4,327	4,472	675	1,393	3,113	2,894	36,354	44,805	1,257	1,449
September.....	41,564	55,401	6,470	5,886	327	2,652	5,616	3,736	54,078	67,795	1,801	2,243
October.....	49,240	38,547	4,146	4,751	1,370	1,673	2,434	5,643	57,190	30,014(1)	1,716	1,613
November.....	43,216	46,818	3,616	8,351	727	660	2,060	4,073	49,619	57,132(1)	1,654	1,904
December.....	54,386	30,366	5,673	3,021	2,308	2,416	1,361	2,757	63,052	36,182(1)	2,036	1,908
TOTAL	518,747	512,997	81,091	54,538	13,410	22,438	36,798	38,134	651,957	626,108		
AVERAGE	43,229	42,738	6,758	4,545	1,118	1,870	3,226	3,178	54,338	52,343	1,781	1,721

GRADES SOLD TO DATE FOR SHIPMENT IN MONTH INDICATED

	CORRODING		COMMON		CHEMICAL		ANTIMONIAL		TOTAL		DAILY AVERAGE	
	1964	1965	1964	1965	1964	1965	1964	1965	1964	1965	1964	1965
January.....	45,322	54,140	12,182	5,431	2,779	1,940	4,945	1,794	64,066	67,333(1)	2,093	2,043
February.....	30,852	45,964	7,833	6,126	670	1,190	4,054	1,976	42,708	55,234	1,818	1,873
March.....	41,023	40,415	5,706	5,087	1,286	1,467	2,484	2,712	50,609	55,491	1,833	1,787
April.....	41,181	43,756	8,875	5,231	1,217	2,819	4,479	9,016	55,677	54,643	1,955	1,821
May.....	44,043	38,564	10,712	3,752	1,747	1,841	4,640	3,680	61,371	47,843(1)	1,960	1,547
June.....	44,611	41,747	6,447	4,131	1,408	1,780	2,220	1,644	54,764	44,774(1)	1,886	1,826
July.....	42,575	35,616	5,812	2,754	593	2,113	1,841	2,321	50,901	42,844	1,842	1,363
August.....	30,791	40,481	6,731	3,383	842	1,504	2,710	3,345	50,084	48,779	1,815	1,573
September.....	37,263	43,004	6,167	5,150	730	1,821	4,303	2,848	48,944	42,852	1,879	1,765
October.....	36,240	44,827	5,604	5,216	532	2,210	3,151	4,034	48,634	56,335(1)	1,579	1,817
November.....	41,555	47,814	5,249	4,778	943	1,243	2,605	4,710	50,476	50,715(1)	1,691	1,937
December.....	42,494	34,640	4,873	4,440	1,764	1,244	2,704	3,420	51,785(1)	43,778(1)	1,678	2,057
TOTAL	488,870	530,817	84,555	55,080	15,451	21,404	41,835	37,657	642,819	656,048		
AVERAGE	41,982	44,883	7,213	4,645	1,288	1,790	3,484	3,170	53,948	54,986	1,756	1,785

SALES SHOWN ABOVE ARE THOSE REPORTED FOR SHIPMENT IN THE MONTH INDICATED BEGINNING OF MONTH OF SALE

AVERAGE DAILY SALES ARE BASED ON THE ACTUAL NUMBER OF DAYS IN THE MONTH.

INCLUDES SALES OF FOREIGN LEAD MADE BY REPORTING COMPANIES TO DOMESTIC CONSUMERS WHETHER

MEMBERSHIP CHARGES INSIDE OR OUTSIDE THE U.S.

COMMON LEAD SALES INCLUDE SALES OF ACID OR COPPER LEAD.

(1) - IN ADDITION, 30,607 tons of storage lead were sold in August for shipment, 148 tons in August, 28,792 in September, and 1,210 in October. (2) - 5,426 tons in September and September shipment. (3) - 25 tons in November for shipment. (4) - 5,825 tons in December for shipment. (5) 673 in December, 1,610 in January, and 122 in February for 1965. (6) - 200 in January for Jan shipment. (7) 11,320 in May for May shipment. (8) 3,270 in May for shipment. (9) 1 in June for June shipment. (10) 8,664 in June for shipment. (11) 9,480 in Oct., 2,616 in November. (12) 1,224 in November for shipment. (13) 825 in November and in December. (14) 1,935 in December for shipment, 1,335 in January for shipment.

COMPANIES CONTRIBUTING DATA TO THIS REPORT ARE:

American Lead	International Refining Corp
American Refining & Refining Co	St. Joseph Lead Co
American Refining Co	C. Townsend, Sons & Co., of New York
The American Refining Co	United States Refining Refining &
Crown Refining Corp	Refining Co

PIG LEAD UNFILLED ORDERS

(SHORT TONS)*

Unfilled orders consist only of lead held for customer's account at smelter, refinery and warehouse, which has been sold and invoiced or paid for, but not shipped during the month specified in the sales contracts. It is essentially lead owned by customers and held or stored at smelter, refinery or warehouse as of the last day of the month.

	1963	1964	1965
January 31.....	1,767	1,362	2,298
February 28.....	900	1,362	1,959
March 31.....	1,088	1,312	813
April 30.....	789	1,611	716
May 31.....	490	1,711	648
June 30.....	766	1,711	648
July 31.....	3,022	4,527	3,773
August 31.....	2,972	3,019	2,850
September 30.....	2,616	2,159	1,025
October 31.....	1,599	1,309	1,025
November 30.....	1,042	1,209	200
December 31.....	734	1,180	1,450

Form AA

PIG LEAD SHIPMENTS*

(SHORT TONS)

	1963	1964	1965
January.....	63,223	59,320	51,364 (e)
February.....	59,161	52,380	48,061 (f)
March.....	54,263	49,920	50,639
April.....	49,413	54,508	50,707 (g)
May.....	58,900	61,202	39,794 (h)
June.....	56,871	53,529	49,135 (i)
July.....	57,147	50,917	41,653 (j)
August.....	57,347	35,910	49,661
September.....	53,266	48,617 (a)	48,741
October.....	60,846	53,952 (b)	53,016
November.....	63,440	46,324 (c)	51,570 (k)
December.....	61,123	44,004 (d)	53,272 (l)
TOTAL	694,998	611,363	585,613
AVERAGE	57,917	50,947	48,801

*Actual physical shipments of lead from plants, warehouse or steamer to domestic purchasers regardless of origin including bonded and drawback lead and including any shipments of pig lead previously stored for customer's account at plant or warehouse.

Stockpile shipped in addition (a) 16,266 (b) 9,813 (c) 147 (d) 2,207 (e) 2,749 (f) 264 (g) 155 (h) 7,068 (i) 8,595 (j) 1,140 (k) 5,413 (l) 1,020

Special Report

Companies contributing data to form AA and Special Report above are the same as those contributing to the Pig Lead Sales Report listed on Page 2.

PIG LEAD
MANUFACTURERS' STOCK REPORT

1965

(SHORT TONS)

The following are the stocks of Pig Lead in the hands of manufacturers at the beginning of the months indicated. To avoid duplication in the case of companies manufacturing both Pigments and Metallic Lead Products, stocks of Pig Lead in the two departments have been reported by the members separately.

		PIGMENT MANUFACTURERS		METALLIC LEAD PRODUCTS MANUFACTURERS		OTHER MANUFACTURERS		TOTAL	
		1964	1965	1964	1965	1964	1965	1964	1965
JANUARY	1.....	17,911	9,846	20,392	20,750	32,577	30,221	68,860	60,347
FEBRUARY	1.....	18,750	11,409	19,328	19,804	33,062	29,525	68,679	54,919
MARCH	1.....	13,431	8,690	17,120	16,705	30,750	28,525	61,611	49,900
APRIL	1.....	13,379	7,707	21,303	18,301	30,179	30,369	64,611	52,796
MAY	1.....	12,057	6,979	20,932	18,300	32,221	29,062	65,210	50,341
JUNE	1.....	9,207	7,820	20,075	18,525	33,070	32,960	63,152	57,276
JULY	1.....	10,501	8,274	19,590	18,099	34,125	31,298	64,308	60,442
AUGUST	1.....	17,029	13,013	18,818	15,306	37,114	38,061	72,956	66,492
SEPTEMBER	1.....	11,616	10,163	18,750	13,047	30,864	33,311	60,930	56,321
OCTOBER	1.....	10,033	8,600	20,900	13,136	23,400	27,104	60,561	49,042
NOVEMBER	1.....	13,779	8,600	21,531	14,700	33,894	24,909	60,094	46,297
DECEMBER	1.....	10,019	8,725	17,909	16,090	32,490	32,731	60,419	57,436
JANUARY	1, 1966		10,201		14,879		32,109		57,269

Companies contributing data to this report are:

PIGMENT MANUFACTURERS

Bunker Hill Co., Portland Div.
Exide Technologies Co.
Hammill-Lite Products, Inc.
John R. Harrison Lead Co.
National Lead Co.
National Lead Products Co.

METALLIC LEAD PRODUCTS MFG.

Amalgamated Lead & Zinc Co.
National Storage Div.
American Smelting & Ref. Co.
Inland Smelting & Ref. Co.
S. B. Smith Co., Lead Products
Division
Brazing Metals Corp.
Dow Chemical Co.
Bunker Hill Co., Portland Div.

METALLIC LEAD PRODUCTS MFG.
(Cont'd.)

Federal Metals Group
Bridgman, Inc.
Haworth Metals Corp.
Imperial Metals & Chemical Co.
J. W. Jones Metals Co.
Lead Products Co., Inc.
Metallurgical Products Corp.
Metallurgical Lead Group, Inc.
Noble Smelting & Ref. Co., Inc.
National Lead Co.
New England Smelt. & Ref. Co.
The S. M. Taylor Co.
E. L. Pitt & Co., Inc.
Reynolds Copper & Brass, Inc.
Fullbright
Reynolds Lead & Zinc Co.
Woods Metal & Zinc

OTHER MANUFACTURERS

Amalgamated Lead & Zinc Co.
Delta-Batt Div., General Motors
Corp.
E. I. DuPont de Nemours & Co., Inc.
Electric Storage Battery Co.
Exide Corp.
General Cable Corp.
General Electric Co.
Gross National Batteries, Inc.
Haworth Metals Corp.
Dewberry Co.
Ohio Metallurgical Industries Corp.
Pacific Coast Copper Products Corp.
Pittsburgh Co.
Reynolds Lead & Zinc Co., Inc.
John A. Reynolds & Sons Div.,
Exide Technologies Co.
Bunker Hill Co., Inc.

Lead Pigments
Domestic Shipments, Production and Stocks
1965

Companies contributing data to these reports are:

Bunker Hill Co., Pacific Products Div.
Eagle-Picher Co.
Hammud Lead Products, Inc.
John R. MacGregor Lead Co.
National Lead Co.
Western Lead Products Co.

LEAD PIGMENTS **DOMESTIC SHIPMENTS, PRODUCTION AND STOCKS** (SHORT TONS)

SHIPMENTS

	WHITE LEAD, DRY		WHITE LEAD IN OIL		LITHARGE		RED LEAD ¹ AND ORANGE MINERAL	
	SHIPMENT	LEAD CONTENT	SHIPMENT	LEAD CONTENT	SHIPMENT	LEAD CONTENT	SHIPMENT	LEAD CONTENT
JANUARY.....	700	967	174	124	0,263	0,612	2,067	1,093
FEBRUARY.....	611	661	130	90	0,330	0,340	1,895	1,715
MARCH.....	604	643	234	167	0,715	0,006	2,730	2,604
APRIL.....	796	837	133	85	0,171	0,564	2,411	2,164
MAY.....	836	646	169	117	0,030	0,361	2,871	2,672
JUNE.....	922	737	143	102	0,264	0,165	2,456	2,225
JULY.....	720	576	167	105	0,227	7,615	2,134	1,975
AUGUST.....	663	691	157	112	0,404	0,726	2,567	2,333
SEPTEMBER.....	754	603	161	115	0,547	0,650	2,215	2,134
OCTOBER.....	767	639	119	85	10,136	0,403	2,540	2,302
NOVEMBER.....	671	537	86	61	12,162	11,242	2,500	2,260
DECEMBER.....	639	504	70	50	10,642	0,675	2,794	2,171
TOTAL 1965	9,341	7,473	1,727	1,231	115,967	107,110	29,643	26,366
AVERAGE	770	625	144	102	9,633	8,929	2,472	2,199
TOTAL 1964	10,367	8,342	1,965	1,200	112,192	104,676	26,614	24,267
AVERAGE	864	695	164	117	9,332	8,740	2,235	2,022

PRODUCTION

JANUARY.....	632	500	122	67	0,401	0,701	2,267	2,000
FEBRUARY.....	677	670	106	75	7,043	7,294	2,010	1,821
MARCH.....	607	630	240	131	0,001	0,100	2,664	2,343
APRIL.....	500	626	247	170	0,361	0,070	2,092	1,894
MAY.....	7,057	996	130	67	0,000	0,110	2,580	2,649
JUNE.....	1,009	637	130	137	0,030	0,210	2,510	2,127
JULY.....	667	376	94	50	0,240	0,110	2,166	1,955
AUGUST.....	736	706	90	65	0,001	0,070	2,170	1,942
SEPTEMBER.....	702	576	142	107	0,210	0,144	2,637	2,180
OCTOBER.....	660	767	90	71	11,761	11,272	2,161	2,141
NOVEMBER.....	605	630	71	50	11,442	10,191	2,576	2,207
DECEMBER.....	501	607	61	40	10,740	10,004	2,895	2,267
TOTAL 1965	9,000	7,257	1,540	1,140	114,930	106,163	29,765	26,064
AVERAGE	750	605	129	95	9,580	8,849	2,487	2,174
TOTAL 1964	10,263	8,726	1,974	1,005	113,915	104,446	26,472	23,950
AVERAGE	855	694	164	117	9,494	8,704	2,236	1,997

STOCKS

JANUARY 1, 1965	2,782	1,611	552	304	7,070	7,194	2,950	2,650
FEBRUARY 1, 1965	2,204	1,752	470	150	6,011	7,368	1,180	2,934
MARCH 1, 1965	2,231	1,750	664	346	6,045	6,370	2,764	2,600
APRIL 1, 1965	2,750	1,764	674	330	7,615	6,400	2,900	2,600
MAY 1, 1965	1,940	1,530	504	220	7,645	6,000	2,552	2,617
JUNE 1, 1965	2,160	1,650	550	220	7,767	6,000	2,715	2,602
JULY 1, 1965	2,254	1,761	555	275	6,001	6,710	1,730	2,964
AUGUST 1, 1965	1,962	1,561	507	150	7,025	7,171	1,772	2,036
SEPTEMBER 1, 1965	1,975	1,642	635	312	7,002	6,510	2,966	2,644
OCTOBER 1, 1965	1,473	1,630	610	220	6,010	6,210	1,917	2,701
NOVEMBER 1, 1965	2,025	1,560	700	205	7,765	7,041	1,500	2,700
DECEMBER 1, 1965	2,150	1,690	303	270	7,000	6,117	2,090	2,747
JANUARY 1, 1966	2,031	1,596	374	204	7,004	6,362	1,100	2,641

IN PROCESS

WHITE LEAD				LEAD OXIDES ²			
JANUARY 1, 1965	700	JULY 1, 1965	645	JANUARY 1, 1965	3,525	AUGUST 1, 1965	4,771
FEBRUARY 1, 1965	717	AUGUST 1, 1965	667	FEBRUARY 1, 1965	3,780	SEPTEMBER 1, 1965	5,160
MARCH 1, 1965	810	SEPTEMBER 1, 1965	672	MARCH 1, 1965	6,150	OCTOBER 1, 1965	5,764
APRIL 1, 1965	876	OCTOBER 1, 1965	675	APRIL 1, 1965	3,772	NOVEMBER 1, 1965	5,160
MAY 1, 1965	760	NOVEMBER 1, 1965	676	MAY 1, 1965	3,675	DECEMBER 1, 1965	5,255
JUNE 1, 1965	672	DECEMBER 1, 1965	675	JUNE 1, 1965	3,170	JANUARY 1, 1966	4,970
		JANUARY 1, 1966	681				

¹ Includes dry stock in all 48 dry states
² Includes all lead
³ Includes all lead

1-60-0

DOMESTIC METALLIC LEAD PRODUCTS

Shipments

1968

COMPANIES CONTRIBUTING DATA TO THESE REPORTS ARE:

[NUMBERS AFTER COMPANY NAMES INDICATE PRODUCTS REPORTED BY EACH COMPANY, I.E., 1-SOLDER, 2-DEADENING METALS, 3-ANTIMONIAL LEAD PRODUCTS, 4-TYPE METAL AND IMPRESSION LEAD, 5-PIPE AND EXTRUDED PRODUCTS (INCLUDING TRAPS AND BENDS,) 6-BOLTED PRODUCTS, 7-MISCELLANEOUS LEAD PRODUCTS (INCLUDING COALING LEAD.)]

AMERICAN BRASS SHOT CO., NATIONAL BRASSING DIV. - 2
 AMERICAN METAL CLIMAX, INC. - 1
 AMERICAN SMELTING & REFINING CO., INCLUDING
 FEDERATED METALS DIV. - 1, 2, 3, 4, 5, 6, 7
 G. A. ARCEL CO., LEAD PRODUCTS DIV. - 1, 2, 3, 7
 BRASSING METALS CORP. - 2
 BRY & CO., INC. - 1, 3, 7
 BUNTED HILL CO. - 7
 BUNTED HILL CO., PACIFIC DIVISION -
 1, 2, 3, 4, 5, 6, 7
 FEDERAL-ALUMINUM BRASS BRASSING, INC. - 2
 FLEWY LEAD CO., INC. - 1, 5, 6, 7
 GARDNER METAL CO. - 1, 2, 3, 4, 5, 7

HEWITT METALS CORP. - 1, 2, 4, 6, 7
 IMPERIAL METAL & CHEMICAL CO. - 4
 JOHNSON BRASS CO. - 2
 LEAD PRODUCTS CO., INC. - 1, 2, 3, 7
 METALCUT PRODUCTS CORP. - 7
 WILLOWHILL LEAD BRASS, INC. - 5, 7
 NASSAU SMELTING & REFINING CO. - 1, 2, 3, 7
 NATIONAL LEAD CO. - 1, 2, 3, 4, 5, 6, 7
 NEW ENGLAND SMELTING BRASS, INC. - 1, 2, 3, 4, 7
 THE L. H. GARY CO. - 1, 5, 6, 7
 E. L. POST & CO., INC. - 2
 REYNOLDS COPPER & BRASS INC., PAST DIV. - 6
 RIVER SMELTING & REFINING CO. - 1, 2, 4, 7
 WYOMING VITREOUS & SANDS - 1, 3, 7

NOTE Adjustments have been made in these reports to eliminate duplication resulting from shipments between reporting companies.

METALLIC LEAD PRODUCTS

Domestic Shipments

(SHORT TONS)

PRODUCT INDUSTRY	1943		1944		1945	
	AMOUNT	LEAD CONTENT	AMOUNT	LEAD CONTENT	AMOUNT	LEAD CONTENT
SOLDER						
Automobile Radiators, Etc.	14,538	12,026	15,240	12,530	17,764	14,823
Can Manufacturers and Canning	5,271	4,765	5,564	5,041	5,049	4,521
Coffins	1,605	1,847	1,850	1,850	1,932	1,965
Other	49,656	34,710	52,730	37,361	56,544	41,300
Total	71,069	52,756	75,421	56,489	81,309	62,399
BEARING METALS						
Railroad - Lead & Tin Base	10,093	8,435	10,731	8,563	9,918	8,177
Other - Lead & Tin Base	8,225	5,064	9,360	5,002	10,145	5,070
Other Bearing Metals	14,572	2,603	14,364	2,500	12,875	2,134
Total	32,890	16,106	33,955	16,065	32,938	16,280
ANTIMONIAL LEAD PRODUCTS						
Storage Batteries	127,300	118,245	123,200	114,723	126,632	119,654
Other	64,170	41,006	60,200	45,997	53,044	40,917
Total	171,430	159,923	172,570	160,720	181,000	160,951
TYPE METAL AND IMPRESSION LEAD						
Electrotype Metal	2,330	2,162	1,967	1,647	1,950	1,720
Other Type Metal	21,021	16,795	21,008	16,515	20,082	15,913
Impression Lead	80	80	19	19	10	10
Total	23,431	18,937	22,994	18,181	21,942	17,643
LEAD PIPE AND EXTRUDED PRODUCTS						
Pipe and Fittings	10,000	18,934	10,551	18,616	13,570	15,453
Teeds and Bends	1,723	1,723	1,770	1,770	1,900	1,900
Other	951	940	762	692	564	550
Total	12,674	21,600	13,083	21,078	16,034	17,903
ROLLED LEAD PRODUCTS						
Sheet and Strip	22,910	22,730	23,674	23,330	23,044	22,760
Collapsible Tube Braid	910	903	300	317	432	387
Total	23,820	23,633	23,974	23,647	23,476	23,147
MISCELLANEOUS LEAD PRODUCTS						
Casting Lead	67,930	67,970	61,630	61,630	50,340	50,340
Other	33,150	32,067	41,004	41,118	40,462	41,453
Total	101,080	100,037	102,634	102,748	90,802	91,793

METALLIC LEAD PRODUCTS DOMESTIC SHIPMENTS

(SHORT TONS)

SOLDER

1965	AUTOMOBILE RADIATORS ETC		CAN MFRS. AND CANNING		COATINGS		OTHER		TOTAL		1964 TOTAL	
	AMOUNT	CONTENT	AMOUNT	CONTENT	AMOUNT	CONTENT	AMOUNT	CONTENT	AMOUNT	CONTENT	AMOUNT	CONTENT
JANUARY	1,418	1,185	303	351	111	90	4,517	3,182	6,429	4,808	6,184	4,607
FEBRUARY	1,418	1,177	471	426	90	78	5,000	3,526	6,987	5,207	6,009	4,457
MARCH	1,692	1,416	351	306	291	237	5,473	3,843	7,807	5,804	6,375	4,921
APRIL	1,366	1,334	475	428	816	167	5,081	3,564	7,362	5,515	5,872	5,104
MAY	1,709	1,406	303	322	219	174	5,262	3,735	7,573	5,648	6,793	5,094
JUNE	1,736	1,464	580	524	194	155	5,364	3,791	7,878	5,936	7,402	5,514
JULY	1,417	1,194	342	303	121	94	4,643	3,425	6,763	5,019	5,926	4,420
AUGUST	1,100	904	571	527	123	94	4,146	2,915	5,940	4,442	5,846	4,330
SEPTEMBER	1,344	1,118	303	320	141	111	4,643	2,843	5,911	4,412	6,094	4,542
OCTOBER	1,406	1,174	379	322	92	73	4,936	3,466	6,795	5,057	5,418	4,256
NOVEMBER	1,467	1,229	400	350	230	190	5,246	3,541	7,263	5,728	5,932	4,384
DECEMBER	1,461	1,219	301	323	100	79	4,347	3,204	6,489	4,926	6,556	4,870
TOTAL	17,764	14,823	5,046	4,321	1,932	1,555	58,544	41,500	83,309	62,399		
AVERAGE	1,480	1,235	421	377	163	130	4,879	3,454	6,943	5,200		
TOTAL 1964	15,746	12,636	5,544	5,041	1,930	1,456	52,730	37,361			75,421	56,499
AVERAGE	1,271	1,053	465	420	156	122	4,394	3,113			6,295	4,708

FORM M-1

BEARING METALS

1965	RAILROAD		OTHER		OTHER BEARING METALS		TOTAL		1964 TOTAL	
	AMOUNT	CONTENT	AMOUNT	CONTENT	AMOUNT	CONTENT	AMOUNT	CONTENT	AMOUNT	CONTENT
JANUARY	750	633	801	518	903	745	2,454	1,316	2,712	1,291
FEBRUARY	821	671	917	544	1,049	771	2,807	1,396	3,059	1,642
MARCH	815	670	907	544	1,270	813	3,022	1,440	2,746	1,276
APRIL	807	715	1,090	656	1,206	805	3,173	1,576	2,935	1,475
MAY	806	731	801	601	1,166	779	2,843	1,391	2,618	1,427
JUNE	808	653	913	570	1,162	797	2,923	1,420	2,643	1,406
JULY	729	605	809	510	857	732	2,415	1,247	2,407	1,234
AUGUST	793	646	722	399	866	742	2,453	1,197	2,659	1,266
SEPTEMBER	816	670	824	543	1,206	817	2,746	1,240	2,742	1,314
OCTOBER	823	691	879	506	981	744	2,692	1,345	2,745	1,417
NOVEMBER	855	709	836	383	876	771	2,670	1,242	2,600	1,319
DECEMBER	930	775	796	485	1,057	776	2,793	1,436	2,899	1,383
TOTAL	9,919	8,177	10,106	6,070	12,076	7,134	32,936	16,399		
AVERAGE	827	681	841	506	1,073	778	2,746	1,347		
TOTAL 1964	10,231	8,463	9,340	5,642	14,364	7,926			31,955	16,763
AVERAGE	855	710	798	467	1,187	709			2,830	1,382

FORM M-2

METALLIC LEAD PRODUCTS DOMESTIC SHIPMENTS

(SHORT TONS)

ANTIMONIAL LEAD PRODUCTS

1965	STORAGE BATTERIES		OTHER		TOTAL		1964 TOTAL	
	AMOUNT	LEAD CONTENT	AMOUNT	LEAD CONTENT	AMOUNT	LEAD CONTENT	AMOUNT	LEAD CONTENT
JANUARY.....	11,316	10,428	3,853	3,804	15,069	14,032	15,701	14,641
FEBRUARY.....	11,187	10,380	3,751	3,674	14,938	13,954	12,802	11,671
MARCH.....	11,081	10,314	4,132	3,919	15,213	14,233	12,534	11,716
APRIL.....	8,276	7,995	8,976	8,904	14,252	13,299	12,813	12,066
MAY.....	10,001	10,043	4,363	4,088	15,163	14,141	13,185	12,324
JUNE.....	9,100	8,544	4,804	4,564	14,074	13,108	14,246	13,245
JULY.....	8,781	8,173	3,422	3,223	12,203	11,396	12,063	11,200
AUGUST.....	10,049	9,347	3,846	3,638	13,895	12,986	13,722	12,834
SEPTEMBER.....	10,647	9,907	5,227	4,934	15,874	14,841	16,100	14,771
OCTOBER.....	11,753	10,936	4,752	4,600	16,505	15,536	16,879	15,704
NOVEMBER.....	12,062	11,163	5,216	4,906	18,308	17,069	19,940	18,621
DECEMBER.....	12,009	11,722	4,630	4,343	17,644	16,065	17,063	15,936
TOTAL.....	120,638	110,634	52,066	48,917	181,606	169,551		
AVERAGE.....	10,179	9,679	4,422	4,160	15,141	14,120		
TOTAL 1964.....	122,200	114,723	48,804	45,967			172,570	160,720
AVERAGE.....	10,274	9,580	4,187	3,933			14,301	13,703

FORM 10-3

TYPE METAL AND IMPRESSION LEAD

1965	ELECTROTYPE METAL		OTHER TYPE METAL		IMPRESSION LEAD		TOTAL		1964 TOTAL	
	AMOUNT	LEAD CONTENT	AMOUNT	LEAD CONTENT	AMOUNT	LEAD CONTENT	AMOUNT	LEAD CONTENT	AMOUNT	LEAD CONTENT
JANUARY.....	207	181	1,491	1,164	-	-	1,698	1,345	1,600	1,302
FEBRUARY.....	100	84	1,167	1,220	-	-	1,267	1,304	1,096	1,351
MARCH.....	211	217	1,060	1,031	1	1	1,272	1,248	1,007	1,316
APRIL.....	189	179	1,720	1,348	4	4	1,913	1,327	2,071	1,957
MAY.....	170	110	1,035	1,201	-	-	1,205	1,311	2,042	1,930
JUNE.....	132	123	1,770	1,416	4	4	1,913	1,423	2,009	1,645
JULY.....	120	121	1,570	1,221	1	1	1,691	1,344	1,970	1,600
AUGUST.....	140	133	1,539	1,188	-	-	1,679	1,321	1,911	1,445
SEPTEMBER.....	134	125	1,060	1,277	2	2	1,200	1,294	1,995	1,600
OCTOBER.....	200	190	1,060	1,255	2	2	1,262	1,247	1,970	1,600
NOVEMBER.....	131	121	1,740	1,361	2	2	1,873	1,363	1,920	1,600
DECEMBER.....	123	113	1,077	1,300	-	-	1,200	1,401	1,953	1,947
TOTAL.....	1,810	1,726	10,807	10,913	10	10	21,640	12,656		
AVERAGE.....	154	144	1,070	1,326	1	1	1,800	1,471		
TOTAL 1964.....	1,807	1,647	11,000	10,913	10	10			23,016	18,181
AVERAGE.....	154	144	1,100	1,376	2	2			1,918	1,432

FORM 10-4

METALLIC LEAD PRODUCTS DOMESTIC SHIPMENTS

(SHORT TONS)

LEAD PIPE AND EXTRUDED PRODUCTS

1965	PIPE & TUBING		TRAPS & BONDS		OTHER		TOTAL		1964 TOTAL	
	AMOUNT	LEAD CONTENT	AMOUNT	LEAD CONTENT	AMOUNT	LEAD CONTENT	AMOUNT	LEAD CONTENT	AMOUNT	LEAD CONTENT
JANUARY.....	1,200	1,185	171	171	60	67	1,440	1,423	1,512	1,501
FEBRUARY.....	1,070	1,066	110	110	50	55	1,230	1,231	1,533	1,522
MARCH.....	1,907	1,893	172	172	66	43	1,783	1,786	1,653	1,660
APRIL.....	1,134	1,140	100	100	50	57	1,272	1,243	1,771	1,754
MAY.....	1,032	1,021	100	100	45	45	1,444	1,414	1,444	1,434
JUNE.....	1,509	1,577	200	200	26	23	1,624	1,811	1,803	1,788
JULY.....	1,740	1,732	133	133	32	31	1,865	1,796	1,630	1,635
AUGUST.....	1,125	1,127	205	205	30	37	1,370	1,369	1,466	1,470
SEPTEMBER.....	1,323	1,314	140	140	61	50	1,522	1,523	1,604	1,600
OCTOBER.....	1,132	1,121	144	144	30	30	1,312	1,301	1,340	1,327
NOVEMBER.....	1,306	1,310	132	132	45	44	1,463	1,532	1,340	1,330
DECEMBER.....	1,343	1,332	110	110	52	51	1,511	1,501	1,343	1,332
TOTAL.....	15,570	15,633	1,898	1,898	564	580	18,041	17,901		
AVERAGE.....	1,290	1,290	150	150	47	48	1,503	1,492		
TOTAL 1964.....	16,951	16,414	1,770	1,770	702	692			19,031	18,840
AVERAGE.....	1,370	1,366	140	140	60	50			1,500	1,474

FORM 1

ROLLED LEAD PRODUCTS

1965	SHEET & STRIP		COLLAPSIBLE TUBE DISCS		TOTAL		1964 TOTAL	
	AMOUNT	LEAD CONTENT	AMOUNT	LEAD CONTENT	AMOUNT	LEAD CONTENT	AMOUNT	LEAD CONTENT
JANUARY.....	1,547	1,529	24	21	1,571	1,550	2,000	1,970
FEBRUARY.....	1,510	1,540	19	17	1,527	1,557	2,004	1,974
MARCH.....	2,199	2,171	41	36	2,240	2,207	1,533	1,500
APRIL.....	1,999	1,973	40	43	2,047	2,016	1,819	1,791
MAY.....	2,115	2,099	30	34	2,153	2,133	1,932	1,904
JUNE.....	1,090	1,073	62	55	1,150	1,079	2,748	2,705
JULY.....	1,720	1,710	33	29	1,750	1,729	1,841	1,843
AUGUST.....	2,222	2,194	20	25	2,240	2,219	2,042	2,017
SEPTEMBER.....	1,000	1,043	23	23	1,000	1,066	2,321	2,249
OCTOBER.....	2,212	2,177	40	43	2,240	2,215	2,401	2,371
NOVEMBER.....	1,931	1,976	30	27	1,961	1,933	1,934	1,914
DECEMBER.....	1,003	1,049	30	34	1,031	1,083	1,947	1,979
TOTAL.....	23,000	22,760	430	387	23,000	22,155		
AVERAGE.....	1,922	1,997	36	32	1,950	1,979		
TOTAL 1964.....	23,074	23,220	600	517			24,244	23,887
AVERAGE.....	1,919	1,941	60	43			2,021	1,907

FORM 10

**METALLIC LEAD PRODUCTS
DOMESTIC SHIPMENTS**

(SHORT TONS)

MISCELLANEOUS LEAD PRODUCTS

1945	CALCING LEAD		OTHER		TOTAL		1944 TOTAL	
	AMOUNT	LEAD CONTENT	AMOUNT	LEAD CONTENT	AMOUNT	LEAD CONTENT	AMOUNT	LEAD CONTENT
JANUARY	3,714	3,714	3,964	3,960	7,278	7,214	9,120	9,130
FEBRUARY	3,321	3,321	4,492	4,340	7,773	7,670	6,350	6,315
MARCH	4,552	4,552	4,640	4,530	9,308	9,090	8,267	8,211
APRIL	4,754	4,754	4,060	4,740	8,614	9,503	8,003	8,005
MAY	4,253	4,253	3,771	3,705	8,024	7,958	9,756	9,287
JUNE	4,257	4,257	4,445	4,344	8,702	8,601	9,649	9,631
JULY	4,724	4,724	2,005	2,021	7,709	7,645	8,092	8,032
AUGUST	4,940	4,940	3,903	3,907	8,153	8,047	8,761	8,606
SEPTEMBER	4,020	4,020	4,509	4,433	8,329	8,253	9,160	9,094
OCTOBER	4,353	4,353	3,001	3,730	8,154	8,080	9,066	9,017
NOVEMBER	4,002	4,002	3,647	3,572	7,649	7,574	8,091	8,034
DECEMBER	3,030	3,030	4,167	4,100	7,217	7,130	8,751	8,192
TOTAL	50,340	50,340	40,662	47,653	90,002	97,793		
AVERAGE	4,195	4,195	4,070	3,954	8,233	8,149		
TOTAL 1944	61,630	61,630	41,064	41,110			103,516	102,740
AVERAGE	5,136	5,136	3,880	3,626			8,626	8,462

FORM M. 7

ESTIMATED DOMESTIC LEAD CONSUMPTION

(SHORT TONS)

A breakdown of each month's consumption figures for 1965, will be found on the following pages.

	<u>1963</u>	<u>1964</u>	<u>1965</u>
January.....	99,570	95,065	93,755
February.....	82,670	83,730	86,265
March.....	81,850	81,760	93,260
April.....	78,510	91,320	88,885
May.....	88,440	92,340	90,835 a
June.....	87,030	88,740	90,185 a
July.....	78,565	86,025	72,180
August.....	83,430	85,045 a	89,740
September.....	86,785	92,725 a	93,700
October.....	94,955	89,390 a	94,390
November.....	88,510	92,395 a	94,380
December.....	85,210	95,875 a	91,985
TOTAL	1,025,515	1,074,430(a)	1,079,560(a)
MONTHLY AVERAGE	86,295	89,535	89,965

NOTE: We estimate that the 1963 figures are low by approximately 127,900 tons, 1964 figures by 127,700 tons and 1965 figures by 141,600.

a includes stockpile lead shipped to customers.

ESTIMATED DOMESTIC LEAD CONSUMPTION

YEAR 1965

Lead Content

(SHORT TONS)

INDUSTRY	WHITE LEAD		MISC. LEAD COMPOUNDS	LITHARGE	RED LEAD	SOLDER	BEARING METALS	ANTIMONIAL LEAD PRODUCTS	PIPE AND EXTRUDED PRODUCTS	ROLLED PRODUCTS	CALCINING LEAD	MISCELLANEOUS PRODUCTS	1965 TOTAL	1964 TOTAL
	DRY	IN OIL												
STORAGE BATTERIES..				62,675	11,125			143,265				140,470	357,625	338,640
CABLE.....												50,345	50,345	52,020
PAINT & VARNISH....	5,410	1,225	3,345	3,425	12,140							25,545	25,545	25,920
AMMUNITION.....												26,100	26,100	23,525
OIL REF. & GASOLINE				2,256	65							202,405	205,705	209,110
CONSTRUCTION.....									17,340	22,775	52,995	11,005	103,000	120,425
INSECTICIDES.....				605	5								700	845
PRINTING.....												17,705	17,705	19,120
CERAMICS.....	65			30,500	700								21,425	20,000
COLORS.....				10,345	65							5,920	16,340	16,425
RAILROADS.....							8,100						8,100	8,500
AUTOMOBILES.....						21,420							21,420	18,640
CANS.....						5,720							5,720	12,720
STEEL & IRON.....												5,500	5,500	4,725
COLLAPSIBLE TUBES..										200			200	1,205
RUBBER & PLASTIC				1,005	210							2,000	4,275	4,155
COATINGS.....						1,565							1,565	1,455
BRASS WPS.....												2,125	2,125	1,575
LEAD HEAD BAILS....												1,170	1,170	1,190
SEALS.....												225	225	210
ABRASIVES.....												160	160	220
UNCLASSIFIED.....	1,005		8,205	3,750	2,010	45,100	8,520	37,970	545			60,920	108,720	122,505
1965 TOTAL	7,470	1,225	8,650	107,615	24,300	72,005	16,720	181,235	17,000	23,145	52,005	527,310	1,079,100	1,079,100
1964 TOTAL	8,315	1,205	9,400	105,605	24,230	73,005	17,215	167,610	18,005	24,725	63,025	510,070		1,074,420

a. INCLUDES BLACK OXIDE

b. INCLUDES LEAD CONTENT OF LEADED ZINC OXIDE

c. SHEET AND STRIP

d. COMPARED TO U.S. BUREAU OF MINES FIGURES, THE 1964 TOTAL IS LOW BY 127,700 SHORT TONS, PARTICULARLY IN STORAGE BATTERIES, AMMUNITION, OIL REF. AND GASOLINE AND BRASS WPS. FOR MORE COMPLETE CONSUMPTION DATA ON VARIOUS INDUSTRIES, THE BUREAU OF MINES REPORT ON LEAD IS RECOMMENDED.

e. COMPARED TO U.S. BUREAU OF MINES FIGURES, THE 1965 TOTAL IS LOW BY 181,000 SHORT TONS, PARTICULARLY IN STORAGE BATTERIES, AMMUNITION, OIL REF. AND GASOLINE AND BRASS WPS. FOR MORE COMPLETE CONSUMPTION DATA ON VARIOUS INDUSTRIES, THE BUREAU OF MINES REPORT ON LEAD IS RECOMMENDED.

f. INCLUDED STOCKPILE LEAD SHIPPED TO CONSUMERS

FORM 9

ESTIMATED DOMESTIC LEAD CONSUMPTION

JANUARY

Lead Content

(SHORT TONS)

INDUSTRY	WHITE LEAD DRY	WHITE LEAD IN OIL	MISC. LEAD COMPOUNDS	LITHARGE	RED LEAD	SOLDER	BEARING METALS	ANTIFRICTIONAL LEAD PRODUCTS	PIPE AND EXTRUDED PRODUCTS	ROLLED PRODUCTS	CALAMINE LEAD	MISCELLANEOUS PRODUCTS	1965 JAN. TOTAL	1964 JAN. TOTAL
STORAGE BATTERIES...				4,956	975			11,000				14,400a	32,015	36,730
CABLE.....												3,010	3,010	4,255
PAINT & VARNISH....	300	125	340a	325	700								1,870	1,875
AMMUNITION.....													2,770	1,745
OIL REF. & GASOLINE				100									10,200	10,475
CONSTRUCTION.....									1,305	1,530c	3,005	1,340	6,180	11,060
INSECTICIDES.....				96									96	115
PRINTING.....												1,330	1,335	1,300
CERAMICS.....	5			1,710	30								1,710	1,940
COLORS.....				640								610	1,250	1,405
RAILROADS.....													330	300
AUTOMOBILES.....						1,630	630						1,630	1,805
CARS.....						930							930	1,035
STEEL & PIPE.....												670	670	740
COLLAPSEABLE TUBES..										20			20	330
RUBBER & ROPE.....				100	05							105	340	795
COATINGS.....						00							00	05
BRASS WFG.....												70	70	40
LEAD HEAD NAILS.....												100	100	30
SEALS.....													..	25
ADHESIVES.....													..	20
UNCLASSIFIED.....	170		000	005	00	3,630	730	2,900	05			0,305	10,035	14,090
JAN TOTAL 1965	565	125	905	6,095	1,000	6,205	1,365	14,775	1,620	1,950	3,005	52,005	93,795	
JAN TOTAL 1964	520	05	500	10,515	2,100	6,300	1,320	15,725	1,300	2,270	0,045	47,905		95,005

a. INCLUDES BLACK OXIDE

b. INCLUDES LEAD CONTENT OF LEADED ZINC OXIDE

c. SHEET AND STRIP

ESTIMATED DOMESTIC LEAD CONSUMPTION

FEBRUARY

Lead Content

(SHORT TONS)

INDUSTRY	WHITE LEAD		MISC. LEAD COMPOUNDS	LITHARGE	RED LEAD	SOLDER	BEARING METALS	ANTIFRICTIONAL LEAD PRODUCTS	PIPE AND EXTRUDED PRODUCTS	ROLLED PRODUCTS	CALCINING LEAD	MISCELLANEOUS PRODUCTS	1945 FEB. TOTAL	1944 FEB. TOTAL
	DRY	IN OIL												
STORAGE BATTERIES..				4,000	885			12,230				10,770	28,785	25,430
CABLE.....												4,240	4,240	5,545
PAINT & VARNISH.....	470	100	120	270	710							1,680	1,680	1,630
AMMUNITION.....												1,810	1,810	1,675
OIL REF. & GASOLINE				195								10,570	10,765	10,305
CONSTRUCTION.....									1,185	1,640	3,500	375	6,600	6,245
INSECTICIDES.....				30									30	80
PRINTING.....												1,315	1,315	1,695
CERAMICS.....	5			1,730	30								1,790	1,670
COLORES.....				500								745	1,265	1,310
RAILROADS.....							670						670	770
AUTOMOBILES.....						1,775							1,775	1,060
CARS.....						670							670	975
STEEL & PIPE.....												300	300	430
CELLULOSE PULP.....										10			10	790
RUBBER & HOSE.....				130	10							135	260	325
COAST GUARDS.....						80							80	105
BRASS WPC.....												295	255	195
LEAD HEAD BAILS.....												80	80	165
SEALS.....												20	20	50
ABRASIVES.....												50	50	50
UNCLASSIFIED.....	305		510	955	90	4,045	725	2,150	50			2,305	19,845	19,845
FEB. TOTAL 1945	995	100	240	8,250	1,730	8,735	1,395	14,380	1,240	1,545	3,500	45,970	66,785	
FEB. TOTAL 1944	383	143	733	7,815	1,730	5,175	1,530	12,275	1,575	2,150	4,045	44,970		62,730

A. INCLUDES BLACK OXIDE

B. INCLUDES LEAD CONTENT OF LEADED ZINC OXIDE

C. SHEET AND STRIP

ESTIMATED DOMESTIC LEAD CONSUMPTION

MARCH

Lead Content

(SHORT TONS)

	WHITE LEAD		MISC.	LITHARGE	RED	SOLDER	BEARING	ANTHERIAL	PIPE AND	ROLLED	CALC. ING.	MISCELLANEOUS	1943	1944
	DRY	IN OIL	LEAD COMPOUNDS		LEAD		METALS	LEAD PRODUCTS	EXTRADED PRODUCTS	PRODUCTS	LEAD	PRODUCTS	MARCH TOTAL	MARCH TOTAL
STORAGE BATTERIES.....				5,005	1,105			12,000				11,315a	29,505	24,000
CABLE.....												4,005	4,005	4,210
PAINT & VARNISH.....	470	145	275a	310	1,200							2,510	2,510	2,040
AMMUNITION.....												3,440	3,440	1,710
OIL REF. & GASOLINE				215								15,000	15,305	15,005
CONSTRUCTION.....									1,725	2,170c	4,745	975	9,615	9,505
INSECTICIDES.....				50								55	55	70
PRINTING.....												1,050	1,050	1,515
CERAMICS.....	5			1,070	100							2,075	2,075	1,410
COLORS.....				615								490	1,005	1,220
RAILROADS.....							970						970	720
AUTOMOBILES.....						2,020							2,020	1,740
CARS.....						715							715	920
STEEL & IRON.....												415	415	705
COLLAPSE TUBES.....										35			35	65
RUBBER & HOSE.....				160	20							200	200	220
COATINGS.....						220							220	125
BRASS W/6.....												110	110	
LEAD HEAD BATES.....												110	110	160
SEALS.....												60	60	75
ABRASIVES.....														
UNCLASSIFIED.....	170		425	105	95	4,250	700	2,400	45			8,095	10,025	15,070
MARCH TOTAL 1943	645	145	700	8,005	2,610	7,220	1,440	14,760	1,770	2,205	4,745	47,905	93,200	
MARCH TOTAL 1944	605	125	795	7,750	1,930	8,175	1,415	12,770	1,600	1,510	5,730	41,755		91,700

a. INCLUDES BLACK OXIDE

b. INCLUDES LEAD CONTENT OF LEADED ZINC OXIDE

c. SHEET AND STRIP

ESTIMATED DOMESTIC LEAD CONSUMPTION

APRIL

Lead Content

(SHORT TONS)

INDUSTRY	WHITE LEAD DRY	MISC. LEAD COMPOUNDS	LITHARGE	RED LEAD	SOLDER	BEARING METALS	ANTIFRICAL LEAD PRODUCTS	PIPE AND EXTRUDED PRODUCTS	ROLLED PRODUCTS	CALAMINE LEAD	MISCELLANEOUS PRODUCTS	1945 APRIL TOTAL	1946 APR TOT
STORAGE BATTERIES..			4,000	1,000			0,000				0,000	75,795	76,0
CABLE.....											0,000	3,000	4,0
PAINT & VARNISH.....	400	05	2750	200	000						0,000	2,100	2,1
AMMUNITION.....											0,000	3,000	2,2
OIL REF. & GASOLINE			200								0,000	10,000	10,1
CONSTRUCTION.....								1,300	1,075	0,000	1,000	0,415	10,2
INSECTICIDES.....			50									50	
PRINTING.....											1,500	1,500	1,0
CERAMICS.....	5		1,000	75								1,000	1,1
COLORS.....			000								000	1,000	1,2
RAILROADS.....						710						710	7
AUTOMOBILES.....					2,000							2,000	2,0
CARS.....					700							700	1,0
STEEL & PIPE											000	000	0
COLLAPSIBLE TUBES..									45			45	0
WELDING METAL			100	10							000	000	0
COATINGS.....					100							100	1
BRASS MFG.....											275	275	1
LEAD HEAD NAILS.....											100	100	1
SEALS.....											25	25	0
ABRASIVES.....													
UNCLASSIFIED.....	100	500	010	70	4,000	000	4,700	00			2,310	10,000	10,1
APRIL TOTAL 1945	075	05	775	0,500	2,100	7,075	1,000	10,300	1,300	2,070	0,000	40,000	
APRIL TOTAL 1946	070	100	000	0,275	2,000	0,000	1,500	11,000	1,100	1,700	3,300	40,300	40,3

* INCLUDES BLACK OXIDE

* INCLUDES LEAD CONTENT OF LEADED ZINC OXIDE

* SHEET AND STRIP

ESTIMATED DOMESTIC LEAD CONSUMPTION

MAY

Lead Content

(SHORT TONS)

INDUSTRY	WHITE LEAD		MISC LEAD COMPOUNDS	LITHARGE	RED LEAD	SOLDER	BEARING METALS	ANTHRACENIC LEAD PRODUCTS	PIPE AND EXTRUDED PRODUCTS	ROLLED PRODUCTS	CALAMINE LEAD	MISCELLANEOUS PRODUCTS	1943 TOTAL	1944 MAY TOTAL
	DRY	IN OIL												
STORAGE BATTERIES...				4,625	1,100			11,045				12,194	29,845	29,950
CABLE.....												4,205	4,205	4,095
PAINT & VARNISH.....	400	115	2750	200	1,100								2,320	2,300
AMALGAM.....												3,005	3,005	2,235
OIL REF. & GASOLINE.....				170								10,025	10,195	17,410
CONSTRUCTION.....									1,610	2,000	4,450	205	8,270	10,000
INSECTICIDES.....				50									50	50
PRINTING.....												1,400	1,400	1,400
CERAMICS.....	5			1,555	50								1,610	1,790
COLORS.....				1,030	20							450	1,400	1,370
RAILROADS.....							730						730	845
& THERMISTERS.....						2,005							2,005	1,600
CARS.....						935							935	1,175
STEEL & WIRE.....												400	400	475
COLLAPSIBLE TUBES.....										35			35	60
RUBBER & ROPE.....				165	20							130	315	295
COATINGS.....						175							175	95
BRASS WFG.....												250	250	25
LEAD HEAD NAILS.....												50	50	110
SEALS.....												25	25	25
ABRASIVES.....												10	10	50
UNCLASSIFIED.....	175		425	495	270	4,340	715	3,430	45			7,190	17,095	15,200
MAY TOTAL.....	1945	870	115	710	2,340	2,620	7,655	1,645	15,295	1,655	2,125	6,455	90,820	
MAY TOTAL.....	1944	870	130	1,035	2,430	2,640	8,665	1,625	12,875	1,655	1,905	5,945	49,175	62,340

1. INCLUDES BLACK OXIDE

2. INCLUDES LEAD CONTENT OF LEADED ZINC OXIDE

3. SHEET AND STRIP

4. INCLUDES STOCKPILE LEAD SHIPPED TO CUSTOMERS

FORM D

ESTIMATED DOMESTIC LEAD CONSUMPTION

JUNE

Lead Content

(SHORT TONS)

INDUSTRY	WHITE LEAD		MISC. LEAD COMPOUNDS	LITHARGE	RED LEAD	SOLDER	BEARING METALS	ANTICORROSIVE LEAD PRODUCTS	PIPE AND EXTRUDED PRODUCTS	ROLLED PRODUCTS	CALCING LEAD	MISCELLANEOUS PRODUCTS	1969	1968
	DRY	IN OIL											TOTAL	JUNE TOTAL
STORAGE BATTERIES...				4,000	805			10,005				9,455a	25,025	25,045
CABLE.....												4,900	4,900	5,010
PAINT & VARNISH.....	340	100	3000	275	1,015							2,330	2,330	2,235
AMBLATION.....												2,545	2,545	2,175
OIL REF. & GASOLINE.....				170								17,645	17,015	16,500
CONSTRUCTION.....									1,705	1,075c	4,440	1,005	9,125	11,300
INSECTICIDES.....				50									50	50
PRINTING.....												1,545	1,545	1,645
CERAMICS.....	10			1,565	40								1,615	1,600
COLORS.....				1,050	15							530	1,565	1,540
RAILROADS.....							850						850	755
AUTOMOBILES.....						2,005							2,005	1,705
CARS.....						1,000							1,000	1,545
STEEL & PIPE.....												630	630	475
COLLAPSIBLE TUBES.....										55			55	65
RUBBER & HOSE.....				100	25							135	320	325
COATINGS.....						155							155	125
BRASS MFG.....												310	310	115
LEAD HEAD NAILS.....												50	50	50
SEALS.....												25	25	25
ABRASIVES.....														
UNCLASSIFIED.....	100		525	800	705	3,940	820	3,425	25			7,025	17,965	15,315
JUNE TOTAL 1969	740	100	675	6,435	2,325	7,140	1,215	14,110	1,910	1,950	4,440	40,545	60,150	
JUNE TOTAL 1968	605	125	820	9,185	2,105	7,295	1,320	12,775	1,705	2,340	6,445	42,540		60,700

- a. INCLUDES BLACK OXIDE
b. INCLUDES LEAD CONTENT OF LEADED ZINC OXIDE
c. SHEET AND STRIP
d. INCLUDES STOCKPILE LEAD SHIPPED TO CUSTOMERS

FORM 9

ESTIMATED DOMESTIC LEAD CONSUMPTION

JULY

Lead Content

(SHORT TONS)

INDUSTRY	WHITE LEAD		MISC. LEAD COMPOUNDS	LITHARGE	RED LEAD	SOLDER	BEARING METALS	ANTIMONIAL LEAD PRODUCTS	PIPE AND EXTENDED PRODUCTS	ROLLED PRODUCTS	CALFING LEAD	MISCELLANEOUS PRODUCTS	1965 JULY TOTAL	1964 JULY TOTAL
	DRY	IN OIL												
STORAGE BATTERIES...				4,320	730			9,305				8,390	22,875	24,000
CABLE												2,900	2,900	3,400
PAINT & VARNISH	400	105	3300	200	805								1,900	2,340
AMMUNITION												3,100	3,100	2,645
OIL REF. & GASOLINE				190								11,925	12,075	18,130
CONSTRUCTION									1,205	1,710	5,015	470	8,560	9,510
INSECTICIDES				45									45	45
PRINTING												1,475	1,475	1,510
CERAMICS	5			1,260	50								1,415	1,505
COLORED				905	15							70	900	1,145
RAILROADS							805						805	705
AUTOMOBILES						1,445							1,445	1,190
CARS						945							945	870
STEEL & IRON												510	510	160
COLUMBIUM TUBES										30			30	75
RUBBER & HOSE				140	20							125	295	295
CONTAINERS						95							95	115
BRASS WFG												185	185	185
LEAD HEAD NAILS												40	40	30
SEALS												25	25	25
ABRASIVES														
UNCLASSIFIED	190		435	520	205	2,905	600	2,405	30			4,620	12,640	17,995
JULY TOTAL	1945	575	105	765	7,890	1,925	5,910	1,205	11,840	1,740	5,015	31,925	72,160	
JULY TOTAL	1964	840	135	600	7,890	1,700	5,215	1,260	11,905	1,625	2,075	47,130		94,025

A. INCLUDES BLACK OXIDE

B. INCLUDES LEAD CONTENT OF LEADED ZINC OXIDE

C. SHEET AND STRIP

FORM D

ESTIMATED DOMESTIC LEAD CONSUMPTION

AUGUST

Lead Content

(SHORT TONS)

INDUSTRY	WHITE LEAD		MISC. LEAD COMPOUNDS	LITHARGE	RED LEAD	SOLDER	BEARING METALS	ANTIMONIAL LEAD PRODUCTS	PIPE AND EXTRUDED PRODUCTS	ROLLED PRODUCTS	CALMING LEAD	MISCELLANEOUS PRODUCTS	1943 AUG TOTAL	1944 AUG TOTAL
	DRY	IN OIL												
STORAGE BATTERIES...				4,300	905			11,775				12,000	30,470	25,635
CABLE.....												4,130	4,130	4,515
PAINT & VARNISH.....	505	110	205	275	1,005								2,300	2,300
AMMUNITION.....												3,020	3,020	1,375
OIL REF. & GASOLINE.....				175								10,320	10,405	10,790
CONSTRUCTION.....									1,320	2,100	4,725	770	9,020	10,640
INSECTICIDES.....				50									50	45
PRINTING.....												1,320	1,320	1,445
CERAMICS.....	5			1,300	50								1,305	1,610
COLORS.....				1,025	15							615	1,040	1,315
RAILROADS.....							605						605	605
AUTOMOBILES.....						1,405							1,405	1,325
CARS.....						1,305							1,305	1,015
STEEL & IRON.....												300	300	400
COLLAPSIBLE TUBES.....										25			25	105
RUBBER & HOSE.....				170	30							300	300	305
CHRYSLER.....						95							95	130
BRASS MFG.....												110	110	120
LEAD HEAD NAILS.....												40	40	50
SEALS.....												25	25	25
ADHESIVES.....														50
UNCLASSIFIED.....	100		670	525	245	3,055	615	2,015	25			4,725	12,315	13,120
AUG. TOTAL.....	1943	690	110	795	9,720	2,310	5,740	1,240	14,270	1,345	2,220	47,475	89,780	85,045
AUG. TOTAL.....	1944	695	95	775	7,810	2,275	5,790	1,245	13,680	1,040	2,160	43,090	85,045	85,045

- a. INCLUDES BLACK OXIDE
- b. INCLUDES LEAD CONTENT OF LEADED ZINC OXIDE
- c. SHEET AND STRIP
- d. INCLUDES STOCKPILE LEAD SHIPPED TO CONSUMERS

FORM 8

ESTIMATED DOMESTIC LEAD CONSUMPTION

SEPTEMBER

Lead Content

(SHORT TONS)

INDUSTRY	WHITE LEAD		MISC. LEAD COMPOUNDS	LITHARGE	RED LEAD	SOLDER	BEARING METALS	ANTHRACITE LEAD PRODUCTS	PIPE AND EXTRUDED PRODUCTS	ROLLED PRODUCTS	CALAMINE LEAD	MISCELLANEOUS PRODUCTS	1945 SEPT. TOTAL	1944 SEPT. TOTAL
	DRY	IN OIL												
STORAGE BATTERIES...				5,315	640			11,320				13,310a	20,899	20,170
CABLE												5,010	5,010	5,745
PAINT & VARNISH...	440	115	3150	200	1,010								2,170	2,750
EMULSION												3,910	3,910	3,630
OIL REF. & GASOLINE				105	10							10,330	10,330	14,675
CONSTRUCTION									1,400	1,045c	0,075	1,175	0,655	11,005
INSECTICIDES				60									60	50
PRINTING												1,000	1,000	1,955
CERAMICS	5			1,720	70								1,705	1,500
COLOPS				505								500	1,525	1,200
METALLURGY							600						600	605
ALUMINUMS						1,030							1,030	2,355
CARS						920							920	1,540
STEEL & IRON												300	240	475
CHEMICAL TUBES										25			25	30
WHEELS & HESL				315	15							100	330	600
COATINGS						110							110	130
BRASS WFO												50	50	50
LEAD HEAD NAILS												100	100	150
SEALS												50	50	25
ABRASIVES												50	50	50
UNCLASSIFIED	195		475	290	105	3,045	505	3,705	60			5,020	14,440	16,005
SEPT. TOTAL 1945	600	115	790	5,940	2,130	5,715	1,245	15,325	1,120	1,070	0,075	50,255	63,700	
SEPT. TOTAL 1944	705	125	700	6,705	2,055	7,690	1,125	14,000	1,105	2,750	0,100	40,775		62,750

a. INCLUDES BLACK OXIDE

b. INCLUDES LEAD CONTENT OF LEADED ZINC OXIDE

c. SHEET AND STRIP

d. INCLUDES STOCKPILE LEAD SHIPPED TO CUSTOMERS

ESTIMATED DOMESTIC LEAD CONSUMPTION

OCTOBER

Lead Content

(SHORT TONS)

INDUSTRY	WHITE LEAD		MISC. LEAD COMPOUNDS	LITHARGE	RED LEAD	SOLDER	BEARING METALS	ANTIFRITIONAL LEAD PRODUCTS	PIPE AND EXTRUDED PRODUCTS	ROLLED PRODUCTS	CALCINING LEAD	MISCELLANEOUS PRODUCTS	1965 OCT. TOTAL	1964 OCT. TOTAL
STORAGE BATTERIES..				5,700	000			13,450				12,175a	32,250	28,000
CABLE.....												4,610	4,610	4,400
PAINT & VARNISH..	400	05	200a	305	1,100							3,220	2,270	2,165
AMMUNITION.....												10,525	3,220	2,345
OIL REF. & GASOLINE				100	10								10,730	10,000
CONSTRUCTION.....									1,305	2,170c	4,420	1,130	8,190	9,470
INSECTICIDES.....				70	5								75	55
PRINTING.....												1,530	1,530	1,400
CERAMICS.....	5			1,710	05								1,760	1,660
COLORS.....				000								300	1,570	1,630
RAILROADS.....							000						000	700
AUTOMOBILES.....						1,675							1,675	010
CANS.....						300							300	700
STEEL & WIRE.....												175	175	450
COLLAPSIBLE TUBES..										45			45	45
BLANKET & ROPE.....				105	15							230	620	000
COATINGS.....						75							75	165
BRASS WFS.....												110	110	105
LEAD HEAD BATES.....												50	50	50
SEALS.....														75
ABRASIVES.....														
UNCLASSIFIED.....	105		000	275	105	2,625	675	3,115	30			6,900	15,335	10,000
OCT. TOTAL 1965	030	05	000	9,450	2,300	5,730	1,305	10,545	1,300	2,310	4,620	40,100	84,300	
OCT. TOTAL 1964	000	00	005	10,715	1,745	4,055	1,625	13,735	1,300	2,470	4,705	44,515		80,300a

- a. INCLUDES BLACK OXIDE
b. INCLUDES LEAD CONTENT OF LEADED ZINC OXIDE
c. SHEET AND STRIP
d. INCLUDES STOCKPILE LEAD SHIPPED TO CUSTOMERS

FORM 9

ESTIMATED DOMESTIC LEAD CONSUMPTION

NOVEMBER

Lead Content

(SHORT TONS)

INDUSTRY	WHITE LEAD		MISC. LEAD COMPOUNDS	LITHARGE	RED LEAD	SOLDER	BEARING METALS	ANTIFRITIONAL LEAD PRODUCTS	PIPE AND EXTRUDED PRODUCTS	ROLLED PRODUCTS	CALMING LEAD	MISCELLANEOUS PRODUCTS	1965 NOV. TOTAL	1964 NOV. TOTAL
	DRY	IN OIL												
STORAGE BATTERIES...				7,000	000			14,510				12,400	34,900	30,370
CABLE.....												3,440	3,440	4,030
PAINT & VARNISH.....	200	00	3000	310	1,000								2,100	2,300
AMMUNITION.....												3,120	3,120	1,900
OIL REF. & GASOLINE.....				220	10							17,110	17,340	19,030
CONSTRUCTION.....									1,510	1,000	4,200	070	6,780	6,630
INSECTICIDES.....				00									00	00
PRINTING.....												1,400	1,400	1,400
CERAMICS.....	5			2,010	70								2,080	1,730
COLORS.....				1,000								000	1,000	1,200
RAILROADS.....							710						710	700
AUTOMOBILES.....						1,730							1,730	1,330
CARS.....						300							300	700
STEEL & WIRE.....												400	400	430
COLLAPSI BLE PUMPS.....										20			20	50
RUBBER & HOSE.....				100	10							100	370	410
COATINGS.....						200							200	200
BRASS WPS.....												100	100	200
LEAD HEAD NAILS.....												00	00	110
SEALS.....												20	20	50
ABRASIVES.....														50
UNCLASSIFIED.....	100		000	200	100	4,270	020	3,030	05			5,450	15,510	15,000
NOV. TOTAL 1965	520	00	3200	11,770	2,200	5,200	1,340	19,340	1,550	1,020	4,220	45,250	94,290	
NOV. TOTAL 1964	730	05	090	9,700	2,130	5,030	1,430	15,470	1,240	1,000	4,530	48,320		82,300

A. INCLUDES BLACK OXIDE

B. INCLUDES LEAD CONTENT OF LEADED ZINC OXIDE

C. SHEET AND STRIP

D. INCLUDES STOCKPILE LEAD SHIPPED TO CUSTOMERS

FORM 8

ESTIMATED DOMESTIC LEAD CONSUMPTION

DECEMBER

Lead Content

(SHORT TONS)

INDUSTRY	WHITE LEAD		MISC. LEAD COMPOUNDS	LITHARGE	RED LEAD	SOLDER	BEARING METALS	ANTIFRITIONAL LEAD PRODUCTS	PIPE AND EXTRUDED PRODUCTS	ROLLED PRODUCTS	CASTING LEAD	MISCELLANEOUS PRODUCTS	1963 DEC. TOTAL	1964 DEC. TOTAL
STORAGE BATTERIES...				6,100	830			14,445				13,315	34,680	34,100
CABLE.....												4,105	4,105	4,170
PAINT & VARNISH.....	370	90	1050	200	1,040								1,845	1,845
ADHESION.....												1,935	1,935	1,875
OIL REF. & GASOLINE				200	15							19,140	19,315	20,100
CONSTRUCTION.....									1,400	1,670	3,005	2,410	8,615	8,560
INSECTICIDES.....				75									75	50
PRINTING.....												1,400	1,400	1,540
CERAMICS.....	0			1,010	30								1,040	1,500
COLORS.....				500								465	1,445	1,315
RAILROADS.....							775						775	645
AUTOMOBILES.....						1,070							1,070	1,700
CARS.....						540							540	575
STEEL & WIRE.....												645	645	305
COLLAPSIBLE TUBES.....										30			30	30
RUBBER & HOSE.....				100	15							735	430	300
COATINGS.....						50							50	55
BRASS WPS.....												120	120	200
LEAD HEAD NAILS.....												140	140	60
SEALS.....												75	75	25
ADHESIVES.....														
UNCLASSIFIED.....	130		505	320	100	3,355	645	3,300	50			6,700	19,230	16,375
DEC TOTAL 1963	370	90	740	6,655	2,170	6,230	1,400	17,645	1,500	1,705	3,005	48,930	81,005	
DEC TOTAL 1964	400	90	740	6,275	2,230	6,325	1,435	16,700	1,350	1,640	4,130	51,230		59,870

- a. INCLUDES BLACK OXIDE
- b. INCLUDES LEAD CONTENT OF LEADED ZINC OXIDE
- c. SHEET AND STRIP
- d. INCLUDES STOCKPILE LEAD SHIPPED TO CUSTOMERS

FORM 9

IMPORTS OF LEAD PRODUCTS FOR CONSUMPTION*

1964** - 1965

(SHORT TONS)

PRODUCT COUNTRY	1964		1965		PRODUCT COUNTRY	1964		1965	
	AMOUNT	LEAD CONTENT	AMOUNT	LEAD CONTENT		AMOUNT	LEAD CONTENT	AMOUNT	LEAD CONTENT
PLATES, SHEET, STRIPS					Unalloyed Lead				
Australia	..	..	79	79	United Kingdom	..	..	2	2
Belgium	143	143	120	120	W. Germany	305	305	911	921
Canada	64	64	79	79	Yugoslavia	110	110	..	..
Netherlands	623	623	376	376	Total	615	361	913	923
Portugal	20	20	..	..	Unalloyed Tin Alloys				
United Kingdom	34	34	..	..	Belgium	462	227	1,424	705
W. Germany	140	140	6	6	Canada	2	2	..	..
Yugoslavia	212	212	..	..	Costa	..	..	30	14
Total	1,437	1,437	600	600	Netherlands	63	30	..	..
Bars, Rods, Angles, Shapes, ETC					Portugal	..	..	60	29
Canada	400	400	145	145	United Kingdom	20	11	151	61
Sweden	10	10	..	..	Total	575	279	1,634	802
United Kingdom	2	2	..	..	Solder				
Total	500	500	145	145	Belgium	400	301	..	..
PIPES, TUBES, BLANKS & PIPE FITTINGS					Canada	4	2	..	..
Mexico	..	..	265	265	Costa	35	16	..	..
Netherlands	2	2	5	5	Japan	..	..	1	1
United Kingdom	1	1	..	..	Netherlands	6	6	..	..
W. Germany	3	3	..	..	Portugal	11	4	11	6
Total	6	6	270	270	United Kingdom	144	217	260	143
LEAD PIPE & GLAZIER-LEAD					W. Germany	444	304	..	..
Canada	9	9	..	..	Total	1,731	931	372	100
Netherlands	61	61	..	..	Estimated^a				
Total	70	70	..	..	Belgium	17	16	22	20
POWDER & FLAKES					Canada	467	435	74	23
Canada	..	..	2	2	France	720	705	90	76
Mexico	1,191	1,191	940	940	Mexico	19,040	17,823	22,046	20,503
Total	1,191	1,191	942	942	United Kingdom	..	..	2	7
FOIL					W. Germany	..	..	21	25
Netherlands	4	4	..	..	Total	19,762	18,479	22,307	20,640
United Kingdom	..	..	20	20	Red Lead^b				
W. Germany	5	5	5	5	Belgium	23	21	17	15
Total	9	9	25	25	France	..	..	112	101
LEAD PRODUCTS, NOT COVERED BY PLATES					Mexico	1,132	1,031	85	74
Canada	79	79	62	62	Netherlands	15	15	16	14
Denmark	0	0	..	..	W. Germany	444	475	215	266
France	..	..	6	6	Total	1,614	1,472	525	615
Home Sales	2	2	..	..	White Lead^c				
Italy	7	7	20	20	Canada	692	660	723	542
Japan	127	127	60	60	France	64	34	11	0
Mexico	232	232	..	..	Japan	..	..	7	7
Netherlands	10	10	1	1	Netherlands	340	247	700	167
United Kingdom	79	79	32	32	United Kingdom	303	245	217	182
W. Germany	0	0	..	..	W. Germany	1,042	766	610	530
Total	461	561	190	190	Total	2,127	2,022	1,610	1,310
LEAD TOTAL					Unalloyed Yellow^d				
					Canada	1	1	..	..
					France	..	..	6	6
					Japan	740	647	660	540
					W. Germany	12	14	0	0
					Total	753	668	666	546
					LEAD TOTAL	31,471	27,600	30,423	28,655

* U.S. Bureau of Census
 ** Not comparable to past years due to
 change in classification
 a Estimated lead content of L10