

Annual Statistical Review
of the
Lead Industries Association, Inc.
1962

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Lead Industries Association, Inc.

292 Madison Avenue

New York 17, N.Y.

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

GRADES REPORTED SOLD DURING MONTH INDICATED

	CORRODING		COMMON		CHEMICAL		ANTIMONIAL		TOTAL		DAILY AVERAGE	
	1961	1962	1961	1962	1961	1962	1961	1962	1961	1962	1961	1962
JANUARY.....	26,300	27,420	13,117	12,340	1,100	1,020	3,020	2,544	44,515	53,341	1,436	1,721
FEBRUARY.....	31,301	32,210	13,073	9,794	1,100	795	2,107	1,010	48,001	44,777	1,730	1,301
MARCH.....	32,334	30,041	9,170	15,704	1,200	675	3,437	2,000	46,300	57,770	1,401	1,643
APRIL.....	29,120	27,324	14,020	14,002	1,210	700	4,115	2,401	46,477	46,407	1,610	1,510
MAY.....	42,000	30,001	9,029	10,047	1,210	1,003	1,000	4,727	54,046	50,133	1,743	1,670
JUNE.....	34,400	40,214	10,100	8,705	430	825	3,000	3,704	50,074	53,010	1,624	1,707
JULY.....	30,700	30,043	7,222	6,270	700	000	3,007	3,241	50,210	41,020	1,620	1,323
AUGUST.....	32,142	32,053	10,720	9,735	705	1,570	3,007	3,010	47,254	44,501	1,600	1,430
SEPTEMBER.....	30,004	35,230	7,770	9,040	1,054	1,120	3,300	5,030	50,420	50,340	1,600	1,670
OCTOBER.....	31,070	40,034	6,577	5,071	617	1,330	3,071	3,730	43,141	50,170	1,393	1,677
NOVEMBER.....	45,000	47,070	8,740	10,047	1,720	2,003	5,000	9,003	60,000	67,001	2,000	2,200
DECEMBER.....	30,000	30,032	8,047	7,700	000	1,003	0,000	0,004	50,100	44,700	1,636	1,300
TOTAL	440,902	490,130	119,210	123,900	12,100	10,000	40,000	47,100	616,332	640,000		
AVERAGE	36,742	40,013	9,935	10,327	1,012	1,205	3,007	3,920	51,190	53,010	1,603	1,700

GRADES SOLD TO DATE FOR SHIPMENT IN MONTH INDICATED

	CORRODING		COMMON		CHEMICAL		ANTIMONIAL		TOTAL		DAILY AVERAGE	
	1961	1962	1961	1962	1961	1962	1961	1962	1961	1962	1961	1962
JANUARY.....	29,130	33,175	9,200	10,007	1,500	1,075	3,000	2,007	43,000	51,102	1,410	1,600
FEBRUARY.....	31,142	34,237	10,231	10,174	015	510	2,707	3,207	46,113	57,134	1,400	1,643
MARCH.....	33,001	34,045	11,172	11,043	1,070	600	3,015	2,501	46,491	46,000	1,395	1,510
APRIL.....	32,070	25,030	12,042	15,020	000	770	3,030	2,000	46,340	55,375	1,395	1,644
MAY.....	37,010	31,270	10,210	17,020	1,250	003	3,072	2,027	51,052	54,000	1,670	1,702
JUNE.....	32,530	30,007	11,203	11,041	005	705	2,204	3,700	46,571	50,112	1,570	1,670
JULY.....	32,000	32,007	7,705	7,040	735	010	2,041	3,310	41,077	41,000	1,410	1,410
AUGUST.....	45,200	35,002	10,027	7,011	075	1,205	3,120	4,054	50,301	47,752	1,510	1,540
SEPTEMBER.....	34,000	41,000	7,170	7,070	010	070	3,075	4,003	45,731	55,300	1,525	1,640
OCTOBER.....	40,302	40,143	6,340	7,120	1,007	1,370	4,020	6,775	50,070	52,000	1,600	1,707
NOVEMBER.....	30,320	42,051	6,023	7,307	1,230	2,005	4,104	6,025	50,001	57,000	1,602	1,917
DECEMBER.....	41,100	40,007	7,710	7,001	000	1,000	5,003	6,335	54,701	57,311	1,700	2,000
TOTAL	429,093	447,030	110,022	120,562	12,510	13,702	40,000	46,000	601,775	631,003		
AVERAGE	35,000	37,303	9,003	10,370	1,042	1,167	3,413	3,837	50,140	52,045	1,600	1,701

SALES SHOWN ABOVE ARE THOSE REPORTED FOR SHIPMENT IN THE MONTH INDICATED REGARDLESS 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 AND ALSO
 CONSUMPTION CHARGES INSIDE OR OUTSIDE THE U. S.

COMMON LEAD SALES INCLUDE SALES OF ACID OR COPPER LEAD.

Companies contributing data to this report are:

American Metal Company, Inc.
 American Smelting & Refining Co.
 American Zinc Co.
 The Bunker Hill Co.
 Copper Sales Corp.

International Smelting Corp.
 St. Joseph Lead Co.
 C. W. Wadsworth & Co., of New York
 United States Smelting Refining
 & Mining Co.

**PIG LEAD
UNFILLED ORDERS**
(IN 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.

	<u>1961</u>	<u>1962</u>
January 31	3,423	2,206
February 28	4,819	2,885
March 31	700	1,218
April 30	810	1,036
May 31	860	890
June 30	810	890
July 31	816	890
August 31	1,008	870
September 30	800	870
October 31	800	830
November 30	1,286	830
December 31	1,060	1,128

L. I. B.
Form AA

PIG LEAD SHIPMENTS*
(IN SHORT TONS)

	<u>1961</u>	<u>1962</u>
January	61,348	60,349
February	41,928	70,643
March	57,072	50,113
April	50,200	61,156
May	50,193	60,240
June	40,001	52,290
July	50,003	44,072
August	62,223	52,313
September	53,642	57,017
October	60,005	50,818
November	53,203	54,962
December	59,935	61,890
TOTAL	633,165	702,503
AVERAGE	52,762	58,540

*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.

L. I. B.
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**

1963

(IN 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
JANUARY 1, 1962.....	0.453	10.300	30.700	41.453
FEBRUARY 1,	0.504	10.500	30.223	41.227
MARCH 1,	0.750	10.001	30.703	41.454
APRIL 1,	0.433	10.003	30.725	41.161
MAY 1,	10.300	15.030	30.423	55.753
JUNE 1,	10.000	17.030	34.225	61.255
JULY 1,	10.700	13.017	34.000	57.717
AUGUST 1,	0.002	17.023	34.050	51.075
SEPTEMBER 1,	0.300	14.420	32.410	47.130
OCTOBER 1,	0.734	12.607	31.015	44.356
NOVEMBER 1,	0.302	14.327	29.770	44.399
DECEMBER 1,	0.410	15.057	27.940	43.407
JANUARY 1, 1963.....	0.300	20.107	34.120	54.527

Companies contributing data to this report are:

PIGMENT MANUFACTURERS

Bunker Hill Co., Chemical
Products Div.
Bayer-Parker Co.
C. F. Miller & Co.
Hessoid Lead Products, Inc.
John B. MacGregor Lead Co.
National Lead Co.
Western Lead Products Co.

METALLIC LEAD PRODUCTS MFG.

American Metal Sheet Co.
National Bearing Div.
American Smelting & Ref. Co.
Incl. Fabricated Metals Div.
G. A. Arrill Co., Lead Products
Division
Barrington Metals Corp.
Barr & Co., Inc.
Bunker Hill Co., Sales &
Fabrication Div.

METALLIC LEAD PRODUCTS MFG.
(Cont'd.)

A. S. Chasco Mfg. Co.
Federal-Magill-Revere
Bearings, Inc.
Hovell Metals Corp.
Imperial Type Metal Co.
Johnson Bronze Co.
Kaiser Smelter Co.
Lead Products Co., Inc.
Metaloid Products Corp.
Milwaukee Lead Works, Inc.
Nassau Smelting & Ref. Co., Inc.
National Lead Co.
New England Metal Co., Inc.
S. L. Frost & Co., Inc.
Surrey Copper & Brass Ind.,
Phil. Division
Piper Smelt & Ref. Co.
Pittsburgh Lead Works, Inc.
Huron Valley & Sand

OTHER MANUFACTURERS

Amecado Wire & Cable Co.
Delco-Ray Div., General Motors
Corp.
E. J. duPont de Nemours & Co., Inc.
Electric Antelloy Co.
Electric Storage Battery Co.
Elbey Corp.
General Cable Corp.
General Electric Co.
Gulf-National Batteries, Inc.
Olinite Co.
Olin Mathieson Chemical Corp.
Philip Dodge Copper Products Corp.
Burlington Area Co., Inc.
John A. Swelling & Sons Div.,
Colorado Fuel & Iron Corp.
Western Electric Co., Inc.

¹ Not included from September, 1962

² Not included from January, 1963

Lead Pigments

Domestic Shipments, Production and Stocks

1962

Companies contributing data to these reports are:

WHITE LEAD, DRY AND IN OIL

**W. P. Fuller & Co.
John R. MacGregor Lead Co.
National Lead Co.**

LITHARGE, RED LEAD AND ORANGE MINERAL

**Bunker Hill Co., Chemical Products Div.
Eagle-Picher Co.
W. P. Fuller & Co.
Hessoid Lead Products, Inc.
John R. MacGregor Lead Co.
National Lead Co.
Western Lead Products Co.**

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

SHIPMENTS

1962	WHITE LEAD, DRY		WHITE LEAD IN OIL		LITHARGE		RED LEAD AND ORANGE MINERAL	
	AMOUNT	LEAD CONTENT	AMOUNT	LEAD CONTENT	AMOUNT	LEAD CONTENT	AMOUNT	LEAD CONTENT
JANUARY.....	787	613	130	99	13,815	12,953	1,020	1,730
FEBRUARY.....	884	547	185	116	11,488	10,647	1,812	1,641
MARCH.....	941	784	173	123	10,878	9,894	1,881	1,713
APRIL.....	1,040	833	291	207	9,989	8,262	2,161	1,945
MAY.....	1,184	936	288	191	10,791	9,891	2,024	1,820
JUNE.....	1,842	963	302	214	9,291	8,610	1,871	1,864
JULY.....	1,184	958	223	166	8,451	7,776	2,006	1,808
AUGUST.....	1,187	933	280	185	10,888	9,987	2,027	1,817
SEPTEMBER.....	1,043	875	167	119	8,077	6,472	2,032	1,838
OCTOBER.....	808	726	179	127	11,181	10,362	2,301	2,088
NOVEMBER.....	791	633	133	84	10,827	9,290	1,950	1,762
DECEMBER.....	111	675	93	64	9,209	8,445	1,443	1,476
TOTAL.....	11,106	8,181	2,403	1,708	124,613	115,608	23,438	21,516
AVERAGE.....	820	765	200	143	10,384	9,634	1,947	1,793

PRODUCTION

1962	AMOUNT	LEAD CONTENT	AMOUNT	LEAD CONTENT	AMOUNT	LEAD CONTENT	AMOUNT	LEAD CONTENT
JANUARY.....	917	734	72	54	12,747	11,858	1,029	1,464
FEBRUARY.....	816	653	72	54	11,778	10,952	1,838	1,752
MARCH.....	899	686	188	133	10,877	10,084	2,019	1,828
APRIL.....	1,047	837	188	134	10,036	9,320	1,812	1,638
MAY.....	1,062	901	352	252	10,732	9,918	2,381	2,182
JUNE.....	1,196	991	290	206	10,874	9,793	2,214	1,984
JULY.....	843	651	214	153	7,871	7,062	1,861	1,308
AUGUST.....	1,409	1,121	204	114	10,190	9,322	2,318	2,084
SEPTEMBER.....	848	786	184	121	8,642	8,279	1,791	1,883
OCTOBER.....	1,708	941	188	136	10,484	9,643	2,317	2,081
NOVEMBER.....	829	680	97	68	9,221	8,375	2,088	1,885
DECEMBER.....	568	651	75	19	10,408	9,645	1,817	1,462
TOTAL.....	11,380	9,174	2,176	1,555	124,341	115,348	23,964	21,784
AVERAGE.....	748	798	181	120	10,362	9,613	1,966	1,776

STOCKS

1962	AMOUNT	LEAD CONTENT	AMOUNT	LEAD CONTENT	AMOUNT	LEAD CONTENT	AMOUNT	LEAD CONTENT
JANUARY 1, 1962.....	2,381	1,895	640	481	8,344	7,548	3,348	3,034
FEBRUARY 1, 1962.....	2,541	2,015	581	418	7,515	6,918	3,078	2,788
MARCH 1, 1962.....	2,814	2,124	488	390	7,770	7,071	3,198	2,884
APRIL 1, 1962.....	2,793	1,875	479	342	7,881	7,195	3,318	2,981
MAY 1, 1962.....	2,300	1,878	402	287	7,843	7,180	2,849	2,687
JUNE 1, 1962.....	2,188	1,781	451	401	7,731	7,019	3,328	2,988
JULY 1, 1962.....	2,088	1,875	475	348	8,020	8,193	3,684	3,315
AUGUST 1, 1962.....	1,752	1,364	454	227	8,261	7,402	3,137	2,813
SEPTEMBER 1, 1962.....	1,847	1,573	500	258	7,745	7,013	3,417	3,078
OCTOBER 1, 1962.....	1,887	1,878	517	278	8,790	7,548	3,142	2,818
NOVEMBER 1, 1962.....	2,200	1,748	527	277	7,648	6,992	3,184	2,833
DECEMBER 1, 1962.....	2,225	1,754	501	258	8,887	8,281	3,308	2,972
JANUARY 1, 1963.....	2,283	1,800	434	231	7,787	7,042	3,083	2,798

IN PROCESS¹

WHITE LEAD

LEAD CHIDES²

1962	AMOUNT	1962	AMOUNT	1962	AMOUNT	1962	AMOUNT
JANUARY 1, 1962.....	1,213	JAN 1	1,101	JANUARY 1, 1962.....	3,819	JAN 1	6,098
FEBRUARY 1, 1962.....	1,213	FEBRUARY 1	1,100	FEBRUARY 1, 1962.....	3,847	FEBRUARY 1	6,311
MARCH 1, 1962.....	1,126	MARCH 1	976	MARCH 1, 1962.....	3,328	MARCH 1	4,342
APRIL 1, 1962.....	1,121	APRIL 1	1,118	APRIL 1, 1962.....	3,171	APRIL 1	3,885
MAY 1, 1962.....	1,138	MAY 1	1,183	MAY 1, 1962.....	3,216	MAY 1	3,673
JUNE 1, 1962.....	1,047	JUNE 1	1,201	JUNE 1, 1962.....	3,043	JUNE 1	3,978
JULY 1, 1962.....	1,047	JULY 1	1,211	JULY 1, 1962.....	3,043	JULY 1	3,978

¹ INCLUDES RED LEAD IN OIL ON SHIP DATES

² LEAD CONTENT

³ APPROXIMATE

DOMESTIC METALLIC LEAD PRODUCTS

Shipments

1962

Companies contributing data to these reports are:

[Numbers after company names indicate products reported by each company, i.e., 1-solder, 2-braying metals, 3-national lead products, 4-type metal and impression lead, 5-pipe and extruded products (including traps and bends,) 6-rolled products, 7-electrolytic lead products (including casting lead.)]

American Brake Shoe Co., National Bearing Div. - 2

American Metal Clings, Inc. - 1

American Smelting & Refining Co., including

Federated Metals Div. - 1, 2, 3, 4, 5, 6, 7

G. A. Brill Co., Lead Products Div. - 1, 2, 5, 7

Marine Metals Corp. - 2

Barn & Co., Inc. - 1, 2, 7

Bunker Hill Co. - 7

Bunker Hill Co., Sales & Fabrication Div. -

1, 2, 3, 4, 5, 6, 7

A. B. Calson Manufacturing Co. - 2

Federal-Grain-Grover Bearings, Inc. - 2

Flom Lead Co., Inc. - 1, 5, 6, 7

Gardiner Metal Co. - 1, 2, 3, 4, 5, 7

Hewitt Metals Corp. - 1, 2, 4, 6, 7

Imperial Type Metal Co. - 4

Johnson Bronze Co. - 2

Lead Products Co., Inc. - 1, 2, 3, 7

Lunar Bearing Co. - 2

Metaloid Products Corp. - 7

Milwaukee Lead Works, Inc. - 5, 6, 7

Monroe Smelting & Refining Co. - 1, 2, 3, 5, 7

National Lead Co. - 1, 2, 3, 4, 5, 6, 7

New England Smelting Works, Inc. - 1, 2, 3, 4, 7

E. L. Post & Co., Inc. - 2

Revere Copper & Brass Inc., Roll Div. - 6

River Smelting & Refining Co. - 1, 2, 3, 4, 7

Rochester Lead Works, Inc. - 1, 2, 4, 5, 6, 7

Ryan Vicer & Sons - 1, 2, 3, 4, 7

1 Not included from April, 1962

2 Not included from January, 1962

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

METALLIC LEAD PRODUCTS

Domestic Shipments

(IN SHORT TONS)

SOLDER

1962	AUTOMOBILE RADIATORS, ETC.		CAN MANUFACTURES AND CANNING		COATINGS		OTHER		TOTAL	
	AMOUNT	LEAD CONTENT	AMOUNT	LEAD CONTENT	AMOUNT	LEAD CONTENT	AMOUNT	LEAD CONTENT	AMOUNT	LEAD CONTENT
JANUARY.....	1,131	928	237	191	153	123	3,519	2,736	5,440	3,988
FEBRUARY.....	921	753	190	154	104	81	3,540	2,784	5,155	3,764
MARCH.....	1,068	864	348	287	116	89	3,884	2,772	5,310	3,932
APRIL.....	847	703	192	161	120	94	4,353	3,146	5,551	4,107
MAY.....	1,099	885	262	240	123	94	4,634	3,329	6,136	4,548
JUNE.....	1,007	808	306	243	146	114	4,204	3,010	5,643	4,199
JULY.....	733	573	536	480	116	91	3,639	2,704	5,116	3,890
AUGUST.....	933	760	429	364	127	99	4,032	2,796	5,521	4,043
SEPTEMBER.....	997	803	500	471	83	65	4,222	2,955	5,611	4,254
OCTOBER.....	1,081	873	306	260	136	107	4,470	3,345	6,045	4,645
NOVEMBER.....	1,181	972	348	285	165	128	4,184	2,899	5,878	4,304
DECEMBER.....	1,054	872	235	201	103	80	3,641	2,709	5,234	3,843
TOTAL.....	12,063	9,795	3,910	3,431	1,405	1,165	49,521	35,202	64,946	49,503
AVERAGE.....	1,005	816	326	284	125	97	4,127	2,933	5,403	4,132

L.I.A. Form B-1

BEARING METALS

1962	LEAD AND TIN BASE				OTHER BEARING METALS		TOTAL	
	RAILROAD		OTHER		AMOUNT	LEAD CONTENT	AMOUNT	LEAD CONTENT
	AMOUNT	LEAD CONTENT	AMOUNT	LEAD CONTENT				
JANUARY.....	755	629	974	653	917	190	2,646	1,431
FEBRUARY.....	831	527	700	428	1,050	204	2,390	1,181
MARCH.....	646	572	779	680	1,400	243	2,940	1,295
APRIL.....	646	575	792	685	1,027	190	2,503	1,250
MAY.....	779	640	782	507	1,171	200	2,732	1,355
JUNE.....	646	575	919	542	1,227	234	2,783	1,333
JULY.....	600	507	753	457	937	165	2,190	1,129
AUGUST.....	646	540	614	400	1,070	174	2,382	1,114
SEPTEMBER.....	503	478	533	373	1,047	201	2,183	1,072
OCTOBER.....	632	528	607	387	956	190	2,096	1,064
NOVEMBER.....	658	578	614	417	951	190	2,241	1,145
DECEMBER.....	616	578	686	329	1,202	219	2,604	1,229
TOTAL.....	8,196	6,796	8,823	5,413	12,820	2,329	29,002	14,519
AVERAGE.....	683	566	735	451	1,068	193	2,417	1,209

L.I.A. Form B-2

METALLIC LEAD PRODUCTS DOMESTIC SHIPMENTS

(IN SHORT TONS)

ANTIMONIAL LEAD PRODUCTS

1962	STORAGE BATTERIES		OTHER		TOTAL	
	AMOUNT	LEAD CONTENT	AMOUNT	LEAD CONTENT	AMOUNT	LEAD CONTENT
JANUARY.....	11,671	10,862	3,409	3,233	15,080	14,115
FEBRUARY.....	10,291	9,523	2,854	2,713	13,145	12,236
MARCH.....	9,730	9,062	2,670	2,595	12,407	11,747
APRIL.....	8,543	7,940	2,260	2,104	11,223	10,620
MAY.....	8,980	8,371	2,532	2,348	12,530	11,719
JUNE.....	9,623	8,800	2,304	2,047	12,029	11,290
JULY.....	9,317	7,736	2,480	2,335	10,796	10,071
AUGUST.....	10,726	9,980	4,101	3,903	14,827	13,883
SEPTEMBER.....	9,790	9,076	2,809	2,736	12,630	11,811
OCTOBER.....	11,003	10,862	2,614	2,487	14,307	13,300
NOVEMBER.....	12,479	11,906	2,873	2,798	15,440	14,302
DECEMBER.....	10,962	10,197	3,021	2,725	14,003	13,322
TOTAL.....	121,940	113,640	30,076	26,161	160,024	149,801
AVERAGE.....	10,162	9,453	2,173	2,013	13,335	12,466

L.I.A. Form B-3

TYPE METAL AND IMPRESSION LEAD

1962	ELECTROTYPE METAL		OTHER TYPE METAL		IMPRESSION LEAD		TOTAL	
	AMOUNT	LEAD CONTENT	AMOUNT	LEAD CONTENT	AMOUNT	LEAD CONTENT	AMOUNT	LEAD CONTENT
JANUARY.....	234	218	1,730	1,915	11	11	2,004	1,964
FEBRUARY.....	241	224	1,734	1,930	10	10	1,991	1,970
MARCH.....	216	207	2,207	1,766	0	0	2,427	2,004
APRIL.....	253	237	1,730	1,326	0	0	1,979	1,560
MAY.....	260	270	2,002	1,644	11	11	2,303	1,927
JUNE.....	245	270	1,755	1,357	0	0	2,004	1,590
JULY.....	193	190	1,917	1,164	0	0	1,719	1,353
AUGUST.....	246	240	2,052	1,555	0	0	2,294	1,803
SEPTEMBER.....	237	222	1,828	1,615	0	0	2,070	1,842
OCTOBER.....	230	215	2,640	1,642	0	0	2,790	1,860
NOVEMBER.....	219	190	2,045	1,630	0	0	2,300	1,830
DECEMBER.....	190	190	1,600	1,090	0	0	1,721	1,542
TOTAL.....	2,072	2,061	22,670	17,664	23	23	24,765	20,250
AVERAGE.....	230	223	1,884	1,497	0	0	2,131	1,600

L.I.A. Form B-4

METALLIC LEAD PRODUCTS

Domestic Shipments

(IN SHORT TONS)

LEAD PIPE AND EXTRUDED PRODUCTS

1962	PIPE AND TUBING		TRAPS AND BENDS		OTHER		TOTAL	
	AMOUNT	LEAD CONTENT	AMOUNT	LEAD CONTENT	AMOUNT	LEAD CONTENT	AMOUNT	LEAD CONTENT
JANUARY.....	1,333	1,323	118	118	36	36	1,487	1,477
FEBRUARY.....	1,044	1,037	105	105	35	35	1,184	1,177
MARCH.....	1,765	1,754	143	142	252	242	2,060	2,038
APRIL.....	1,474	1,463	133	133	51	50	1,658	1,646
MAY.....	1,480	1,468	87	87	80	78	1,645	1,633
JUNE.....	1,464	1,454	141	141	53	53	1,658	1,648
JULY.....	1,275	1,265	136	136	65	65	1,476	1,466
AUGUST.....	1,283	1,273	154	154	57	56	1,494	1,483
SEPTEMBER.....	1,004	1,007	165	165	100	98	1,269	1,260
OCTOBER.....	1,423	1,411	175	175	88	88	1,686	1,674
NOVEMBER.....	1,240	1,231	191	191	141	139	1,572	1,561
DECEMBER.....	1,107	1,095	121	121	101	100	1,329	1,318
TOTAL.....	15,524	15,481	1,679	1,678	1,030	1,011	18,233	18,093
AVERAGE.....	1,294	1,283	140	140	86	84	1,520	1,507

L.I.A. Form M-5

ROLLED PRODUCTS

1962	SHEET AND STRIP		COLLAPSIBLE TUBE DISCS		TOTAL	
	AMOUNT	LEAD CONTENT	AMOUNT	LEAD CONTENT	AMOUNT	LEAD CONTENT
JANUARY.....	1,795	1,731	64	75	1,859	1,806
FEBRUARY.....	1,241	1,238	35	31	1,276	1,231
MARCH.....	2,070	2,037	47	42	2,117	2,079
APRIL.....	1,555	1,524	25	22	1,580	1,546
MAY.....	1,995	1,976	68	63	2,063	2,017
JUNE.....	1,890	1,875	16	16	1,906	1,891
JULY.....	1,628	1,608	32	26	1,660	1,637
AUGUST.....	2,026	1,990	66	61	2,092	2,051
SEPTEMBER.....	1,779	1,754	147	131	1,926	1,885
OCTOBER.....	2,013	1,978	33	29	2,046	2,007
NOVEMBER.....	1,822	1,794	41	36	1,863	1,830
DECEMBER.....	1,323	1,306	40	36	1,363	1,342
TOTAL.....	21,057	20,742	619	560	21,676	21,302
AVERAGE.....	1,795	1,729	51	46	1,846	1,776

L.I.A. Form M-6

MISCELLANEOUS LEAD PRODUCTS

1962	CALKING LEAD		OTHER		TOTAL	
	AMOUNT	LEAD CONTENT	AMOUNT	LEAD CONTENT	AMOUNT	LEAD CONTENT
JANUARY.....	3,951	3,951	3,097	3,096	7,048	7,048
FEBRUARY.....	3,137	3,137	2,943	2,944	6,080	6,081
MARCH.....	4,876	4,868	2,944	2,944	7,820	7,812
APRIL.....	5,154	5,156	1,947	1,918	7,101	7,074
MAY.....	6,000	6,000	3,543	3,075	9,543	9,075
JUNE.....	5,995	5,995	3,052	2,966	9,047	8,961
JULY.....	5,489	5,489	2,311	2,278	7,800	7,767
AUGUST.....	5,941	5,941	2,156	2,166	8,097	8,107
SEPTEMBER.....	5,644	5,644	2,543	2,166	8,187	7,810
OCTOBER.....	5,164	5,164	2,067	2,074	7,231	7,238
NOVEMBER.....	6,378	6,378	2,358	2,164	8,736	8,542
DECEMBER.....	3,346	3,346	1,479	1,367	4,825	4,713
TOTAL.....	62,077	62,077	31,580	31,046	93,657	93,123
AVERAGE.....	5,173	5,173	2,632	2,587	7,805	7,761

L.I.A. Form M-7

ESTIMATED DOMESTIC LEAD CONSUMPTION

(IN SHORT TONS)

A breakdown of each month's consumption figures for 1962, will be found on the following pages.

	<u>1961</u>	<u>1962</u>
January	73,440	89,130
February	71,000	78,020
March	71,000	79,800
April	67,530	70,960
May	80,800	84,900
June	70,170	82,300
July	69,870	71,000
August	79,800	86,900
September	77,930	81,740
October	82,300	82,700
November	83,000	81,040
December	<u>79,815</u>	<u>83,000</u>
TOTAL	913,565	996,920
MONTHLY AVERAGE	76,130	83,075

NOTE: We estimate that the 1961 figures are low by approximately 116,000 tons, and 1962 figures by 90,000 tons.

L. I. A.
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ESTIMATED DOMESTIC LEAD CONSUMPTION

YEAR 1963

Lead Content

(IN SHORT TONS)

INDUSTRY	WHITE LEAD		H. SC. LEAD COMPOUNDS	LITHARGE	RED LEAD	SOLDER	BEARING METAL	ANTIFRITIONAL LEAD PRODUCTS	PIPE AND EXTRUDED PRODUCTS	ROLLED PRODUCTS	CALCING LEAD	MISCELLANEOUS PRODUCTS	1962 TOTAL	1961 TOTAL
	DRY	IN OIL												
STORAGE BATTERIES				76,840	7,870			137,300				133,795 ¹	296,870	307,475
CABLE												47,940	47,940	50,000
PAINT & VARNISH	7,200	1,715	0,000	3,000	11,905							27,890	27,890	29,430
AMMUNITION												30,715	30,715	25,225
OIL REF. & GASOLINE				2,915	50							104,305	109,320	172,000
CONSTRUCTION									17,070	20,745 ²	65,300	10,645	114,090	100,605
INSECTICIDES				1,125								1,125	1,125	1,940
PRINTING				15,710	405							20,200	20,200	21,435
CERAMICS	105			9,470								10,375	10,375	15,430
COLORS												8,235	10,035	10,515
RAILROADS						11,705	0,030						6,830	8,705
AUTOMOBILES						0,435							11,745	10,015
CARS													0,435	0,445
STEEL & PIPE								2,930		700		3,000	3,000	4,425
EXHAUSTIBLE TUBES				1,300	90							3,740	3,740	3,065
WELDED & WIRE												3,230	3,230	2,905
MACHINES						1,000							1,270	900
BRASS MFG.												3,275	3,275	2,730
1 1/2" HEAD NAILS												975	975	1,040
SEALS												300	300	110
ABRASIVES												100	100	295
UNCLASSIFIED	1,705		0,000	9,140	1,040	30,030	0,170	20,045	000			77,835	107,925	133,775
1962 TOTAL	9,200	1,715	0,000	110,095	21,090	55,430	10,930	100,010	10,090	21,575	65,900	497,430	600,075 ³	
1961 TOTAL	9,205	1,930	0,005	123,035	19,805	51,570	15,070	130,415	19,270	21,120	67,070	497,730		612,545 ⁴

101 INCLUDES BLACK OXIDE

102 INCLUDES LEAD CONTENT OF LEADED ZINC BRIDE

103 SHEET AND STRIP

104 COMPARED TO U.S. BUREAU OF MINES FIGURES, THE 1961 TOTAL IS LOW BY APPROXIMATELY 114,000 TONS, DISTRIBUTED BETWEEN STORAGE BATTERIES 45,000 TONS, BRASS MANUFACTURING 17,000 TONS, AMMUNITION 21,000 TONS, CABLE 7,000 TONS, THE BALANCE DISTRIBUTED AMONG OTHER USES.

105 COMPARED TO U.S. BUREAU OF MINES FIGURES, THE 1962 TOTAL IS LOW BY APPROXIMATELY 80,000 TONS DISTRIBUTED BETWEEN STORAGE BATTERIES 30,000 TONS, BRASS MANUFACTURING 15,000 TONS, AMMUNITION 20,000 TONS, CABLE 5,000 TONS, THE BALANCE DISTRIBUTED AMONG OTHER USES.

ESTIMATED DOMESTIC LEAD CONSUMPTION

JANUARY, 1962

Lead Content

(in short tons)

INDUSTRY	WHITE LEAD		WISC. LEAD COMPOUNDS	LITHARGE	PbO LEAD	SOLDER	BEARING METALS	ANTIMONIAL LEAD PRODUCTS	PIPE AND EXTRUDED PRODUCTS	ROLLED PRODUCTS	CALCING LEAD	MISCELLANEOUS PRODUCTS	TOTAL
	PbV	IN OIL											
STORAGE BATTERIES				0,730	615			12,315				10,325a	33,205
CABLE												2,955	2,955
PAINT & VARNISH	405	100	3050	430	900							1,740	2,300
AMMUNITION												10,370	1,740
OIL REF. & GASOLINE				275									10,645
CONSTRUCTION									1,440	1,730c	4,320	1,230	8,720
INSECTICIDES				150								1,505	155
PRINTING	10			1,405	15								1,505
CERAMICS				930								670	1,600
GLAZES													
RAILROADS						1,105	630						630
AUTOMOBILES						310							1,105
CARS												415	310
STEEL & IRON								245		95			415
EXPLOSIVE TUBES				40	5							100	340
CL. SPOT & MORE													225
CRATINGS						125						505	125
DRUMS WPL												505	505
LEAD HEAD BATHS												30	30
SEALS												40	40
ADHESIVES									25			8,795	13,620
UNCLASSIFIED	115		305	400	130	1,610	905	3,750					
TOTAL	610	100	700	12,955	1,725	2,645	1,435	10,910	1,675	1,825	4,320	44,620	99,130

a. INCLUDES BLANK PRIME

b. INCLUDES LEAD CONTENT OF LEADED ZINC OXIDE

c. SHEET AND STOP

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ESTIMATED DOMESTIC LEAD CONSUMPTION

FEBRUARY, 1962

Lead Content

(in short tons)

INDUSTRY	WHITE LEAD		WISC. LEAD COMPOUNDS	LITHARGE	RED LEAD	SOLDED	BEARING METALS	ANTIFORMAL LEAD PRODUCTS	PIPE AND EXTENDED PRODUCTS	ROLLED PRODUCTS	CALCING LEAD	MISCELLANEOUS PRODUCTS	TOTAL
	BOV	IN OIL											
STORAGE BATTERIES				7,490	696			11,295				12,075A	31,475
CABLE												3,785	3,785
PAINT & VARNISH	430	120	1000	165	770							1,430	1,645
WAXES												1,430	1,430
OIL & GASOLINE				295								11,700	11,995
CONSTRUCTION									1,100	1,200C	3,305	600	6,445
INSECTICIDES				90								90	90
PRINTING												1,300	1,300
CERAMICS	10			1,305	45							1,440	1,440
COLORED				990								945	1,350
RAYONARS													545
AUTOMOBILES						990	505						555
CARS						225							225
STEEL & IRON												430	430
COLLAPSEABLE TUBES								190		30			195
ALUMINUM & IRON				90	5							215	300
COATINGS						95							95
BRASS WFL.												215	215
LEAD-HEAVY METALS												95	95
WELDS													
UNCLASSIFIED	105		300	520	165	2,005	605	1,010	30			5,075	11,720
TOTAL	545	120	320	10,645	1,640	4,220	1,220	13,200	1,195	1,230	3,305	27,045	70,025

A - INCLUDES BLACK OXIDE

B - INCLUDES LEAD CONTENT OF LEADED ZINC OXIDE

C - SHEET AND STRIP

ESTIMATED DOMESTIC LEAD CONSUMPTION

MARCH, 1962

Lead Content

(in short tons)

INDUSTRY	WHITE LEAD		MISC. LEAD COMPOUNDS	LITHARGE	RED LEAD	SOLDER	BRASS METALS	ANTIMONIAL LEAD PRODUCTS	PIPE AND FITTINGS PRODUCTS	ROLLED PRODUCTS	CASTING LEAD	MISCELLANEOUS PRODUCTS	TOTAL
	DOT	IN OIL											
STORAGE BATTERIES				9,870	600			11,245				9,765	20,670
CABLE												3,065	3,065
PAINT & VARNISH	905	125	1,000	170	705							1,815	1,815
AMMUNITION												2,005	2,005
OIL REF. & GASOLINE				250								12,005	12,105
CONSTRUCTION									1,305	2,075	4,900	1,090	9,480
INSULATIONS				60									60
PRINTING												2,005	2,005
CERAMICS	15			1,210	60							730	1,270
GLASSES				750									750
RAILROADS													570
AUTOMOBILES						1,205	570						1,775
CARS						605							605
STEEL & PIPE								150				230	230
COLLAPSEABLE TUBES										40			40
BUDDING & MORE				115	5							60	120
CASTINGS						60							60
PIPE & FITTINGS												670	670
LEAD WARE HOUSE												130	130
SEALS												25	25
ADHESIVES												30	30
UNCLASSIFIED	105		410	670	100	2,000	750	1,675	240	30		6,425	12,905
TOTAL	755	125	950	9,095	1,705	4,840	1,320	13,070	1,625	2,005	4,900	20,040	70,000

B - INCLUDES BLACK OXIDE

C - INCLUDES LEAD CONTENT OF LEADED ZINC OXIDE

D - SHEET AND STRIP

ESTIMATED DOMESTIC LEAD CONSUMPTION

APRIL, 1962

Lead Content

(in short tons)

Industry	WHITE LEAD		WISC. LEAD COMPOUNDS	LITHARGE	RED LEAD	SOLDER	BEARING METALS	ANTIFRUSTAL LEAD PRODUCTS	PIPE AND FITTINGS PRODUCTS	COILED PRODUCTS	COATING LEAD	MISCELLANEOUS PRODUCTS	TOTAL
	DOT	IN OIL											
STORAGE BATTERIES				0.010	795			10.105				9.6304	20.940
CABLE												3.100	3.100
PAINT & VARNISH	640	205	1500	155	885							2.055	2.055
AMMUNITION												2.055	2.055
OIL DOT & BATTERY				250								12.080	12.330
CONSTRUCTION									1.305	1.6254	5.650	1.705	10.275
INSULATION				55									55
PAINTING												1.570	1.570
COATING	15			1,000	55							1,000	1,055
COLORED													
BALLOONS													55
AUTOMOBILES						805	575						805
CARS						245							245
STEEL & IRON								100				270	270
COLLAPSEABLE TUBES										20			20
GLASS & MISC				50	5							200	255
COATING						55							55
BRASS WPS.												275	275
LEAD WIRE NAILS												110	110
STEEL												30	30
AMMUNITION												40	40
UNCLASSIFIED	160		205	640	205	3,355	725	2,225	50			4,790	12,325
TOTAL	825	205	545	0.755	1,045	4,500	1,300	12,620	1,045	1,645	5,650	36,905	74,930

A - INCLUDES BULK OXIDE

B - INCLUDES LEAD CONTENT OF LEADED BULK OXIDE

C - SHEET AND STRIP

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ESTIMATED DOMESTIC LEAD CONSUMPTION

MAY, 1962

Lead Content

(in short tons)

INDUSTRY	WHITE LEAD		MISC. LEAD COMPOUNDS	LITHARGE	RED LEAD	SOLDER	BEADING METALS	ANTIFERIAL LEAD PRODUCTS	PIPE AND EXTENDED PRODUCTS	DOLLED PRODUCTS	CALMING LEAD	MISCELLANEOUS PRODUCTS	TOTAL
	DOT	IN OIL											
STORAGE BATTERIES				6,950	73%			10,405				10,540	28,650
CABLE												4,308	4,308
PAINT & VARNISH	75%	100	4000	165	87%							1,955	2,375
AMMUNITION												1,955	1,955
OIL REF. & GASOLINE				775								12,515	12,790
CONSTRUCTION									1,545	1,875	7,005	755	11,200
INSULATED CABLE				60									60
PRINTING												1,875	1,875
CERAMICS	20			1,255	50								1,325
GLASS				700								755	1,455
BATTERIES													645
AMMUNITION						90%	640						90%
CABLE						92%							92%
STEEL & IRON								210				250	250
CELLULOSE PULP				95	50					45		250	250
GLASS & WOOD													250
COATINGS						115							115
BRASS WIRE												195	195
LEAD HEAD BAILS												50	50
BRASS													
BRASSING													
UNCLASSIFIED	100		90%	535	10%	2,405	70%	2,405	50			7,135	15,315
TOTAL	95%	100	90%	10,025	1,815	5,520	1,405	13,080	1,645	1,920	7,005	40,545	64,990

A - INCLUDED OTHER OXIDE

B - INCLUDED LEAD CONTENT OF LEADED ZINC OXIDE

C - SHEET AND STRIP

L. I. A.
Page 2

ESTIMATED DOMESTIC LEAD CONSUMPTION

JUNE, 1962

Lead Content

(in short tons)

INDUSTRY	WHITE LEAD		BISC. LEAD COMPOUNDS	LITHARGE	RED LEAD	SOLDER	WEAVING METALS	ANTIMONIAL LEAD PRODUCTS	PIPE AND EXTRUDED PRODUCTS	BOLTS PRODUCTS	CALMING LEAD	MISCELLANEOUS PRODUCTS	TOTAL
	BOY	IN OIL											
STORAGE BATTERIES				5,440	600			10,185				12,400a	28,445
CABLE												4,520	4,520
PAINT & VARNISH	765	215	4150	370	930							2,715	2,715
AMMUNITION												1,830	1,830
OIL REF. & GASOLINE				280								12,370	12,370
CONSTRUCTION									1,305	1,025c	5,345	505	7,980
INSECTICIDES				105									105
PRINTING												1,300	1,300
CHROMICS	30			1,310	75								1,355
COLORES				760								85	1,505
BATTERIES													535
AUTOMOBILES						1,010	535						1,010
CARS						940							940
STEEL & IRON												315	315
COLLAPSEABLE TUBES								135		15			150
SOLDER & MORE				110	5							95	210
COATINGS						120							120
BRASS WFS.												235	235
LEAD HEAD NAILS												60	60
STALS													
ABRASIVES													
UNCLASSIFIED	180		400	755	130	3,120	940	1,920				8,950	13,835
TOTAL	995	215	815	8,050	1,090	5,200	1,305	12,240	1,305	1,040	5,345	41,795	82,395

A - INCLUDES BLACK OXIDE

B - INCLUDES LEAD CONTENT OF LEADED ZINC OXIDE

C - SHEET AND STRIP

ESTIMATED DOMESTIC LEAD CONSUMPTION

JULY, 1962

Lead Content

(in short tons)

INDUSTRY	WHITE LEAD		WISC. LEAD COMPOUNDS	LITHARGE	Pb LEAD	SOL. Pb	BEARING METALS	ANTISEPTIC LEAD PRODUCTS	PIPE AND FITTINGS PRODUCTS	POLLED PRODUCTS	CALCINE LEAD	MISCELLANEOUS PRODUCTS	TOTAL
	DRY	IN OIL											
STORAGE BATTERIES				5,070	890			8,955				8,955	23,800
PAINT	730	185	4100	300	900							2,640	2,640
PAINT & VARNISH												1,915	1,915
AMULSION												13,505	13,505
OIL REF. & GASOLINE													
CONSTRUCTION									1,400	1,610c	9,300	310	9,100
INSULATIONS				100									100
PRINTING												1,355	1,355
CERAMICS	10			1,100	30								1,100
COLORED				875								990	1,375
RAILROADS													505
AUTOMOBILES						950	905						650
COAL						950							650
STEEL & IRON												250	250
COLLAPSEABLE TUBES										25			25
P. POWER & HEAT				85	5							195	245
COATINGS						70							70
DRILL WPS												470	470
LEAD HEAD NAILS												20	20
SEAL &												40	40
AMPHIBIES													
LA. ASSISTED	100		750	700	130	2,810	845	2,335	85			4,870	11,375
TOTAL	930	185	640	7,600	1,805	4,700	1,150	10,690	1,485	1,635	9,500	25,625	71,905

a - INCLUDES BLACK OXIDE

b - INCLUDES LEAD CONTENT OF LEADED ZINC OXIDE

c - SHEET AND STRIP

ESTIMATED DOMESTIC LEAD CONSUMPTION

AUGUST, 1962

Lead Content

(in short tons)

INDUSTRY	WHITE LEAD		MISC. LEAD COMPOUNDS	LITHARGE	RED LEAD	SOLDED	HEADING METALS	AUTOMOBILE LEAD PRODUCTS	PIPE AND EXTENDED PRODUCTS	SOLDED PRODUCTS	CALCING LEAD	MISCELLANEOUS PRODUCTS	TOTAL
	BOY	IN OIL											
STANDARD BATTERIES				8,465	675			13,230				11,905 ^a	31,675
CABLE												3,725	3,725
PAINT & VARNISH	740	185	425 ^b	300	965							1,235	2,705
AMMUNITION												15,240	15,235
BIL. MET. & ALLOYING				275									15,515
CONSTRUCTION									1,430	1,990 ^c	6,150	625	10,195
INSULATIONS				195								1,605	1,605
BRISTLES	10			1,005	25							1,530	1,530
COINERS				810								1,510	1,510
BATTERIES													540
AUTOMOBILES						900	540						940
CARS						600							600
STEEL & IRON								205				330	330
NON-FERROUS METALS										60		245	345
ALUMINUM & COPPER				300	10								315
BATTERIES						100							100
BOATS AND												115	115
LEAD BOLT BOLLS												70	70
SAF. &												75	75
AMMUNITION												30	30
UNCLASSIFIED	190		670	205	145	2,945	875	2,575	55			1,430	12,700
TOTAL	940	185	875	10,005	1,870	4,425	1,115	16,090	1,405	2,070	6,150	21,540	56,900

A. INCLUDES BULK BOTTLE

B. INCLUDES LEAD CONTENT OF LEADED ZINC OXIDE

C. SHEET AND STRIP

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ESTIMATED DOMESTIC LEAD CONSUMPTION

SEPTEMBER, 1963

Lead Content

(in short tons)

INDUSTRY	SHEET LEAD		WIRE LEAD COMPOUNDS	LITHIUM	PbO LEAD	SOLDER	BRASS	ANTIMONIAL LEAD PRODUCTS	PIPE AND EXTRUDED PRODUCTS	ROLLERS	CALCINA LEAD	MISCELLANEOUS PRODUCTS	TOTAL
	DOT	IN OIL											
STORAGE BATTERIES				5,305	505			11,070				10,875	26,885
CABLE												4,500	4,500
PAINT & LACQUER	600	120	2000	300	1,000							1,375	2,500
WELDING												14,000	14,000
OIL, GREASE & LUBRICANTS				205									
CONSTRUCTION									1,250	1,750	0,170	970	10,140
INDUSTRIAL				50									50
PAINTING												1,000	1,000
COLORED	10			1,100	50							700	1,250
COLORED				705									705
RAILROADS							400						400
AUTOMOBILES						505							505
CARS						500							500
STEEL & IRON												200	200
WELDED PIPE										200			200
WELDED PIPE				150	50							175	705
WELDED PIPE													
WELDED PIPE						55						70	55
WELDED PIPE												70	70
WELDED PIPE												90	90
WELDED PIPE												0,000	0,000
WELDED PIPE	170		215	400	135	3,005	535	1,705	100				12,015
WELDED PIPE													
TOTAL	800	120	705	8,005	1,035	8,075	1,015	13,055	1,250	2,110	0,170	40,725	61,705

A - INCLUDES BLANK SHEET

B - INCLUDES LEAD CONTENT OF LEADED ZINC OXIDE

C - SHEET AND PIPE

L. S. A.
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ESTIMATED DOMESTIC LEAD CONSUMPTION

OCTOBER, 1962

Lead Content

(in short tons)

INDUSTRY	WHITE LEAD		MISC. LEAD COMPOUNDS	LITHARGE	RED LEAD	SOLDED	BEARING METALS	ANTIFRICTIONAL LEAD PRODUCTS	PIPE AND EXTENDED PRODUCTS	BOLTED PRODUCTS	COATING LEAD	MISCELLANEOUS PRODUCTS	TOTAL
	DRY	IN OIL											
STORAGE BATTERIES				6,940	600			12,740				11,700 ^a	31,690
CABLE				430	1,100							5,300	5,300
PAINT & VARNISH	575	130	4050									1,740	2,750
AMMUNITION				245	5							17,005	17,250
OIL, GREASE & LUBRICANTS													
CONSTRUCTION									1,005	1,000 ^c	5,325	600	6,930
INDUSTRIES				65								1,005	1,070
PAINTING													
CEMENT	10			1,510	95							1,125	2,115
CEMENT				500									
RAILROADS													
ALUMINUM													
LEAD						975	530						1,505
STEEL & IRON						415							415
COLLOIDAL PAPER								200		20		300	500
GLASS & MISC.				140	75							50	215
COATING													
DRYING						105						125	230
LEAD MEAN METAL												50	50
MISC.												70	70
ADHESIVE													
UNCLASSIFIED	145		305	530	100	3,525	900	1,840	60			8,905	16,110
TOTAL	730	130	840	10,445	2,870	5,020	1,005	14,965	1,645	2,010	5,325	49,305	93,780

a - INCLUDES BLACK OXIDE

b - INCLUDES LEAD CONTENT OF LEADED ZINC OXIDE

c - SHEET AND STRIP

L I A.
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ESTIMATED DOMESTIC LEAD CONSUMPTION

NOVEMBER, 1962

Lead Content

(in short tons)

INDUSTRY	WHITE LEAD		PINK LEAD COMPOUNDS	LITHARGE	RED LEAD	SOLDED	BEARING METALS	ANTIFRUSTAL LEAD PRODUCTS	PIPE AND EXTRUDED PRODUCTS	ROLLED PRODUCTS	CALCINED LEAD	MISCELLANEOUS PRODUCTS	TOTAL
	DOT	IN OIL											
STORAGE BATTERIES				5,705	600			12,740				14,270a	23,205
CABLE	300	95	400c	410	975							5,120	5,120
PAINT & VARNISH												2,430	2,430
AMMUNITION												1,705	1,705
OIL REF. & GASOLINE				235	5							14,400	14,720
CONSTRUCTION									1,440	1,000c	7,275	1,055	11,670
INSECTICIDES				55									55
PRINTING												1,040	1,040
CERAMICS	10			1,375	30								1,405
GLASS				990								900	1,450
BOLTS/BOLTS													300
HYDROELECTRIC						1,075	300						1,075
CABLE						410							410
STEEL & IRON												630	630
COLLAPSI-BLE TUBES								205		30			235
WELDS & WELD				120	10							175	270
COATINGS						120							120
BRASS & AL.												95	95
LEAD-HEAVY PAINTS												100	100
STEEL												50	50
UNCLASSIFIED	125		435	445	120	3,195	970	2,225		140		6,055	12,000
TOTAL	630	95	805	9,320	1,770	4,810	1,270	15,270	1,440	1,075	7,275	48,310	91,040

a - INCLUDES BLACK OXIDE

b - INCLUDES LEAD CONTENT OF LEADED FINE OXIDE

c - SHEET AND STRIP

ESTIMATED DOMESTIC LEAD CONSUMPTION

DECEMBER, 1962

Lead Content

(in short tons)

INDUSTRY	WHITE LEAD		SPEC. LEAD COMPOUNDS	LITHARGE	RED LEAD	SOLDER	BEARING METALS	ANTIFRIZZAL LEAD PRODUCTS	PIPE AND EXTENDED PRODUCTS	ROLLED PRODUCTS	CALCING LEAD	MISCELLANEOUS PRODUCTS	TOTAL
	BOY	IN OIL											
STORAGE BATTERIES				5,725	505			11,005				10,005	20,500
CABLE					500							4,125	4,125
PAINT & VARNISH	325	65	2100	300								1,050	1,050
AMMUNITION												1,740	1,740
OIL REF. & GASOLINE				270								13,005	14,175
CONSTRUCTION									1,215	1,300	3,045	500	6,075
INSPECTION				30	10								40
PRINTING												1,050	1,050
CERAMICS	5			1,100	35								1,230
GLASS				815								410	1,225
RAILROADS													600
ALUMINUM						525	500						525
COAL						210							210
STEEL & IRON								805				100	100
COLLAPSE TUBES										30			30
GLASS & MORE				100	5							100	205
FOOTING						80							80
BRASS WPS.												95	95
LEAD NAIL NAILS												80	80
STEEL													
REPAIRS													
UNCLASSIFIED	80		300	425	125	2,030	500	2,500	100			9,015	16,030
TOTAL	410	65	510	8,005	1,670	4,245	1,230	15,000	1,315	1,340	3,045	43,795	63,000

A - INCLUDES BLACK OXIDE

B - INCLUDES LEAD CONTENT OF LEADED ZINC OXIDE

C - SHEET AND STRIP