



C52

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
U.S. GEOLOGICAL SURVEY  
986 NATIONAL CENTER  
RESTON, VIRGINIA 20192

**ALUMINUM SCRAP**

**INDIVIDUAL COMPANY  
DATA - PROPRIETARY**

The data furnished in this report will be treated in confidence by the Department of the Interior, except that they may be disclosed to Federal defense agencies, or to the Congress upon official request for appropriate purposes. Unless objection is made in writing to the USGS, the information furnished in this report may be disclosed to the respondent's State Geological Survey (or similar State Agency) if the State has appropriate safeguards to prevent disclosing company proprietary data.

\_\_\_\_\_  
(Please correct if name or address has changed.)

**FACSIMILE NUMBER  
1-800-543-0661**

Public voluntary reporting burden for this collection of information is estimated to average 1 HOUR per response. A Federal agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. Comments regarding this collection of information should be directed to: U.S. Geological Survey, Statistics and Information Systems Section, 988 National Center, Reston, VA 20192. **Please do not mail canvass forms to this address.**

Collection of nonfuel minerals information is authorized by Public Law 96-479 and the Defense Production Act. This information is used to support executive policy decisions pertaining to emergency preparedness, national defense, and analyses for minerals legislation and industrial trends. The USGS relies on your voluntary and timely response to assure that its information is complete and accurate.

**Plant covered by this report.**

Location City or town \_\_\_\_\_ County \_\_\_\_\_ State \_\_\_\_\_

**Type of plant (please check):**  (1) Secondary Smelter  (2) Independent Mill Fabricator  (3) Integrated Aluminum Company  
 (4) Foundry  (5) Chemical/Other (Specify) \_\_\_\_\_

**SECTION 1. Stocks, receipts, and disposition of purchased and tolled aluminum scrap. REPORT GROSS WEIGHT IN POUNDS.**

Material (1)	Code	Beginning stocks (2)	Receipts (3)	Consumption (4)	Shipments (5)	Ending stocks (6)
<b>NEW SCRAP</b>						
Extrusion (6X).....	107					
Can stock clippings (3X/5X).....	105					
Other wrought sheet/clippings.....	106					
Casting (380/319/356, etc.).....	108					
Borings and turnings.....	102					
Dross and skimmings.....	104					
<b>TOTAL new scrap.....</b>	<b>113</b>					
<b>OLD SCRAP</b>						
Used casting (380/319/356, etc.).....	120					
Used extrusion (6X).....	121					
Used cans (shredded, loose baled).....	116					
Other wrought products.....	122					
Fragmentized scrap (auto shredder).....	118					
<b>TOTAL old scrap.....</b>	<b>126</b>					
<b>TOTAL ALL SCRAP.....</b>	<b>199</b>					
<b>QUANTITY IN COLUMN 3 THAT WAS:</b>						
Imported.....	316					
Received on toll.....	317					

OVER

**SECTION 2. Stocks, receipts, and disposition. REPORT GROSS WEIGHT IN POUNDS.**

Item (1)	Code	Beginning stocks (2)	Receipts (3)	Production (4)	Consumption (5)	Shipments (6)	Ending stocks (7)
Sweated pig.....	401						
Can scrap RSI.....	402						
Other RSI.....	403						
Dross sow.....	404						

**SECTION 3. Primary aluminum and other metals used in the production of secondary aluminum in ingot, shot, grain, billet and molten form. REPORT GROSS WEIGHT IN POUNDS.**

Material (1)	Code	Consumption (2)
Primary aluminum.....	301	
Primary silicon.....	302	
Other alloying additives ( <i>specify</i> ) _____		

**SECTION 4. Stocks, receipts, production, and shipments of domestic secondary aluminum and aluminum alloys (in ingot, shot, grain, billet and molten form.) REPORT GROSS WEIGHT IN POUNDS.**

Item (1)	Code	Beginning stocks (2)	Receipts (3)	Production (4)	Shipments (5)	Ending stocks (6)
<b>DIE CAST ALLOYS</b>						
13 percent Si, 360, etc. (0.6 percent Cu, max.).....	201					
380 and variations.....	202					
Other ( <i>specify</i> ) _____						
<b>SAND AND PERMANENT MOLD</b>						
96/5 Al-Si, 356, etc. (0.6 percent Cu, max.).....	207					
No. 12 and variations.....	208					
No. 319 and variations.....	209					
F-132 alloy and variations.....	210					
Al-Mg alloys.....	211					
Al-Zn alloys.....	212					
Al-Si alloys (0.6 percent to 2.0 percent Cu).....	213					
Al-Cu alloys (1.5 percent Si, max.).....	214					
Al-Si-Cu-Ni alloys.....	215					
Other ( <i>specify</i> ) _____						
<b>WROUGHT ALLOYS</b>						
Extrusion billets.....	221					
Other ( <i>specify</i> ) _____						
<b>MISCELLANEOUS</b>						
Steel deoxidizers.....	226					
Pure (97.0 percent Al).....	227					
Aluminum-base hardeners.....	228					
Other ( <i>specify</i> ) _____						
<b>TOTAL.....</b>	<b>299</b>					

**Remarks:**

Name of person to be contacted regarding this report			Tel. area code		No.		Ext.				
Address		No.		Street		City		State		ZIP Code	

May tabulations be published which could indirectly reveal the data reported above?  (1) Yes  (2) No

Signature			Title			Date		
-----------	--	--	-------	--	--	------	--	--

C52

## GENERAL INSTRUCTIONS

Users of purchased and tolled, domestic and imported aluminum-base scrap or aluminum scrap segregated from automotive shredders, dross, municipal wastes, and other scrap processing operations owned by the same company should report in SECTION 1. Producers of secondary aluminum alloys from such scrap should also report in SECTIONS 3 and 4. Users and producers of sweated pig, RSI, and dross sow should report in SECTION 2. Establishments that use purchased and tolled, domestic and imported aluminum-base scrap FOR NON-ALUMINUM APPLICATIONS SUCH AS STEEL DEOXIDATION, CHEMICALS, FLARES, EXPLOSIVES, CATALYSTS, ALLOYING OF OTHER METALS, etc. should check Box 5 and fill out the appropriate line in SECTION 1. Non-integrated fabricators and producers of aluminum paste and powder from aluminum-base scrap should check Box 2.

Please return this form **BY THE 15TH OF THE MONTH** following the reporting period in the enclosed envelope or fax to the toll-free number on the first page of this form. Complete a separate form for each plant that was active during the reporting period. If you have nothing to report, please complete "Plant covered by this report", sign, and return the form. Use zero (0) when appropriate. Do not report decimals or fractions. In completing this form, reasonable estimates should be used wherever exact data are not available. Round to the nearest whole number. REPORT GROSS WEIGHT IN POUNDS. Please use the space for Remarks to provide any specific information that will help in the use or interpretation of the data. Please do not make entries in shaded areas. Additional forms are available upon request.

If you have any questions concerning completion of this form, please contact the Mineral Commodities Data Unit, U.S. Geological Survey, 985 National Center, Reston, VA 20192, Telephone (703) 648-7960.

## SPECIFIC INSTRUCTIONS

*(Please follow these guides when completing the report form.)*

**SECTION 1. Stocks, receipts, and disposition of purchased and tolled aluminum scrap.** Include on LINES 102 through 199 all aluminum scrap received on toll, purchased, and imported, and old scrap recovered from your own scrap processing operations. Do not include your own home, run-around, or plant scrap and used within the facility.

- Column 1. Material to be reported.** Report all purchased and tolled, domestic and imported aluminum-base scrap, regardless of ownership. Include aluminum-base scrap from automotive shredding, municipal wastes, can recycling, and other scrap processing facilities owned by the reporting company. Include foil with other clippings.
- Column 2. Beginning stock.** Report all purchased and tolled, domestic and imported aluminum scrap (COLUMN 1) on hand at the reporting plant at the beginning of the reporting period, regardless of ownership. Include stock of aluminum-base scrap recovered for automotive shredding or other scrap processing facilities owned by the reporting company. Entries should equal ending stock (COLUMN 6) for the preceding period, unless revised.
- Column 3. Receipts.** Report the quantity of purchased and tolled, domestic and imported aluminum-base scrap received by the reporting establishment during the reporting period. Include receipts of aluminum-base scrap recovered from automotive shredding and other scrap processing facilities owned by the reporting company.
- Column 4. Consumption.** Report the quantity of purchased and tolled, domestic and imported scrap consumed in the reporting establishment during the reporting period. Include the consumption of purchased and tolled scrap to produce sweated pig and RSI. Include consumption of aluminum-base scrap recovered from automotive shredding or other facilities owned by the reporting company.
- Column 5. Shipments.** Report the quantity of purchased and tolled, domestic and imported aluminum scrap shipped without change by the reporting establishment during the reporting period. Exclude materials in transit. Include shipments of aluminum-base scrap recovered from automotive shredders and other facilities owned by the reporting company.
- Column 6. Ending stock.** Report the quantity of purchased and tolled, domestic and imported aluminum scrap on hand at the reporting establishment at the end of the reporting period. Include stock of aluminum-base scrap recovered from automotive shredders and other scrap processing facilities owned by the reporting company. *For each line, the entry in COLUMN 6 should equal COLUMN 2 plus COLUMN 3 minus COLUMN 4 minus COLUMN 5.*

OVER

## SPECIFIC INSTRUCTIONS *(continued)*

**SECTION 2. Stocks, receipts, and disposition of sweated pig, remelt scrap ingot (RSI) and dross sow.** Include on LINES 401 and 404 all sweated pig, RSI, and dross sow, purchased, imported, received on toll, consumed to produce aluminum alloys, and produced from purchased, imported and toll scrap. Do not include sweated pig, RSI, and dross sow produced from your own home, run-around, or plant scrap used within the facility.

**Column 1.** Self-explanatory.

**Columns 2 & 7.** Report all sweated pig, RSI, and dross sow on hand at the reporting establishment at the beginning and the end of the reporting period, regardless of ownership. *Entries in COLUMN 2 should equal ending stock (COLUMN 7) for the preceding period, unless revised. For each entry on LINES 401 through 404, COLUMN 7 should equal COLUMN 2 plus COLUMN 3 plus COLUMN 4 minus COLUMN 5 minus COLUMN 6.*

**Columns 3 & 6.** Report receipts and shipments of sweated pig, RSI, and dross sow during the reporting period. Include these items produced from purchased scrap, but exclude items produced from home type scrap.

**Column 4.** Report finished sweated pig, RSI, and dross sow produced from purchased, imported, and tolled aluminum scrap as reported by your organization in SECTION 1, COLUMN 4. Do not report production of these items from home type scrap.

**Column 5.** Report consumption of sweated pig, RSI, and dross sow used in the production of aluminum alloys as reported in SECTION 4, COLUMN 4. Include items purchased, imported and tolled, and items produced from scrap reported consumed in SECTION 1. Do not report material produced from home type scrap consumed within your reporting organization.

**SECTION 3. Primary aluminum and other metals used in the production of secondary aluminum in ingot, shot, grain, billet, and molten form. REPORT WEIGHT IN GROSS POUNDS.**

**Columns 1 & 2.** Self-explanatory.

**SECTION 4. Stocks, receipts, production, and shipments of domestic secondary aluminum and aluminum alloys.** Include on LINES 201 through 299 all domestic secondary aluminum and aluminum alloys received, produced, and shipped within your scrap processing operations. Include all ingot, shot, grain, billet, and molten forms produced from purchased, imported, and tolled scrap reported in SECTION 1, and from sweated pig, RSI, and dross sow reported in SECTION 2. REPORT WEIGHT IN GROSS POUNDS.

**Column 1.** Self-explanatory.

**Columns 2 & 6.** Report beginning and ending stock of finished secondary aluminum produced from materials reported in SECTIONS 1, 2 and 3. Entries in COLUMN 2 should equal ending stock (COLUMN 6) for the preceding period, unless revised. *For each entry on LINES 201 and through 299, COLUMN 6 should equal COLUMN 2 plus COLUMN 3 plus COLUMN 4 minus COLUMN 5.*

**Column 3.** Report receipts of finished secondary aluminum received by your reporting company during the reporting period.

**Column 4.** Report finished secondary aluminum produced by your reporting company during the reporting period.

**Column 5.** Report all shipments of finished domestic secondary aluminum and aluminum alloys, including locally produced sweated pig, dross sow, and RSI, shipped by your reporting company during the reporting period.

