



C88

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

SCANDIUM

INDIVIDUAL COMPANY
DATA - PROPRIETARY

Unless authorization is granted in the section above the signature, 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 reporting burden for this voluntary collection of information is estimated to average 60 MINUTES 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.**

INSTRUCTIONS

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.

Please return this form in the enclosed envelope or fax to the above toll-free number **BY THE END OF JANUARY, IF POSSIBLE**. Complete a separate form for each mineral establishment that was active during the reporting period. A mineral establishment is defined as a single physical location where mineral operations are conducted; for example, a mine only, a mine and preparation plant, or a preparation plant only.

If you do not have exact data, please enter your best estimates and mark with an /e. Use zero (0) when appropriate. Do not report decimals or fractions. Round to the nearest whole number. If you have nothing to report, please sign, and return the form. Please do not make entries in shaded areas.

Please use the space for "Remarks" to provide any specific information that will help us in the use or interpretation of the data. Any statement on the effect of changes in economic conditions upon the reporting establishment will be useful. 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.

1. Stocks, production, receipts, and disposition of scandium.

Material (1)	Code	Report basis	Weight unit Mark (X) one (2)				AVERAGE CONTENT (3)		Beginning stocks (4)	Imports (5)	Domestic receipts (6)	Production (7)	Consumption (8)	SHIPMENTS TO CONSUMERS		Ending stocks (11)
			Pounds	Kilograms	TONS									U.S. (9)	Exports (10)	
					Short	Metric	Sc ₂ O ₃	Sc								
Ores:		GROSS WEIGHT Sc ₂ O ₃ EQUIVALENT														
Uranium.....	501															
Tungsten.....	502															
Fluorite.....	503															
Phosphate.....	504															
Thortveitite.....	507															
Other (<i>specify</i>)																
	505															
Other (<i>specify</i>)																
	506															
Scandium concentrate.....	511															
Mixed concentrate.....	512															

OVER

1. Stocks, production, receipts, and disposition of scandium. (continued)

Material (1)	Code	Report basis	Weight unit Mark (X) one (2)				AVERAGE CONTENT (3)		Beginning stocks (4)	Imports (5)	Domestic receipts (6)	Production (7)	Consumption (8)	SHIPMENTS TO CONSUMERS		Ending stocks (11)
			Pounds	Kilograms	TONS									U.S. (9)	Exports (10)	
					Short	Metric	Sc ₂ O ₃	Sc								
Scandium compounds:		- GROSS WEIGHT - Sc ₂ O ₃ EQUIVALENT -														
Oxide.....	513															
Iodide.....	514															
Nitrate.....	517															
Scandium garnets.....	518															
Organic scandium compounds.....	519															
Other _____	515															
Other _____	516															
Scandium metal and alloys:																
Scandium metal.....	521															
Scandium alloys:																
Scandium alloys - other	522															
Al-Sc (2%) master.....	525															
Al-Sc (7050).....	526															
Al-Sc (7055).....	527															
Other _____	523															
Other _____	524															
Radioactive isotopes (specify) _____	528															
Scandium other.....	530															

2. Sources of scandium imports.

☐ Australia	☐ China	☐ India	☐ Madagascar	☐ South Africa	☐ Others (specify) _____
☐ Brazil	☐ Estonia	☐ Japan	☐ Malaysia	☐ Ukraine	_____
☐ Canada	☐ France	☐ Kazakstan	☐ Russia	☐ United Kingdom	_____

3. Quantity of shipments to consumers by use.

Use	Code	Sc ₂ O ₃ equivalent compounds		Sc metal content gross weight		Use	Code	Sc ₂ O ₃ equivalent compounds		Sc metal content gross weight	
		lbs. ☐	kgs. ☐	lbs. ☐	kgs. ☐			lbs. ☐	kgs. ☐	lbs. ☐	kgs. ☐
Catalysts.....	803					Electronics.....	821				
Alloys.....	809					Ceramics.....	826				
Lighting.....	812					Other _____	827				
Lasers.....	815					Other _____	828				

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	
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