

Mineral Industry Surveys

For information, contact:

Kim B. Shedd, Tungsten Commodity Specialist
National Minerals Information Center
U.S. Geological Survey
989 National Center
Reston, VA 20192
Telephone: (703) 648-4974, Fax: (703) 648-7757
Email: kshedd@usgs.gov

Annie Hwang (Data)
Telephone: (703) 648-7952
Fax: (703) 648-7975
Email: ahwang@usgs.gov

Internet: <http://minerals.usgs.gov/minerals/>

TUNGSTEN IN JUNE 2017

U.S. net production of intermediate tungsten products, including metal powder and tungsten carbide powder, was withheld to avoid disclosing company proprietary data.

The amount of tungsten contained in U.S. imports of selected materials in January through June 2017 was 61% more than that imported during the same period in 2016 (table 2). The amount of tungsten contained in U.S. exports of selected materials in January through June 2017 was 36% more than that exported during the same period in 2016 (table 3).

Prices

Prices for June 2017 were sourced from Platts Metals Week. The following prices, in dollars per metric ton unit, were

converted from short-ton-unit prices and rounded to the nearest dollar.

Ammonium paratungstate, U.S. free market:

Low—\$254/metric ton unit WO_3 (\$230/short ton unit WO_3)

High—\$309/metric ton unit WO_3 (\$280/short ton unit WO_3)

Concentrates:

Low—\$220/metric ton unit WO_3 (\$200/short ton unit WO_3)

High—\$265/metric ton unit WO_3 (\$240/short ton unit WO_3)

List services and web feed subscribers are the first to receive notification of USGS minerals information publications and data releases. For information on how to subscribe, go to <http://minerals.usgs.gov/minerals/>.

NOTICE

The U.S. Geological Survey plans to discontinue this monthly Mineral Industry Surveys report. The last published report will be Tungsten in December 2017. Information on this mineral commodity will still be available on an annual basis in the tungsten chapters of the Mineral Commodity Summaries and the Minerals Yearbook, Volume I, Metals and Minerals. Prior to the proposed discontinuation date, please direct any comments or concerns to Elizabeth Sangine, Chief, Mineral Commodities Section, escottsangine@usgs.gov.

TABLE 1
U.S. SALIENT TUNGSTEN STATISTICS¹

(Metric tons, tungsten content)

Period	Concentrate				Intermediate products			
	Reported consumption	Imports for consumption	Stocks, end of period		Net production ^{p, 4}	Stocks, end of period		
			Industry ^{p, 2}	U.S. Government ³		Producer ^{p, 5}	U.S. Government ³	
2016:								
June	W	256	W	11,600	W	516 ^r	125	
July	W	180	W	11,600	W	506 ^r	125	
August	W	432	W	11,600	W	518 ^r	125	
September	W	303	W	11,600	W	476 ^r	125	
October	W	414	W	11,600	W	532 ^r	125	
November	W	182	W	11,600	W	437 ^r	125	
December	W	289	W	11,600	W	544 ^r	125	
January–December	W	3,580	W	11,600	W	544 ^r	125	
2017:								
January	W	404	W	11,600	W	564 ^r	125	
February	W	313	W	11,600	W	576 ^r	125	
March	W	305	W	11,300	W	422 ^r	125	
April	W	412	W	11,100	W	446 ^r	125	
May	W	307	W	10,800	W	644 ^r	125	
June	W	252	W	10,700	W	614 ^r	125	
January–June	W	1,990	W	10,700	W	614	125	

^pPreliminary. ^rRevised. W Withheld to avoid disclosing company proprietary data.

¹Data are rounded to no more than three significant digits; may not add to totals shown.

²Reported by consumers.

³Data from the Defense Logistics Agency Strategic Materials.

⁴Net production of tungsten metal powder and tungsten carbide powder.

⁵Data for tungsten metal powder and tungsten carbide powder reported by producers; includes estimates.

TABLE 2
U.S. IMPORTS FOR CONSUMPTION OF TUNGSTEN, BY COUNTRY¹

(Metric tons, tungsten content)

Period and country of origin	Ores and concentrates	Ammonium tungstates	Ferro-tungsten	Metal powder	Tungsten carbide powder	Other ²	Total	Total, year to date
2016	3,580	1,020	236	1,040	782	1,510	8,200	XX
2017:								
April	412	301	8	59	60	376	1,210	4,310
May	307	386	9	157	146	177	1,180	5,490
June:								
Austria	--	--	--	(3)	27	6	33	197
Bolivia	77	--	--	--	--	--	77	587
Brazil	--	--	--	--	--	--	--	6
Burma	12	--	--	--	--	--	12	12
Burundi	--	--	--	--	--	--	--	63
Canada	--	--	--	9	27	1	37	274
China	(3)	99	--	72	128	144	444	2,740
Czechia	--	--	--	--	4	(3)	5	7
France	--	--	--	(3)	1	1	2	8
Germany	--	50	--	8	1	2	62	369
Hong Kong	--	--	--	--	--	--	--	9
Hungary	--	--	--	--	--	(3)	(3)	3
India	--	--	--	--	--	(3)	(3)	8
Israel	--	--	--	4	1	(3)	5	55
Japan	--	--	--	4	(3)	8	12	54
Korea, Republic of	--	--	--	34	(3)	(3)	34	158
Mexico	1	--	--	--	--	1	2	4
Mongolia	--	--	--	--	--	--	--	54
Netherlands	--	--	--	--	--	--	--	9
Poland	7	--	--	--	--	--	7	8
Portugal	59	--	--	--	--	--	59	264
Russia	--	--	--	--	--	--	--	551
Rwanda	--	--	--	--	--	--	--	11
Seychelles	--	--	--	--	--	--	--	7
Spain	52	--	--	--	--	(3)	52	232
Taiwan	--	--	--	--	--	(3)	(3)	3
Thailand	--	--	--	--	--	--	--	13
Uganda	--	--	--	--	--	--	--	25
United Kingdom	42	--	--	--	--	(3)	42	218
Uzbekistan	--	--	--	--	--	--	--	9
Vietnam	--	48	--	--	--	13	62	473
Other	(3)	--	--	--	(3)	1	2	6
Total	252	197	--	132	190	179	950	6,440
January–June	1,990	1,470	121	664	751	1,440	6,440	XX

XX Not applicable. -- Zero.

¹Data are rounded to no more than three significant digits; may not add to totals shown.

²Includes other unwrought tungsten, wrought tungsten, calcium and other tungstates, tungsten oxides, tungsten chlorides, other tungsten compounds, ash and residues containing mainly tungsten, and other mixtures of inorganic compounds containing tungsten. Tungsten content estimated in part.

³Less than ½ unit.

Note: Imports of waste and scrap in June 2017 totaled 195 metric tons, tungsten content, to give a January–June total of 1,010 metric tons, tungsten content.

Source: U.S. Census Bureau.

TABLE 3
U.S. EXPORTS OF TUNGSTEN, BY COUNTRY¹

(Metric tons, tungsten content)

Period and country of destination	Ores and concentrates ²	Ammonium tungstates	Metal powder ²	Tungsten carbide powder	Other ³	Total	Total, year to date
2016	183	108	308	763	1,580	2,940	XX
2017:							
April	66	4	40	82	94	287	904
May	69	(4)	29	61	167	327	1,230
June:							
Australia	--	--	--	4	--	4	45
Austria	123	--	3	11	22	159	478
Brazil	--	--	(4)	1	(4)	1	8
Canada	--	--	14	14	10	38	223
Chile	--	--	(4)	--	--	(4)	3
China	--	--	(4)	1	(4)	1	22
Costa Rica	--	--	--	--	(4)	(4)	5
Czechia	--	--	--	1	--	1	29
Dominican Republic	--	--	--	--	(4)	(4)	5
Finland	--	--	--	--	14	14	69
France	--	--	3	(4)	(4)	3	6
Germany	--	--	14	6	1	21	113
Hong Kong	--	--	--	--	(4)	(4)	8
Hungary	--	--	--	--	1	1	5
India	--	--	1	1	(4)	2	11
Ireland	--	--	(4)	(4)	--	(4)	3
Italy	--	--	(4)	1	--	1	3
Japan	--	--	(4)	11	5	16	55
Korea, Republic of	--	1	1	1	(4)	3	13
Luxembourg	--	--	--	--	14	14	14
Malaysia	--	--	--	2	(4)	2	6
Mexico	--	--	9	(4)	17	27	102
Netherlands	--	--	--	1	86	87	167
Portugal	--	--	--	--	--	--	39
Saudi Arabia	--	--	3	--	--	3	70
Singapore	--	--	--	1	(4)	1	13
South Africa	--	--	(4)	--	(4)	(4)	15
Spain	--	--	--	--	(4)	(4)	10
Taiwan	--	--	(4)	17	(4)	17	37
Thailand	--	--	--	(4)	--	(4)	3
United Arab Emirates	--	--	--	--	(4)	(4)	8
United Kingdom	--	--	(4)	1	(4)	2	18
Vietnam	19	--	--	--	--	19	42
Other	--	(4)	1	1	3	5	29
Total	142	1	50	74	178	445	1,680
January–June	330	5	194	394	753	1,680	XX

XX Not applicable. -- Zero.

¹Data are rounded to no more than three significant digits; may not add to totals shown.

²Tungsten content estimated from reported gross weight.

³Includes unwrought tungsten, including bars and rods obtained simply by sintering, wrought tungsten, ferrotungsten, and other tungstates. Tungsten content estimated in part.

⁴Less than ½ unit.

Note: Estimated exports of waste and scrap in June 2017 totaled 31 metric tons, tungsten content, to give a January–June total of 166 metric tons, tungsten content.

Source: U.S. Census Bureau.