

# Mineral Industry Surveys

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## TUNGSTEN IN JULY 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 July 2017 was 67% 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 July 2017 was 35% more than that exported during the same period in 2016 (table 3).

**Prices**

Prices for July 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<sub>3</sub> (\$230/short ton unit WO<sub>3</sub>)  
High—\$309/metric ton unit WO<sub>3</sub> (\$280/short ton unit WO<sub>3</sub>)

Concentrates:

Low—\$220/metric ton unit WO<sub>3</sub> (\$200/short ton unit WO<sub>3</sub>)  
High—\$265/metric ton unit WO<sub>3</sub> (\$240/short ton unit WO<sub>3</sub>)

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### 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](mailto:escottsangine@usgs.gov).

TABLE 1  
U.S. SALIENT TUNGSTEN STATISTICS<sup>1</sup>

(Metric tons, tungsten content)

Period	Concentrate				Intermediate products			
	Reported consumption	Imports for consumption	Stocks, end of period		Net production <sup>p, 4</sup>	Stocks, end of period		
			Industry <sup>p, 2</sup>	U.S. Government <sup>3</sup>		Producer <sup>p, 5</sup>	U.S. Government <sup>3</sup>	
2016:								
July	W	180	W	11,600	W	506	125	
August	W	432	W	11,600	W	518	125	
September	W	303	W	11,600	W	476	125	
October	W	414	W	11,600	W	532	125	
November	W	182	W	11,600	W	437	125	
December	W	289	W	11,600	W	544	125	
January–December	W	3,580	W	11,600	W	544	125	
2017:								
January	W	404	W	11,600	W	564	125	
February	W	313	W	11,600	W	576	125	
March	W	305	W	11,300	W	422	125	
April	W	412	W	11,100	W	446	125	
May	W	307	W	10,800	W	644	125	
June	W	252	W	10,700	W	614	125	
July	W	353	W	10,600	W	W	125	
January–July	W	2,350	W	10,600	W	W	125	

<sup>p</sup>Preliminary. W Withheld to avoid disclosing company proprietary data.

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

<sup>2</sup>Reported by consumers.

<sup>3</sup>Data from the Defense Logistics Agency Strategic Materials.

<sup>4</sup>Net production of tungsten metal powder and tungsten carbide powder.

<sup>5</sup>Data for tungsten metal powder and tungsten carbide powder reported by producers; includes estimates.

TABLE 2  
U.S. IMPORTS FOR CONSUMPTION OF TUNGSTEN, BY COUNTRY OR LOCALITY<sup>1</sup>

(Metric tons, tungsten content)

Period and country or locality	Ores and concen- trates	Ammonium tungstates	Ferro- tungsten	Metal powder	Tungsten carbide powder	Other <sup>2</sup>	Total	Total, year to date
2016	3,580	1,020	236	1,040	782	1,510	8,200	XX
2017:								
May	307	386	9	157	146	177	1,180	5,490
June	252	197	--	132	190	179	950	6,440
July:								
Austria	--	--	--	--	50	3	53	250
Bolivia	92	--	--	--	--	--	92	680
Brazil	--	--	--	--	(3)	--	(3)	6
Burma	--	--	--	--	--	--	--	12
Burundi	10	--	--	--	--	--	10	73
Canada	--	--	3	16	28	--	47	321
China	--	124	6	79	59	155	423	3,170
Czechia	--	--	--	--	--	1	1	8
France	--	--	--	--	--	2	2	9
Germany	--	3	--	6	1	6	16	385
Hong Kong	--	--	--	--	--	--	--	9
Hungary	--	--	--	--	--	1	1	4
India	--	--	--	--	--	3	3	11
Israel	--	--	--	(3)	1	(3)	1	55
Japan	(3)	--	--	1	(3)	11	12	66
Korea, Republic of	--	--	--	44	3	(3)	47	205
Mexico	--	--	--	--	--	--	--	4
Mongolia	26	--	--	--	--	--	26	80
Netherlands	--	--	--	--	--	(3)	(3)	9
Poland	1	--	--	--	--	--	1	9
Portugal	36	--	--	--	--	--	36	299
Russia	57	--	--	--	--	47	105	656
Rwanda	9	--	--	--	--	--	9	20
Seychelles	--	--	--	--	--	--	--	7
Spain	52	--	--	--	--	(3)	52	283
Taiwan	--	--	--	(3)	--	1	1	4
Thailand	--	--	--	--	--	--	--	13
Uganda	9	--	--	--	--	--	9	34
United Kingdom	60	--	--	(3)	(3)	(3)	61	279
Uzbekistan	--	--	--	--	--	--	--	9
Vietnam	--	16	--	--	--	38	54	527
Other	--	--	--	--	1	1	1	7
Total	353	144	9	148	142	267	1,060	7,500
January–July	2,350	1,610	130	811	893	1,710	7,500	XX

XX Not applicable. -- Zero.

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

<sup>2</sup>Includes 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.

<sup>3</sup>Less than ½ unit.

Note: Imports of waste and scrap in July 2017 totaled 220 metric tons, tungsten content, to give a January–July total of 1,230 metric tons, tungsten content.

Source: U.S. Census Bureau.

TABLE 3  
U.S. EXPORTS OF TUNGSTEN, BY COUNTRY OR LOCALITY<sup>1</sup>

(Metric tons, tungsten content)

Period and country or locality	Ores and concentrates <sup>2</sup>	Ammonium tungstates	Metal powder <sup>2</sup>	Tungsten carbide powder	Other <sup>3</sup>	Total	Total, year to date
2016	183	108	308	763	1,580	2,940	XX
2017:							
May	69	(4)	29	61	167	327	1,230
June	142	1	50	74	178	445	1,680
July:							
Australia	--	--	(4)	4	(4)	4	49
Austria	85	--	--	5	50	140	617
Belgium	--	--	--	(4)	--	(4)	3
Brazil	--	--	(4)	1	(4)	2	9
Canada	--	--	7	16	4	27	249
Chile	--	--	--	(4)	--	(4)	4
China	--	--	--	3	(4)	4	25
Costa Rica	--	--	--	--	(4)	(4)	6
Czechia	--	--	--	--	(4)	(4)	29
Dominican Republic	--	--	--	(4)	--	(4)	5
Finland	--	--	--	--	--	--	69
France	(4)	--	--	1	1	2	7
Germany	--	--	12	12	8	31	144
Hong Kong	--	--	--	1	2	4	11
Hungary	--	--	--	--	1	1	6
India	--	--	--	1	(4)	2	12
Ireland	--	--	--	--	--	--	3
Italy	--	--	--	--	(4)	(4)	3
Japan	--	--	(4)	3	8	11	67
Korea, Republic of	--	--	1	1	(4)	2	15
Luxembourg	--	--	--	1	--	1	15
Malaysia	--	--	--	--	(4)	(4)	6
Mexico	--	--	1	(4)	14	15	117
Netherlands	--	--	--	--	39	39	206
Peru	--	--	2	(4)	--	2	5
Poland	--	--	--	--	(4)	(4)	3
Portugal	--	--	--	--	--	--	39
Saudi Arabia	--	--	16	--	--	16	86
Singapore	--	--	(4)	(4)	(4)	1	14
South Africa	--	--	1	--	(4)	1	16
Spain	--	--	--	--	(4)	(4)	10
Taiwan	--	--	--	6	(4)	7	44
Thailand	--	--	--	(4)	(4)	(4)	4
United Arab Emirates	--	--	--	--	2	2	11
United Kingdom	--	--	(4)	(4)	2	2	20
Vietnam	--	--	--	--	--	--	42
Other	--	--	(4)	1	1	2	23
Total	86	--	41	58	133	318	1,990
January–July	415	5	235	453	885	1,990	XX

XX Not applicable. -- Zero.

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

<sup>2</sup>Tungsten content estimated from reported gross weight.

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

<sup>4</sup>Less than ½ unit.

Note: Estimated exports of waste and scrap in July 2017 totaled 42 metric tons, tungsten content, to give a January–July total of 207 metric tons, tungsten content.

Source: U.S. Census Bureau.