

# Mineral Industry Surveys

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**For information, contact:**

Kim B. Shedd, Cobalt 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: ksheddd@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 2015

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

**Prices**

Prices for June 2015 were sourced from Platts Metals Week. The prices listed below 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—\$298/metric ton unit  $WO_3$  (\$270/short ton unit  $WO_3$ )  
High—\$320/metric ton unit  $WO_3$  (\$290/short ton unit  $WO_3$ )

Concentrates:

Low—\$309/metric ton unit  $WO_3$  (\$280/short ton unit  $WO_3$ )  
High—\$331/metric ton unit  $WO_3$  (\$300/short ton unit  $WO_3$ )

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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>2</sup>	U.S. Government <sup>3</sup>		Industry Producer <sup>p, 5</sup>	U.S. Government <sup>3</sup>	
2014:								
June	W	303	W	11,600	546	752	125	
July	W	396	W	11,600 <sup>e</sup>	523	753	125 <sup>e</sup>	
August	W	190	W	11,600 <sup>e</sup>	480	723	125 <sup>e</sup>	
September	W	326	W	11,600	501	681	125	
October	W	366	W	11,600 <sup>e</sup>	530	693	125 <sup>e</sup>	
November	W	314	W	11,600 <sup>e</sup>	(6)	709	125 <sup>e</sup>	
December	W	308	W	11,600	(6)	674	125	
January–December	W	4,080	W	11,600	6,310	674	125	
2015:								
January	W	376	W	11,600	W	741	125	
February	W	288	W	11,600	W	705	125	
March	W	376	W	11,600	W	633 <sup>r</sup>	125	
April	W	309	W	11,600	W	686	125	
May	W	325	W	11,600	W	638	125	
June	W	337	W	11,600	W	641	125	
January–June	W	2,010	W	11,600	W	641	125	

<sup>e</sup>Estimated. <sup>p</sup>Preliminary. <sup>r</sup>Revised. 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.

<sup>6</sup>Withheld to avoid disclosing company proprietary data; included in total.

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

(Metric tons, tungsten content)

Period and country of origin	Ores and concentrates	Ammonium tungstates	Ferrotungsten	Metal powder	Tungsten carbide powder	Other <sup>2</sup>	Total	Total, year to date
2014	4,080	1,780	454	1,300	946	2,590	11,100	XX
2015:								
April	309	79	30	152	54	122	745	3,210
May	325	73	16	85	65	101	665	3,870
June:								
Australia	--	--	--	--	--	(3)	(3)	75
Austria	--	--	--	--	18	5	23	101
Bolivia	106	--	--	--	--	--	106	541
Brazil	--	--	--	--	--	--	--	14
Canada	103	--	--	11	2	(3)	116	758
China	--	29	16	38	17	84	184	1,650
Colombia	--	--	--	--	--	--	--	13
Czech Republic	--	--	--	--	--	(3)	(3)	17
Finland	--	--	--	10	--	--	10	27
France	--	--	--	--	1	2	2	15
Germany	--	52	--	9	22	7	89	212
India	--	--	--	--	--	2	2	8
Israel	--	--	--	11	--	(3)	11	91
Italy	--	--	--	--	--	(3)	(3)	4
Japan	--	--	--	3	(3)	8	11	103
Korea, Republic of	--	--	--	7	4	--	11	128
Mongolia	--	--	--	--	--	--	--	37
Peru	20	--	--	--	--	--	20	61
Portugal	35	--	--	--	--	--	35	178
Russia	--	--	--	--	--	1	1	32
Spain	72	--	--	--	--	--	72	383
Thailand	--	--	--	--	--	--	--	22
Uganda	--	--	--	--	--	--	--	13
United Kingdom	--	--	--	(3)	--	(3)	(3)	12
Vietnam	--	--	43	10	--	--	53	112
Other	--	--	--	--	--	1	1	12
Total	337	81	58	99	64	110	749	4,620
January–June	2,010	649	157	666	348	789	4,620	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 June 2015 totaled 153 metric tons, tungsten content, to give a January–June total of 861 metric tons, tungsten content.

Source: U.S. Census Bureau.

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

(Metric tons, tungsten content)

Period and country of destination	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
2014	1,230	653	448	993	1,560	4,880	XX
2015:							
April	(4)	106	22	183	136	446	1,260
May	10	--	33	64	109	216	1,480
June:							
Australia	--	--	(4)	2	(4)	2	11
Austria	--	--	(4)	--	4	4	52
Brazil	--	1	(4)	1	(4)	2	25
Canada	--	--	4	20	41	65	450
China	--	--	(4)	2	(4)	3	128
Costa Rica	--	--	--	--	(4)	(4)	7
Czech Republic	--	--	--	2	(4)	2	10
Denmark	--	--	--	--	--	--	10
France	--	--	1	(4)	(4)	1	18
Germany	--	49	1	12	4	66	442
Hong Kong	--	--	--	1	(4)	1	17
India	--	--	(4)	5	2	7	66
Ireland	--	--	(4)	--	--	(4)	16
Israel	--	--	--	--	--	--	3
Japan	--	--	(4)	1	3	4	44
Korea, Republic of	--	--	1	1	(4)	1	12
Malaysia	--	--	--	(4)	1	1	5
Mexico	--	--	(4)	--	8	8	85
Netherlands	--	--	--	--	1	1	11
Peru	--	--	(4)	--	--	(4)	4
Russia	--	--	--	--	5	5	10
Saudi Arabia	--	--	--	(4)	(4)	(4)	27
Singapore	--	--	2	1	10	13	46
South Africa	--	--	(4)	--	--	(4)	8
Spain	--	--	--	--	--	--	7
Switzerland	--	--	--	--	1	1	7
Taiwan	(4)	--	--	15	--	15	28
Thailand	--	--	(4)	--	10	11	36
Turkey	--	--	(4)	--	(4)	(4)	5
United Kingdom	5	--	1	1	1	7	20
Vietnam	--	--	--	(4)	(4)	(4)	72
Other	(4)	--	(4)	(4)	2	3	21
Total	5	49	12	63	95	224	1,700
January–June	76	276	164	515	669	1,700	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 June 2015 totaled 60 metric tons, tungsten content, to give a January–June total of 435 metric tons, tungsten content.

Source: U.S. Census Bureau.