

Mineral Industry Surveys

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TUNGSTEN IN NOVEMBER 2014

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

Prices

Prices for November 2014 were sourced from Platts Metals Daily. 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—\$353/metric ton unit WO_3 (\$320/short ton unit WO_3)

High—\$364/metric ton unit WO_3 (\$330/short ton unit WO_3)

Concentrates:

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

High—\$353/metric ton unit WO_3 (\$320/short ton unit WO_3)

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TABLE 1
U.S. SALIENT TUNGSTEN STATISTICS¹

(Metric tons, tungsten content)

Period	Concentrate				Intermediate products		
	Reported consumption ^p	Imports for consumption	Stocks, end of period		Net production ^{p,4}	Stocks, end of period	
			Industry ^{p,2}	U.S. Government ³		Industry Producer ^{p,5}	U.S. Government ³
2013:							
November	W	176	W	12,000	(6)	801	125
December	W	286	W	11,900	(6)	769	125
January–December	W	3,690	W	11,900	6,150	769	125
2014:							
January	W	269	W	11,900	521	776	125
February	W	530	W	11,900	561	858	125
March	W	436	W	11,800	(6)	832	125
April	W	364	W	11,700	(6)	812	125
May	W	274	W	11,700	508	762	125
June	W	303	W	11,600	546	752	125
July	W	396	W	11,600 ^e	523 ^r	753 ^r	125 ^e
August	W	190	W	11,600 ^e	480 ^r	723 ^r	125 ^e
September	W	326	W	11,600	501 ^r	681 ^r	125
October	W	366	W	NA	516 ^r	679 ^r	125 ^e
November	W	314	W	NA	W	694	125 ^e
January–November	W	3,770	W	NA	5,220 ⁷	694	125 ^e

^eEstimated. ^pPreliminary. ^rRevised. NA Not available. 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, DLA Strategic Materials. Data are uncommitted material only.

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

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

⁶Withheld to avoid disclosing company proprietary data; included in total.

⁷January–October total.

TABLE 2
U.S. PRODUCTION AND STOCKS OF TUNGSTEN PRODUCTS^{p,1}

(Metric tons, tungsten content)

Product ³	Net production ²				Stocks at end of period		
	2013	2014		January–November ⁴	2013	2014	
		October	November			October	November
Metal powder	W	W	W	W	W	W	W
Tungsten carbide powder	W	W	W	W	W	W	W
Total	6,150	516 ^r	W	W	769	679 ^r	694

^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.

²Receipts plus gross production less quantity used to make other products in table.

³Data for cast and crystalline tungsten carbide powder and tungsten chemicals are withheld to avoid disclosing company proprietary data; not included in "Total."

⁴May include revisions to previously published data.

TABLE 3
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
2013	3,690	2,220	470	1,410	827	2,260	10,900	XX
2014:								
September	326	37	20	134	72	270	859	8,660
October	366	146	35	173	74	172	966	9,620
November:								
Australia	--	--	--	--	--	(3)	(3)	158
Austria	--	--	--	1	--	3	5	164
Belgium	--	--	--	--	--	--	--	13
Bolivia	79	--	--	--	--	--	79	912
Brazil	--	--	--	--	--	--	--	22
Canada	91	--	--	12	5	(3)	108	1,380
China	--	55	--	44	26	94	218	4,060
Colombia	--	--	--	--	--	--	--	27
Czech Republic	--	--	--	--	(3)	(3)	(3)	20
France	--	--	--	(3)	2	(3)	2	20
Germany	--	65	--	7	30	4	106	810
Hungary	--	--	--	--	--	(3)	(3)	3
India	--	--	--	--	--	(3)	(3)	32
Ireland	--	--	--	--	--	3	3	6
Israel	--	--	--	4	2	--	6	133
Japan	--	--	--	2	1	1	4	101
Korea, Republic of	--	--	--	31	--	1	31	269
Luxembourg	--	--	--	--	--	(3)	(3)	15
Mexico	--	--	--	--	--	(3)	(3)	11
Mongolia	27	--	--	--	--	--	27	103
Peru	--	--	--	--	--	--	--	41
Portugal	59	--	--	--	--	--	59	503
Russia	--	--	--	--	--	1	1	141
Singapore	--	--	--	--	--	(3)	(3)	9
South Africa	--	--	--	--	--	--	--	8
Spain	41	--	--	--	--	--	41	690
Taiwan	--	--	--	--	--	(3)	(3)	18
Thailand	--	--	--	--	--	(3)	(3)	75
Uganda	16	--	--	--	--	--	16	16
United Kingdom	--	--	--	--	--	(3)	(3)	10
Vietnam	--	--	--	--	--	--	--	564
Other	--	--	--	3	--	(3)	3	12
Total	314	120	--	104	65	109	712	10,300
January–November	3,770	1,640	399	1,230	877	2,420	10,300	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 November 2014 totaled 129 metric tons, tungsten content, to give a January–November total of 1,420 metric tons, tungsten content.

Source: U.S. Census Bureau.

TABLE 4
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
2013	1,060	1,600	455	901	1,460	5,470	XX
2014:							
September	162	88	34	90	122	496	3,910
October	72	56	40	70	153	392	4,310
November:							
Australia	--	--	--	1	(4)	1	33
Austria	--	--	--	23	9	33	221
Brazil	--	--	(4)	1	(4)	2	92
Canada	--	--	8	11	27	46	652
Chile	--	--	--	(4)	--	(4)	7
China	--	--	1	1	1	3	182
Costa Rica	--	--	--	--	1	1	12
Czech Republic	--	--	--	4	--	4	89
Denmark	--	--	--	1	--	1	4
France	--	--	(4)	(4)	--	(4)	13
Germany	(4)	56	1	14	6	77	764
Hong Kong	--	--	--	(4)	--	(4)	39
Hungary	--	--	--	--	(4)	(4)	71
India	--	6	2	4	1	12	225
Indonesia	--	--	--	--	--	--	4
Ireland	--	--	1	--	--	1	8
Israel	--	--	1	(4)	--	1	27
Italy	--	--	--	1	(4)	2	19
Japan	--	--	7	2	3	11	98
Korea, Republic of	--	--	1	2	--	2	26
Luxembourg	--	--	--	--	--	--	89
Malaysia	--	--	--	--	(4)	(4)	6
Mexico	--	--	1	(4)	7	8	109
Netherlands	--	--	(4)	--	(4)	(4)	163
Panama	--	--	--	--	(4)	(4)	127
Peru	(4)	--	(4)	(4)	--	1	12
Philippines	--	--	--	--	--	--	3
Russia	--	--	--	--	--	--	568
Saudi Arabia	--	--	--	(4)	(4)	(4)	78
Singapore	--	--	1	(4)	12	14	160
South Africa	--	--	1	--	(4)	1	19
Spain	--	--	--	--	5	5	6
Sweden	--	--	--	--	(4)	(4)	10
Switzerland	--	--	--	--	--	--	11
Taiwan	--	--	(4)	8	2	10	61
Thailand	--	--	--	(4)	(4)	(4)	11
Turkey	--	--	--	--	--	--	13
United Arab Emirates	--	--	--	(4)	(4)	(4)	12
United Kingdom	--	--	(4)	1	1	1	97
Vietnam	(4)	--	--	--	--	(4)	384
Other	--	--	(4)	(4)	(4)	1	19
Total	(4)	62	27	75	75	239	4,550
January–November	1,170	564	411	937	1,460	4,550	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 November 2014 totaled 53 metric tons tungsten content, to give a January–November total of 1,710 metric tons, tungsten content.

Source: U.S. Census Bureau.