

TABLE 2. COPPER MINE, SMELTER, REFINERY PRODUCTION AND REFINED COPPER USAGE BY GEOGRAPHICAL AREA

Thousand metric tonnes, copper

	2012	2013	2014	2015	2016	2016	2017	2017			
						p/	Jan-Dec	Sep	Oct	Nov	Dec
AFRICA											
Mine	1,452.8	1,848.2	1,905.2	1,886.1	1,897.7	1,897.7	1,950.1	166.4	172.6	165.1	170.9
Smelter	624.1	653.7	666.4	797.5	839.0	839.0	920.8	65.4	85.9	83.2	86.1
Refinery	1,047.7	1,273.8	1,365.7	1,378.7	1,257.2	1,257.2	1,273.6	102.5	117.7	113.9	117.7
Refined Usage	251.1	247.0	247.9	258.5	214.4	214.4	207.5	16.8	17.6	16.9	17.2
AMERICA											
Mine	9,344.1	9,942.2	10,168.4	10,633.9	11,285.9	11,285.9	11,045.0	938.8	981.5	965.0	1,014.6
Smelter	2,879.0	2,970.2	3,020.0	3,132.2	3,195.4	3,195.4	2,931.0	261.7	245.8	216.5	246.0
Refinery	5,077.2	5,121.8	5,163.8	5,216.8	5,214.3	5,214.3	4,820.8	404.8	407.8	393.4	416.9
Refined Usage	2,838.5	2,928.6	2,838.0	2,814.3	2,799.6	2,799.6	2,745.0	233.4	232.4	224.6	212.5
ASIA (post 1992)											
Mine	3,230.3	3,602.2	3,607.8	3,898.6	4,401.9	4,401.9	4,236.2	350.4	385.2	393.2	413.6
Smelter	8,747.3	9,417.7	10,545.1	10,859.1	11,271.4	11,271.4	11,665.0	951.4	973.3	920.8	983.4
Refinery	9,788.7	10,505.1	11,657.9	12,008.1	12,702.5	12,702.5	13,165.6	1,091.0	1,125.4	1,137.7	1,236.0
Refined Usage	13,076.7	13,990.8	15,495.0	15,895.4	16,436.3	16,436.3	16,591.4	1,491.6	1,365.9	1,455.7	1,572.4
EUROPE (post 1992)											
Mine	1,617.1	1,688.4	1,700.3	1,723.7	1,751.0	1,751.0	1,784.3	148.9	150.5	148.0	146.4
Smelter	3,282.5	3,137.8	3,353.3	3,326.9	3,221.2	3,221.2	3,296.3	276.8	271.2	276.4	284.3
Refinery	3,820.0	3,676.6	3,794.3	3,793.4	3,714.1	3,714.1	3,852.9	320.0	320.1	321.2	327.8
Refined Usage	4,194.6	4,144.3	4,281.1	4,061.8	4,052.7	4,052.7	4,116.3	322.7	351.9	336.1	308.7
OCEANIA											
Mine	1,046.2	1,103.6	1,046.2	1,011.3	1,028.3	1,028.3	967.1	80.1	75.7	73.2	75.7
Smelter	422.4	446.0	468.5	432.8	445.2	445.2	366.9	28.8	26.0	25.0	28.0
Refinery	460.4	481.1	509.3	473.8	475.0	475.0	394.7	31.2	28.2	27.0	30.2
Refined Usage	112.1	85.2	23.2	10.0	10.0	10.0	10.0	0.8	0.8	0.9	0.8
WORLD TOTALS											
Mine	16,690.6	18,184.7	18,427.9	19,153.6	20,364.9	20,364.9	19,982.7	1,684.6	1,765.5	1,744.5	1,821.2
Smelter	15,955.3	16,625.5	18,053.3	18,548.6	18,972.2	18,972.2	19,179.9	1,584.1	1,602.2	1,521.8	1,627.9
Refinery	20,194.0	21,058.4	22,491.0	22,870.8	23,363.0	23,363.0	23,507.6	1,949.5	1,999.2	1,993.2	2,128.5
Refined Usage	20,473.0	21,395.8	22,885.3	23,040.0	23,512.9	23,512.9	23,670.3	2,065.3	1,968.6	2,034.2	2,111.6
WESTERN COUNTRIES											
Mine	13,243.7	14,458.3	14,559.8	15,223.6	16,181.8	16,181.8	15,890.8	1,346.9	1,410.5	1,378.1	1,441.7
Smelter	8,921.4	8,844.3	9,288.3	9,405.3	9,593.3	9,593.3	9,388.9	777.4	780.4	715.1	795.1
Refinery	12,153.5	12,248.3	12,732.7	12,780.9	12,815.3	12,815.3	12,469.2	1,029.5	1,062.8	1,020.3	1,075.5
Refined Usage	10,466.7	10,641.4	10,814.2	10,893.4	11,030.5	11,030.5	11,053.0	903.6	973.2	927.9	882.8
EUROPEAN UNION (EU-15)											
Mine	279.8	305.1	303.4	325.3	370.7	370.7	402.6	32.2	35.2	34.0	35.2
Smelter	1,381.5	1,252.1	1,405.4	1,383.5	1,350.3	1,350.3	1,364.9	116.0	117.1	115.6	119.0
Refinery	1,953.5	1,834.1	1,924.2	1,924.7	1,920.5	1,920.5	1,976.9	163.1	168.8	161.6	166.9
Refined Usage	2,747.8	2,702.4	2,840.5	2,883.2	2,890.8	2,890.8	2,859.6	215.7	256.9	230.0	209.5
EUROPEAN UNION (EU-28)											
Mine	825.7	855.4	846.0	871.9	916.2	916.2	944.9	78.3	79.7	77.3	77.7
Smelter	2,327.3	2,195.5	2,390.2	2,352.6	2,232.0	2,232.0	2,272.3	192.4	184.5	189.9	197.5
Refinery	2,750.4	2,632.4	2,738.1	2,731.3	2,673.9	2,673.9	2,730.1	227.1	222.9	224.0	230.9
Refined Usage	3,063.4	2,991.2	3,166.5	3,214.6	3,225.4	3,225.4	3,198.2	244.9	274.8	258.4	236.7

p/ Preliminary data.

AFRICA includes Algeria, Botswana, Congo, Egypt, Morocco, Mozambique, Namibia, South Africa, Tunisia, Zaire, Zambia and Zimbabwe.

AMERICA includes Argentina, Bolivia, Brazil, Canada, Chile, Colombia, Cuba, Ecuador, Mexico, Peru, United States and Venezuela.

ASIA includes China, Cyprus, Hong Kong (China), India, Indonesia, Iran, Israel, Japan, Malaysia, Mongolia, Myanmar, North Korea, Oman, Pakistan

Philippines, Republic of Korea, Saudi Arabia, Singapore, Taiwan (China), Thailand, and Vietnam and former U.S.S.R. countries:

Armenia, Azerbaijan, Georgia, Kazakhstan, Krygyzstan, Tajikistan and Uzbekistan (according to U.N. classification).

EUROPE (post 1992) includes Albania, Austria, Belgium-Luxembourg, Bulgaria, Croatia, Czech Rep., Denmark, Finland, France, Germany, Greece, Hungary,

Ireland, Italy, Macedonia, Netherlands, Norway, Poland, Portugal, Romania, Spain, Slovakia, Sweden, Switzerland, Turkey, United Kingdom, Serbia

and former U.S.S.R. countries: Belarus, Estonia, Latvia, Lithuania, Moldova, Russian Federation and Ukraine (according to U.N. classification).

EUROPEAN UNION (EU-15) Includes Austria, Belgium, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Luxembourg, the Netherlands, Portugal,

Spain, Sweden and United Kingdom

EUROPEAN UNION (EU-28) data includes EU-15 countries plus Bulgaria, Croatia, Cyprus, Czech Republic, Estonia, Hungary, Latvia, Lithuania,

Malta, Poland, Romania, Slovakia and Slovenia

OCEANIA includes Australia, New Zealand and Papua New Guinea.

NB: WESTERN COUNTRIES will be published as long as requested by clients