

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

Thousand metric tonnes, copper

	2016	2017	2018	2019	2020	2020	2021	2021			
						p/	Jan-Sep	Jun	Jul	Aug	Sep
AFRICA											
Mine	1,941.5	2,005.9	2,238.4	2,289.9	2,473.3	1,825.4	1,935.9	210.9	228.0	229.2	222.3
Smelter	831.0	912.8	937.6	755.9	976.1	719.6	771.7	87.3	86.4	86.7	85.1
Refinery	1,282.2	1,318.1	1,453.3	1,361.7	1,591.9	1,172.3	1,248.1	139.8	143.1	143.1	137.6
Refined Usage	201.4	194.6	190.0	178.2	167.2	120.2	145.6	16.7	18.0	18.3	17.5
AMERICA											
Mine	11,287.2	11,028.0	11,236.0	11,405.4	11,056.5	8,111.0	8,308.7	930.1	925.5	940.4	927.3
Smelter	3,083.4	2,831.9	2,891.2	2,562.5	2,592.0	1,914.0	1,945.9	204.3	229.7	234.6	198.7
Refinery	5,198.0	4,773.8	4,790.4	4,508.6	4,412.2	3,274.6	3,292.5	360.3	369.9	383.5	365.1
Refined Usage	2,804.1	2,770.9	2,803.6	2,818.6	2,611.0	1,918.8	2,074.9	235.0	225.3	233.9	234.8
ASIA (post 1992)											
Mine	4,389.2	4,258.9	4,285.7	4,062.1	4,214.5	3,088.5	3,278.2	361.6	366.7	367.8	372.3
Smelter	11,596.0	12,045.1	12,549.6	12,900.6	13,555.9	10,164.1	10,505.2	1,146.1	1,196.2	1,201.2	1,158.9
Refinery	12,702.5	13,184.1	13,496.6	13,880.3	14,157.2	10,495.4	10,772.3	1,166.2	1,187.9	1,215.5	1,217.3
Refined Usage	16,348.8	16,594.5	17,321.5	17,500.2	18,648.1	13,743.4	13,517.2	1,531.5	1,528.4	1,466.2	1,546.3
EUROPE (post 1992)											
Mine	1,749.1	1,820.6	1,812.1	1,780.9	1,922.1	1,414.7	1,391.9	162.6	164.8	163.4	159.1
Smelter	3,200.8	3,385.3	3,416.2	3,378.2	3,511.8	2,640.7	2,567.9	290.3	299.8	296.6	288.8
Refinery	3,698.5	3,888.7	3,945.7	3,839.5	3,921.4	2,934.6	2,884.1	323.9	327.5	326.3	318.5
Refined Usage	4,127.0	4,127.8	4,159.9	3,903.0	3,557.2	2,648.9	2,929.4	345.2	334.5	316.3	321.8
OCEANIA											
Mine	1,028.3	954.1	1,006.9	1,033.2	967.4	729.5	726.6	83.6	82.7	83.2	82.9
Smelter	445.2	359.8	361.0	401.3	402.4	300.0	293.4	34.2	34.8	20.1	20.0
Refinery	475.0	386.2	377.0	425.7	427.3	318.7	312.4	36.3	38.2	22.3	25.1
Refined Usage	5.0	5.0	5.0	5.0	5.0	3.8	3.7	0.4	0.4	0.4	0.4
WORLD TOTALS											
Mine	20,395.3	20,067.5	20,579.1	20,571.5	20,633.8	15,169.1	15,641.3	1,748.8	1,767.7	1,784.1	1,763.8
Smelter	19,156.4	19,535.0	20,155.6	19,998.5	21,038.2	15,738.4	16,084.1	1,762.2	1,847.0	1,839.2	1,751.6
Refinery	23,356.2	23,551.0	24,063.0	24,015.8	24,510.0	18,195.6	18,509.4	2,026.5	2,066.6	2,090.8	2,063.6
Refined Usage	23,486.2	23,692.7	24,480.0	24,405.0	24,988.5	18,435.0	18,670.9	2,128.8	2,106.6	2,035.0	2,120.8
EUROPEAN UNION (EU-28)											
Mine	917.3	963.1	907.8	862.1	871.8	660.0	611.4	68.9	69.0	68.1	67.4
Smelter	2,220.7	2,311.7	2,239.6	2,174.5	2,331.8	1,752.2	1,764.1	199.8	201.1	193.8	189.3
Refinery	2,667.3	2,732.3	2,691.0	2,579.1	2,665.5	1,990.4	2,018.8	224.8	221.7	223.5	219.0
Refined Usage	3,242.9	3,203.0	3,275.0	3,049.8	2,750.8	2,025.4	2,303.0	277.1	268.1	236.4	242.1

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-28) data includes Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece,

Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden and United Kingdom

OCEANIA includes Australia, New Zealand and Papua New Guinea.