

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

Thousand metric tonnes, copper

	2014	2015	2016	2017	2018	2018	2019	2019			
						p/	Jan-Nov	Aug	Sep	Oct	Nov
AFRICA											
Mine	1,909.6	1,895.0	1,941.5	1,996.9	2,222.6	2,026.4	1,979.5	185.3	177.9	183.9	180.3
Smelter	658.4	789.5	831.0	912.8	957.6	872.0	765.9	61.0	56.3	63.4	65.6
Refinery	1,365.7	1,373.7	1,282.2	1,309.2	1,435.9	1,311.9	1,178.7	106.2	103.0	104.7	101.5
Refined Usage	235.9	246.0	201.4	194.6	190.0	173.7	159.9	14.6	14.3	15.2	15.1
AMERICA											
Mine	10,168.4	10,628.2	11,287.2	11,028.0	11,236.0	10,196.3	10,368.1	1,005.2	968.4	968.1	980.7
Smelter	3,026.2	3,018.0	3,069.3	2,800.9	2,878.3	2,658.7	2,329.5	237.0	228.6	247.1	231.9
Refinery	5,163.8	5,188.8	5,198.4	4,774.0	4,790.7	4,376.9	4,154.3	407.0	394.1	406.4	401.5
Refined Usage	2,842.5	2,818.8	2,804.1	2,770.9	2,803.3	2,582.1	2,596.6	236.7	227.2	245.7	235.5
ASIA (post 1992)											
Mine	3,606.1	3,897.7	4,395.1	4,268.8	4,293.2	3,934.0	3,681.1	348.2	349.6	341.1	343.6
Smelter	10,545.1	10,859.1	11,606.6	12,054.2	12,545.3	11,469.8	11,816.7	1,114.4	1,058.2	1,113.3	1,021.4
Refinery	11,657.9	12,008.1	12,702.5	13,190.1	13,510.1	12,317.4	12,607.3	1,149.3	1,158.4	1,188.8	1,157.1
Refined Usage	15,506.0	15,906.4	16,348.8	16,594.5	17,321.5	15,781.3	15,982.6	1,466.0	1,536.3	1,501.8	1,424.8
EUROPE (post 1992)											
Mine	1,698.6	1,728.1	1,749.9	1,823.5	1,815.5	1,671.5	1,656.7	151.8	146.8	159.9	150.3
Smelter	3,345.8	3,290.2	3,200.8	3,362.0	3,321.1	3,038.7	3,032.5	268.6	253.1	283.2	265.0
Refinery	3,793.5	3,793.1	3,698.5	3,878.9	3,953.5	3,623.2	3,552.2	323.1	307.2	333.3	321.0
Refined Usage	4,299.8	4,080.4	4,128.1	4,139.7	4,163.7	3,859.7	3,534.0	274.2	292.6	324.3	311.5
OCEANIA											
Mine	1,046.2	1,011.3	1,028.3	964.8	1,009.3	916.5	956.9	84.4	81.6	86.1	87.8
Smelter	468.5	432.8	445.2	359.8	377.9	341.8	367.4	30.0	23.4	35.0	34.0
Refinery	509.3	473.8	475.0	386.2	407.6	368.9	405.7	34.2	29.2	40.2	40.0
Refined Usage	23.2	10.0	10.0	10.0	10.0	9.1	9.2	0.8	0.8	0.8	0.8
WORLD TOTALS											
Mine	18,428.9	19,160.3	20,402.0	20,082.0	20,576.6	18,744.6	18,642.2	1,774.9	1,724.4	1,739.1	1,742.7
Smelter	18,044.0	18,389.7	19,153.0	19,489.6	20,080.2	18,381.1	18,312.0	1,711.1	1,619.5	1,742.0	1,617.9
Refinery	22,490.3	22,837.5	23,356.6	23,538.5	24,097.8	21,998.3	21,898.1	2,019.8	1,991.9	2,073.3	2,021.1
Refined Usage	22,907.5	23,061.6	23,492.3	23,709.6	24,488.5	22,406.0	22,282.3	1,992.3	2,071.2	2,087.9	1,987.6
WESTERN COUNTRIES											
Mine	14,562.5	15,225.8	16,216.0	15,917.7	16,453.2	14,975.0	14,808.5	1,417.8	1,365.7	1,379.9	1,391.3
Smelter	9,286.5	9,283.1	9,453.3	9,209.0	9,176.7	8,434.6	7,813.3	714.8	677.3	746.6	655.7
Refinery	12,732.7	12,747.9	12,808.5	12,436.1	12,553.0	11,478.6	10,894.8	1,022.0	975.2	1,027.1	996.2
Refined Usage	10,810.7	10,889.4	10,927.5	11,004.5	11,067.0	10,185.2	9,848.2	842.3	855.3	895.1	873.8
EUROPEAN UNION (EU-15)											
Mine	303.4	325.3	370.7	420.3	388.6	356.4	316.4	28.4	27.4	32.6	31.5
Smelter	1,405.4	1,383.5	1,350.3	1,364.9	1,328.4	1,217.9	1,149.7	92.9	82.9	107.4	94.9
Refinery	1,924.2	1,924.7	1,913.5	1,969.8	1,972.1	1,813.5	1,691.9	152.7	140.3	163.5	153.5
Refined Usage	2,840.5	2,883.2	2,890.8	2,849.6	2,897.2	2,692.2	2,415.4	176.5	200.1	225.4	218.0
EUROPEAN UNION (EU-28)											
Mine	844.3	874.5	918.1	966.0	911.2	842.4	799.9	73.9	71.7	79.2	72.3
Smelter	2,382.6	2,315.8	2,220.7	2,311.7	2,238.6	2,051.1	2,019.5	174.6	162.1	189.1	174.0
Refinery	2,737.4	2,731.0	2,667.3	2,722.5	2,698.8	2,475.9	2,399.6	216.7	202.6	227.3	217.1
Refined Usage	3,185.2	3,233.2	3,244.0	3,214.9	3,278.7	3,044.8	2,770.0	212.5	228.5	258.8	245.0

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