

# WORLD PRIMARY ALUMINUM PRODUCTION

(Thousands of Metric Tons)

Period	Africa	Asia (Ex China)	GCC	North America	South America	West Europe	East Central Europe	Oceania
Fourth Quarter 2012	439	634	929	1,247	505	881	1,071	529
Third Quarter 2012	411	630	910	1,205	512	898	1,078	535
Second Quarter 2012	384	632	911	1,202	513	903	1,082	555
First Quarter 2012	405	639	912	1,197	522	923	1,092	567
<b>TOTAL</b>	<b>1639</b>	<b>2535</b>	<b>3662</b>	<b>4,851</b>	<b>2052</b>	<b>3,605</b>	<b>4,323</b>	<b>2,186</b>
Fourth Quarter 2013	462	602	972	1,188	462	916	940	533
Third Quarter 2013	463	596	994	1,235	474	920	990	531
Second Quarter 2013	449	612	981	1,257	479	902	1,025	522
First Quarter 2013	438	629	940	1,238	491	878	1,040	518
<b>TOTAL</b>	<b>1,812</b>	<b>2439</b>	<b>3887</b>	<b>4,918</b>	<b>1906</b>	<b>3,616</b>	<b>3,995</b>	<b>2,104</b>
Fourth Quarter 2014	425	659	1,268	1,135	359	922	956	497
Third Quarter 2014	434	595	1,266	1,144	344	910	948	501
Second Quarter 2014	442	591	1,224	1,145	392	891	936	525
First Quarter 2014	445	584	1,074	1,161	448	873	924	512
<b>TOTAL</b>	<b>1,746</b>	<b>2429</b>	<b>4,832</b>	<b>4,585</b>	<b>1,543</b>	<b>3,596</b>	<b>3,764</b>	<b>2,035</b>
Fourth Quarter 2015	424	802	1,288	1,117	328	951	983	499
Third Quarter 2015	427	764	1,282	1,118	319	941	959	500
Second Quarter 2015	422	740	1,273	1,117	332	935	949	493
First Quarter 2015	414	695	1,261	1,117	346	918	938	486
<b>TOTAL</b>	<b>1,687</b>	<b>3001</b>	<b>5,104</b>	<b>4,469</b>	<b>1,325</b>	<b>3,745</b>	<b>3,829</b>	<b>1,978</b>
Third Quarter 2016	430	893	1,311*	995	341	942	994	501*
Second Quarter 2016	416	827	1,285	990	336	941	991	494
First Quarter 2016	415	809	1,276	1,041	335	941	993	492
<b>TOTAL</b>	<b>1,261</b>	<b>2529</b>	<b>3,872</b>	<b>3,026</b>	<b>1,012</b>	<b>2,824</b>	<b>2,978</b>	<b>1,487</b>
Third Quarter 2017	423	1,003*	1,272	994	348	950	1,007	473
Second Quarter 2017	420	949	1,273	985	350	943	992	435
First Quarter 2017	415	940	1,307	978	340	930	983	430
<b>TOTAL</b>	<b>1,258</b>	<b>1,889</b>	<b>3,852</b>	<b>2,957</b>	<b>1,038</b>	<b>2,823</b>	<b>2,982</b>	<b>1,138</b>

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