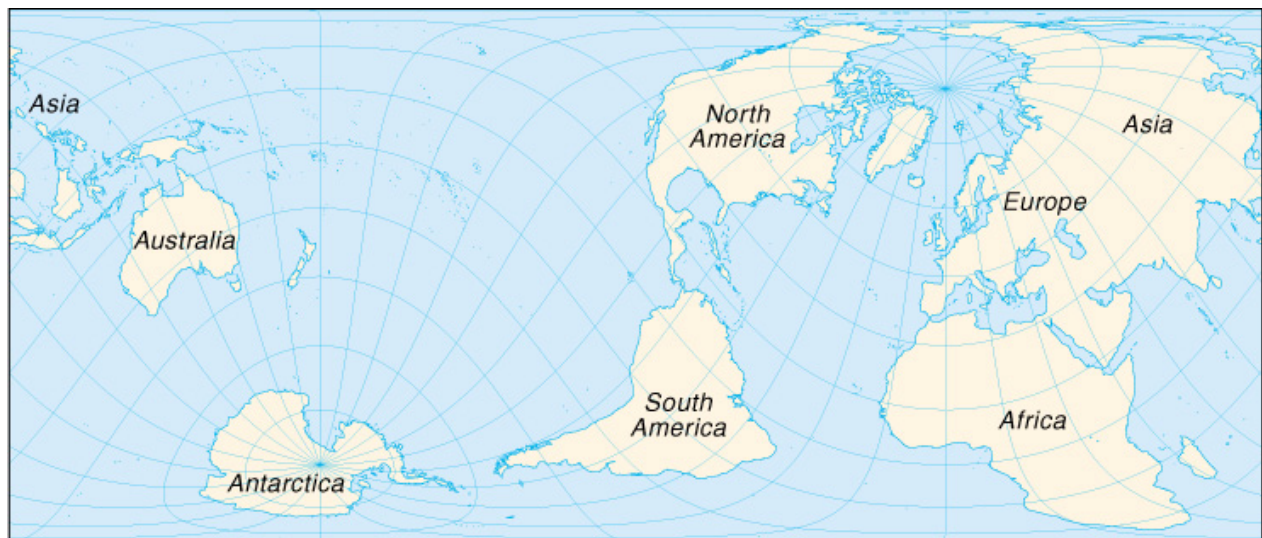


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# The 2016 World Forecasts of Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide Export Supplies



By  
**Professor Philip M. Parker, Ph. D.**  
Chaired Professor of Management Science  
INSEAD (Singapore and Fontainebleau, France)

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## About the Author

Dr. Philip M. Parker is the Chaired Professor of Management Science at INSEAD where he has taught courses on multivariate statistics and global competitive strategy since 1988. He has also taught courses at MIT, Stanford University, Harvard University, UCLA, UCSD, and the Hong Kong University of Science and Technology. He is the author of six books on the economic convergence of nations. These books introduce the notion of “physioeconomics” which foresees a lack of global convergence in economic behaviors due to physiological and physiographic forces. His latest book is *"Physioeconomics: The Basis for Long-Run Economic Growth"* (MIT Press 2000). He has also published numerous articles in academic journals, including *The Rand Journal of Economics*, *Marketing Science*, the *Journal of International Business Studies*, *Technological Forecasting and Social Change*, *International Journal of Forecasting*, the *European Management Journal*, the *European Journal of Operational Research*, *Journal of Marketing*, *International Journal of Research in Marketing*, and *Journal of Marketing Research*. He is also on the editorial boards of several academic journals.

Dr. Parker received his Ph.D. in Business Economics from the Wharton School of the University of Pennsylvania and has Masters degrees in Finance and Banking (University of Aix-Marseille) and Managerial Economics (Wharton). His undergraduate degrees are in mathematics, biology and economics (minor in aeronautical engineering). He has consulted and/or taught courses in Africa, the Middle East, Asia, Latin America, North America and Europe.

## About this Series

This series was created for international firms who rely on foreign export markets for a substantial portion of their business or who might be threatened by foreign trade competition. The estimates given in this report were created using a methodology developed by and under the direct supervision of Professor Philip M. Parker, the Chaired Professor of Management Science, at INSEAD. The methodology, relying on historical figures of economic growth and trade flows, estimates the market shares of some 150 countries for over 500 industrial or product categories. The figures should be seen as market estimates, as opposed to historical records, as these are projected for the current year of trade.

## Acknowledgements

Some of the methodologies and research approaches used in this report have benefited from the R&D Committee at INSEAD, whose research support is gratefully acknowledged. Additional editorial assistance from Tiffany LaRochelle, ICON Group International, Inc., is also acknowledged.

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# 1 METHODOLOGY & EXECUTIVE SUMMARY

## 1.1 OUR APPROACH

This report was created for strategic planners, international marketing executives and export managers whose primary concern is the world market for fused magnesia, dead-burned (sintered) magnesia, and magnesium oxide. With the globalization of this market, managers can no longer be contented with a local view. Nor can managers be contented with out-of-date statistics that appear several years after the fact. I have developed a methodology, based on macroeconomic and trade models, to estimate the market for fused magnesia, dead-burned (sintered) magnesia, and magnesium oxide for those firms serving the world via exports and foreign direct investment. It does so for the current year based on a variety of key historical indicators and econometric models.

In what follows, this report begins by summarizing the world market for fused magnesia, dead-burned (sintered) magnesia, and magnesium oxide exports. The total level of exports on a worldwide basis is based on a model that aggregates across over 150 key country markets and projects these to the current year. From there, each country represents a percent of the world market. This market is served from a number of competitive countries of origin. Based on supply-side dynamics, market shares by country of origin are then calculated across each country market. These shares lead to a volume of export values for each country and are aggregated to regional and world totals. In doing so, we are able to obtain maximum likelihood estimates of both the value of each supplier and the destinations (countries served by the supplier country). From these figures, world rankings are calculated. In this way, all the figures provided in this report are forecasts that can be combined with internal information for strategic planning purposes. Of the 150 countries considered, if a country is not reported here it is therefore estimated to have only a negligible level of trade in fused magnesia, dead-burned (sintered) magnesia, and magnesium oxide (i.e. their market shares are close or equal to zero percent). "Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide" as a category is defined in this report following the definition given by the United Nations Statistics Division Classification Registry using the Standard International Trade Classification, Revision 3 (SITC, Rev. 3). The SITC code that defined "fused magnesia, dead-burned (sintered) magnesia, and magnesium oxide" is 27825 . For more information on this definition, please refer to the following web site:

<http://unstats.un.org/unsd/cr/registry/regcs.asp?Cl=14&Lg=1&Co=278> .

To ensure that you have the most current version of this report, please visit the ICON Group website at **[www.icongrouponline.com](http://www.icongrouponline.com)**.

**Important Caveat.** The figures should be seen as market estimates, as opposed to historical records, as these are forecasted for the current year of trade. More importantly, in light of the fact that unforeseeable factors might interrupt markets in achieving their reported levels, the figures

should be seen as estimates of potential. For example, "mad cow" disease, foot-and-mouth disease, trade embargoes, military conflicts, acts of terrorism and other events will certainly affect the actual trade flows recorded for a variety of industry or product categories. In such cases, the difference between the numbers given in this report and the numbers actually observed might be interpreted as the "net loss" or "net gain" due to these exogenous events affecting regular trade flows that would have occurred had these events not have taken place.

**Related Reports.** This report was created for the world market for fused magnesia, dead-burned (sintered) magnesia, and magnesium oxide. Closely related reports published by ICON Group include the following:

- The 2016 World Forecasts of Animal or Vegetable Fertilizers Export Supplies
- The 2016 World Forecasts of Asbestos Export Supplies
- The 2016 World Forecasts of Bentonite Export Supplies
- The 2016 World Forecasts of Bituminous Shale and Tar Sands Export Supplies
- The 2016 World Forecasts of Carnallite, Sylvite, and Other Crude Natural Potassium Salts Export Supplies
- The 2016 World Forecasts of Common Salt, Rock Salt, Sea Salt, Sea Water, and Pure Sodium Chloride Export Supplies
- The 2016 World Forecasts of Crude Natural Calcium Carbonate (Chalk) Export Supplies
- The 2016 World Forecasts of Dolomite and Agglomerated Dolomite Export Supplies
- The 2016 World Forecasts of Dust and Powder of Natural or Synthetic Precious or Semiprecious Stones Export Supplies
- The 2016 World Forecasts of Felspar, Leucite Nepheline, and Nepheline Syenite Export Supplies
- The 2016 World Forecasts of Fluorspar Export Supplies
- The 2016 World Forecasts of Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide Export Supplies
- The 2016 World Forecasts of Granulated Slag from the Manufacture of Iron and Steel Export Supplies
- The 2016 World Forecasts of Gravel and Crushed Stone Export Supplies
- The 2016 World Forecasts of Ground Natural Calcium Phosphates, Aluminum Calcium Phosphates, and Phosphatic Chalk Export Supplies
- The 2016 World Forecasts of Gypsum and Anhydrite Export Supplies
- The 2016 World Forecasts of Gypsum, Plasters, Limestone Flux, and Calcareous Stone Commonly Used for the Manufacture of Lime and Cement Export Supplies
- The 2016 World Forecasts of Kaolin and Other Kaolinic Clays Export Supplies
- The 2016 World Forecasts of Limestone Flux and Calcareous Stone Commonly Used for the Manufacture of Lime or Cement Export Supplies
- The 2016 World Forecasts of Marble, Travertine, and Specified Calcareous Monumental or Building Stone and Alabaster Export Supplies
- The 2016 World Forecasts of Mica and Mica Splittings and Waste Export Supplies



- The 2016 World Forecasts of Natural Barium Sulfate (Barytes) and Natural Barium Carbonate (Witherite) Excluding Purified Barium Oxide Export Supplies
- The 2016 World Forecasts of Natural Bitumen and Asphalt, Asphaltites, and Asphaltic Rocks Export Supplies
- The 2016 World Forecasts of Natural Boric Acid Containing Up to 85% H<sub>3</sub>B<sub>3</sub>O<sub>3</sub> (Dry Weight) and Natural Borates and Concentrates Excluding Natural Brine Borates Export Supplies
- The 2016 World Forecasts of Natural Calcium Phosphates, Aluminum Calcium Phosphates, and Phosphatic Chalk Export Supplies
- The 2016 World Forecasts of Natural Calcium Phosphates, Aluminum Calcium Phosphates, and Phosphatic Chalk Export Supplies
- The 2016 World Forecasts of Natural Graphite Export Supplies
- The 2016 World Forecasts of Natural Magnesium Carbonate (Magnesite) Export Supplies
- The 2016 World Forecasts of Natural Sands Export Supplies
- The 2016 World Forecasts of Natural Sands Excluding Silica and Quartz Sands Export Supplies
- The 2016 World Forecasts of Plasters Made from Calcined Gypsum or Calcined Sulfate Export Supplies
- The 2016 World Forecasts of Pumice Stone, Emery, and Natural Corundum, Natural Garnet, Crushed Pumice, or Other Natural Abrasives in Crude or Irregular Pieces Export Supplies
- The 2016 World Forecasts of Pumice Stone, Emery, and Worked Natural Corundum, Natural Garnet, Crushed Pumice, or Other Natural Abrasives Export Supplies
- The 2016 World Forecasts of Quartz and Quartzite Excluding Natural Sands Export Supplies
- The 2016 World Forecasts of Quartz, Mica, Felspar, Fluorspar, Cryolithe, and Chiolithe Export Supplies
- The 2016 World Forecasts of Roughly Trimmed or Merely Cut Building and Monumental Stone Export Supplies
- The 2016 World Forecasts of Silica Sands and Quartz Sands Export Supplies
- The 2016 World Forecasts of Siliceous Fossil Meals (Kieselguhr, Tripolite and Diatomite) and Similar Siliceous Earths of a Specific Gravity of Not over 1 Export Supplies
- The 2016 World Forecasts of Slate Export Supplies
- The 2016 World Forecasts of Sorted Industrial Diamonds Export Supplies
- The 2016 World Forecasts of Sulfur Excluding Sublimed, Precipitated, and Colloidal Sulfur Export Supplies
- The 2016 World Forecasts of Talc and Natural Steatite Export Supplies
- The 2016 World Forecasts of Unexpanded Vermiculite, Perlite, and Chlorites Export Supplies
- The 2016 World Forecasts of Unroasted Iron Pyrites Export Supplies
- The 2016 World Forecasts of Unworked Industrial Diamonds Export Supplies

## 1.2 THE WORLD MARKET: FUSED MAGNESIA, DEAD-BURNED (SINTERED) MAGNESIA, AND MAGNESIUM OXIDE EXPORT SUPPLIES IN 2016

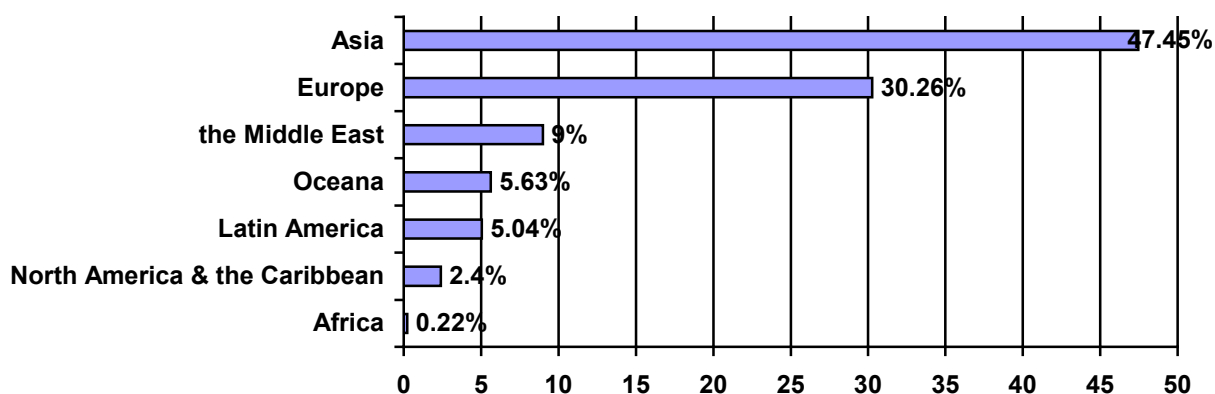
The following tables and graphs summarize the world exporters, by region of origin, of fused magnesia, dead-burned (sintered) magnesia, and magnesium oxide for the year 2016.

### World Supplies of Exported Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide: 2016

Region of Origin	Rank	Value (000 US\$)	% of World	Cumulative %
Asia	1	1,269,917	47.45	47.45
Europe	2	809,970	30.26	77.71
the Middle East	3	240,747	9.00	86.71
Oceania	4	150,768	5.63	92.34
Latin America	5	134,759	5.04	97.38
North America & the Caribbean	6	64,359	2.40	99.78
Africa	7	5,798	0.22	100.00
<b>Total</b>		<b>2,676,318</b>	<b>100.00</b>	<b>100.00</b>

Source: Philip M. Parker, INSEAD, copyright 2015, [www.icongrouponline.com](http://www.icongrouponline.com)

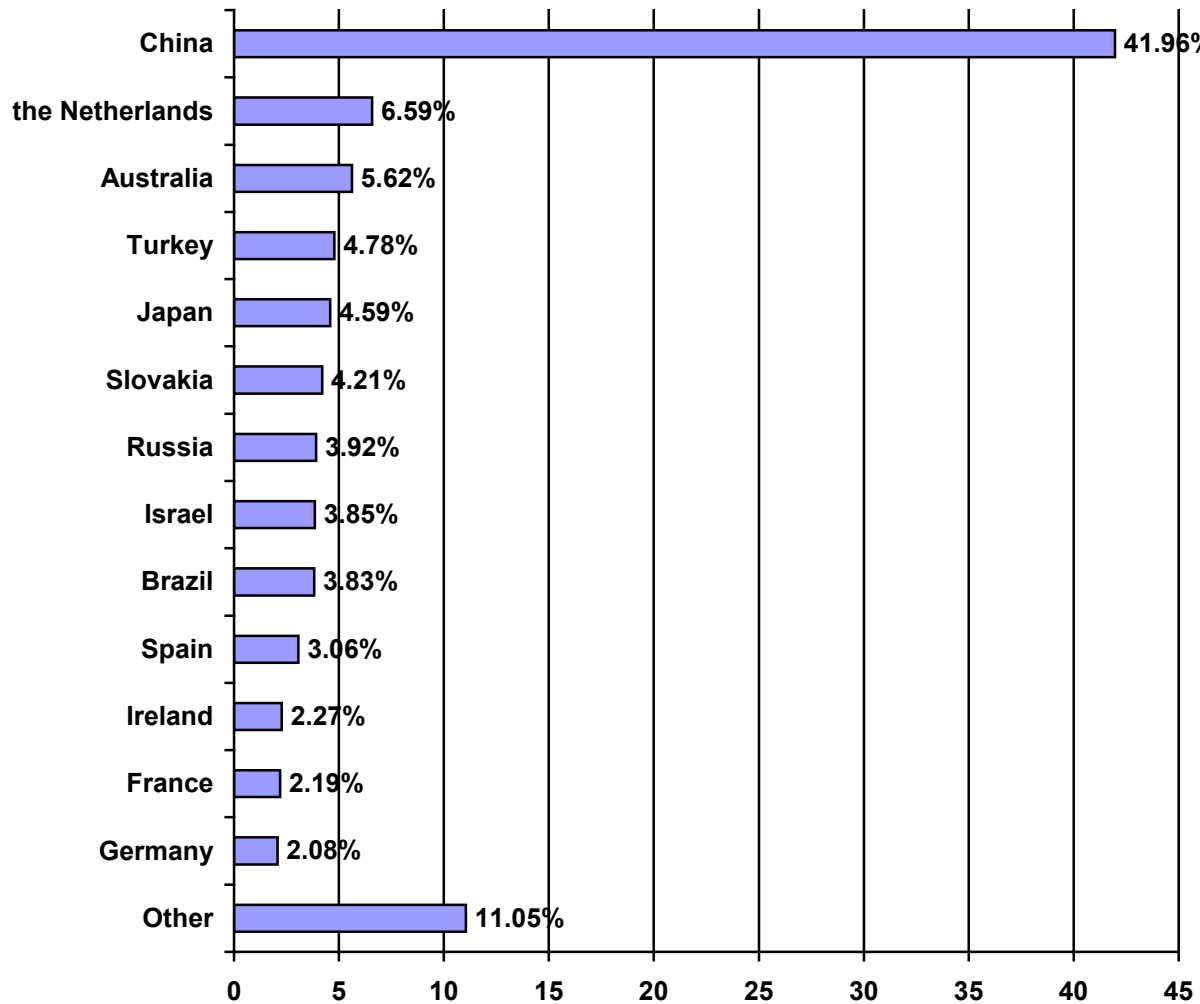
### World Supplies of Exported Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide: 2016



**World Supplies of Exported Fused Magnesia, Dead-Burned (Sintered) Magnesia,  
and Magnesium Oxide: 2016**

<b>Exporters</b>	<b>Rank</b>	<b>Value (000 US\$)</b>	<b>% of World</b>	<b>Cumulative %</b>
China	1	1,122,964	41.96	41.96
the Netherlands	2	176,490	6.59	48.55
Australia	3	150,452	5.62	54.18
Turkey	4	128,017	4.78	58.96
Japan	5	122,785	4.59	63.55
Slovakia	6	112,685	4.21	67.76
Russia	7	104,846	3.92	71.67
Israel	8	103,152	3.85	75.53
Brazil	9	102,377	3.83	79.35
Spain	10	81,786	3.06	82.41
Ireland	11	60,796	2.27	84.68
France	12	58,490	2.19	86.87
Germany	13	55,630	2.08	88.95
Austria	14	49,246	1.84	90.79
Greece	15	43,337	1.62	92.41
the United States	16	39,955	1.49	93.90
Mexico	17	31,266	1.17	95.07
Canada	18	24,404	0.91	95.98
Ukraine	19	19,720	0.74	96.71
South Korea	20	16,929	0.63	97.35
Belgium	21	11,558	0.43	97.78
Poland	22	11,420	0.43	98.21
Saudi Arabia	23	9,578	0.36	98.56
Italy	24	8,730	0.33	98.89
Norway	25	6,745	0.25	99.14
Czech Republic	26	3,647	0.14	99.28
South Africa	27	3,142	0.12	99.40
Egypt	28	2,514	0.09	99.49
India	29	2,405	0.09	99.58
Hong Kong	30	2,091	0.08	99.66
Taiwan	31	1,440	0.05	99.71
Slovenia	32	1,183	0.04	99.76
Sweden	33	902	0.03	99.79
Cyprus	34	839	0.03	99.82
Guatemala	35	709	0.03	99.85
Other	36	4,088	0.15	100.00
<b>Total</b>		<b>2,676,318</b>	<b>100.00</b>	<b>100.00</b>

Source: Philip M. Parker, INSEAD, copyright 2015, [www.icongrouponline.com](http://www.icongrouponline.com)

**World Supplies of Exported Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide: 2016**

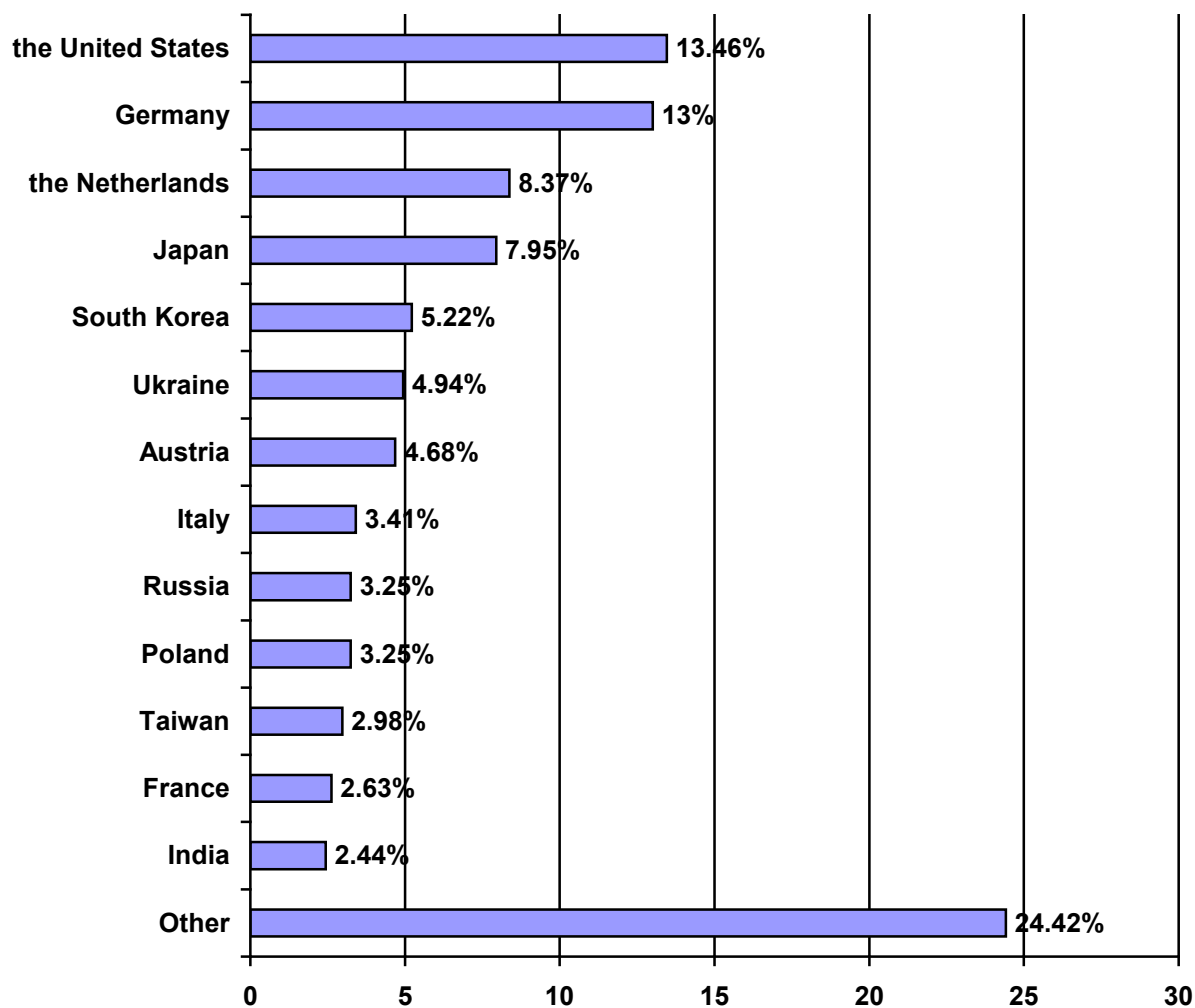
### 1.3 THE WORLD MARKET: FUSED MAGNESIA, DEAD-BURNED (SINTERED) MAGNESIA, AND MAGNESIUM OXIDE BY DESTINATION IN 2016

The World Market for Imported Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide by Country of Destination: 2016

Country of Destination	Rank	Value (000 US\$)	% Share	Cumulative %
the United States	1	360,358	13.46	13.46
Germany	2	347,993	13.00	26.47
the Netherlands	3	224,113	8.37	34.84
Japan	4	212,760	7.95	42.79
South Korea	5	139,599	5.22	48.01
Ukraine	6	132,196	4.94	52.95
Austria	7	125,329	4.68	57.63
Italy	8	91,350	3.41	61.04
Russia	9	87,059	3.25	64.30
Poland	10	86,940	3.25	67.54
Taiwan	11	79,747	2.98	70.52
France	12	70,456	2.63	73.16
India	13	65,228	2.44	75.59
Spain	14	50,471	1.89	77.48
China	15	50,130	1.87	79.35
Turkey	16	46,821	1.75	81.10
Belgium	17	41,233	1.54	82.64
Czech Republic	18	38,533	1.44	84.08
Canada	19	34,240	1.28	85.36
South Africa	20	31,106	1.16	86.52
Thailand	21	28,441	1.06	87.59
Malaysia	22	24,782	0.93	88.51
Ireland	23	22,511	0.84	89.35
Indonesia	24	22,480	0.84	90.19
Egypt	25	21,777	0.81	91.01
Brazil	26	21,491	0.80	91.81
New Zealand	27	20,506	0.77	92.58
Slovakia	28	18,341	0.69	93.26
Argentina	29	16,445	0.61	93.88
Mexico	30	15,365	0.57	94.45
Other	31	148,517	5.55	100.00
<b>Total</b>		<b>2,676,318</b>	<b>100.00</b>	<b>100.00</b>

Source: Philip M. Parker, INSEAD, copyright 2015, [www.icongrouponline.com](http://www.icongrouponline.com)

**The World Market for Imported Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide  
by Country of Destination: 2016**



## 2 AFRICA: EXPORT SUPPLIES OF FUSED MAGNESIA, DEAD-BURNED (SINTERED) MAGNESIA, AND MAGNESIUM OXIDE

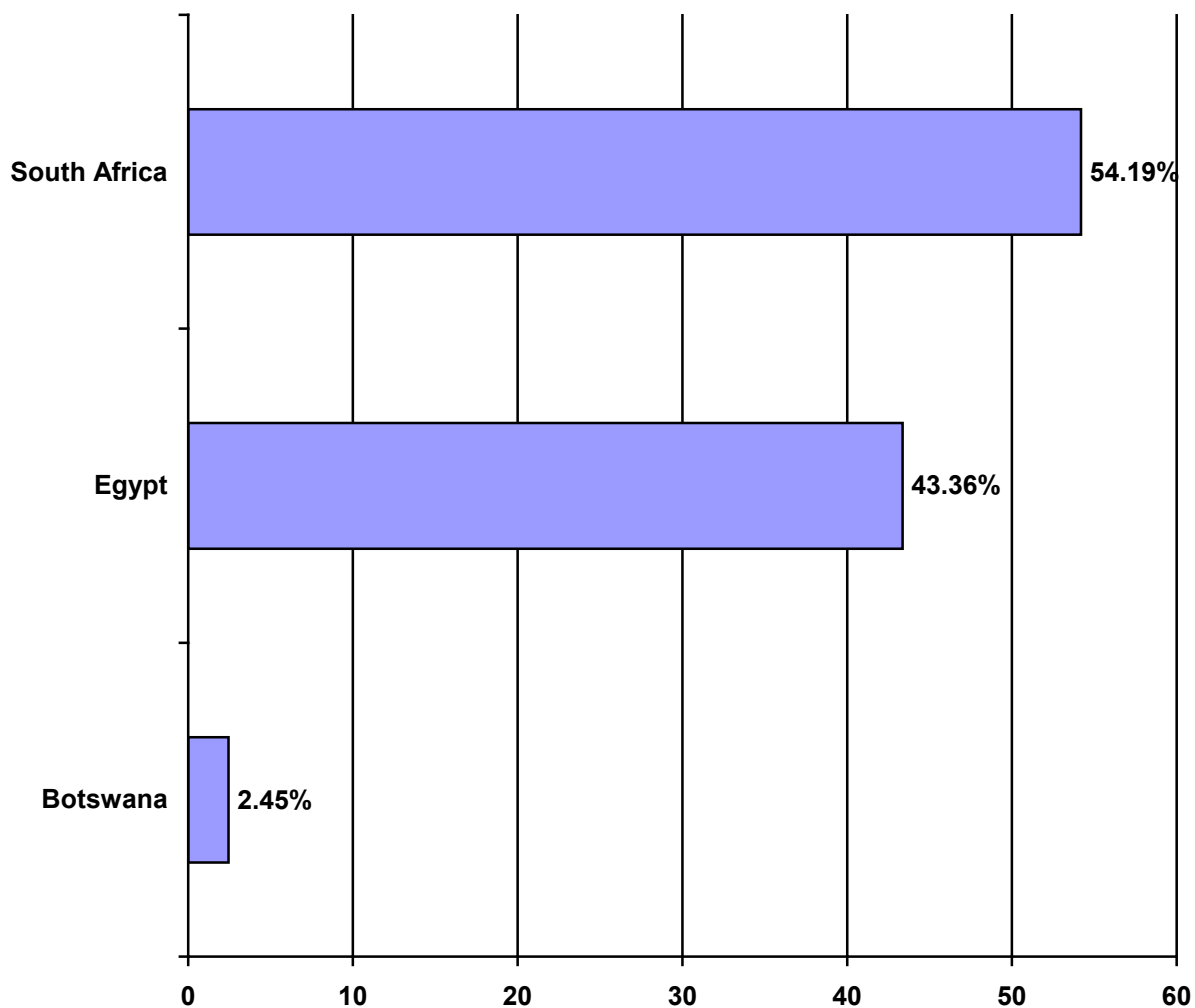
### 2.1 EXECUTIVE SUMMARY

The following tables and graphs summarize the export supplies in Africa of fused magnesia, dead-burned (sintered) magnesia, and magnesium oxide:

#### **Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide Export Supplies from Africa: 2016**

Exporters	Rank	Value (000 US\$)	% of Africa	Cumulative %
South Africa	1	3,142	54.19	54.19
Egypt	2	2,514	43.36	97.55
Botswana	3	142	2.45	100.00
<b>Total</b>		<b>5,798</b>	<b>100.00</b>	<b>100.00</b>

Source: Philip M. Parker, INSEAD, copyright 2015, [www.icongrouponline.com](http://www.icongrouponline.com)

**Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide Export Supplies from Africa:  
2016**

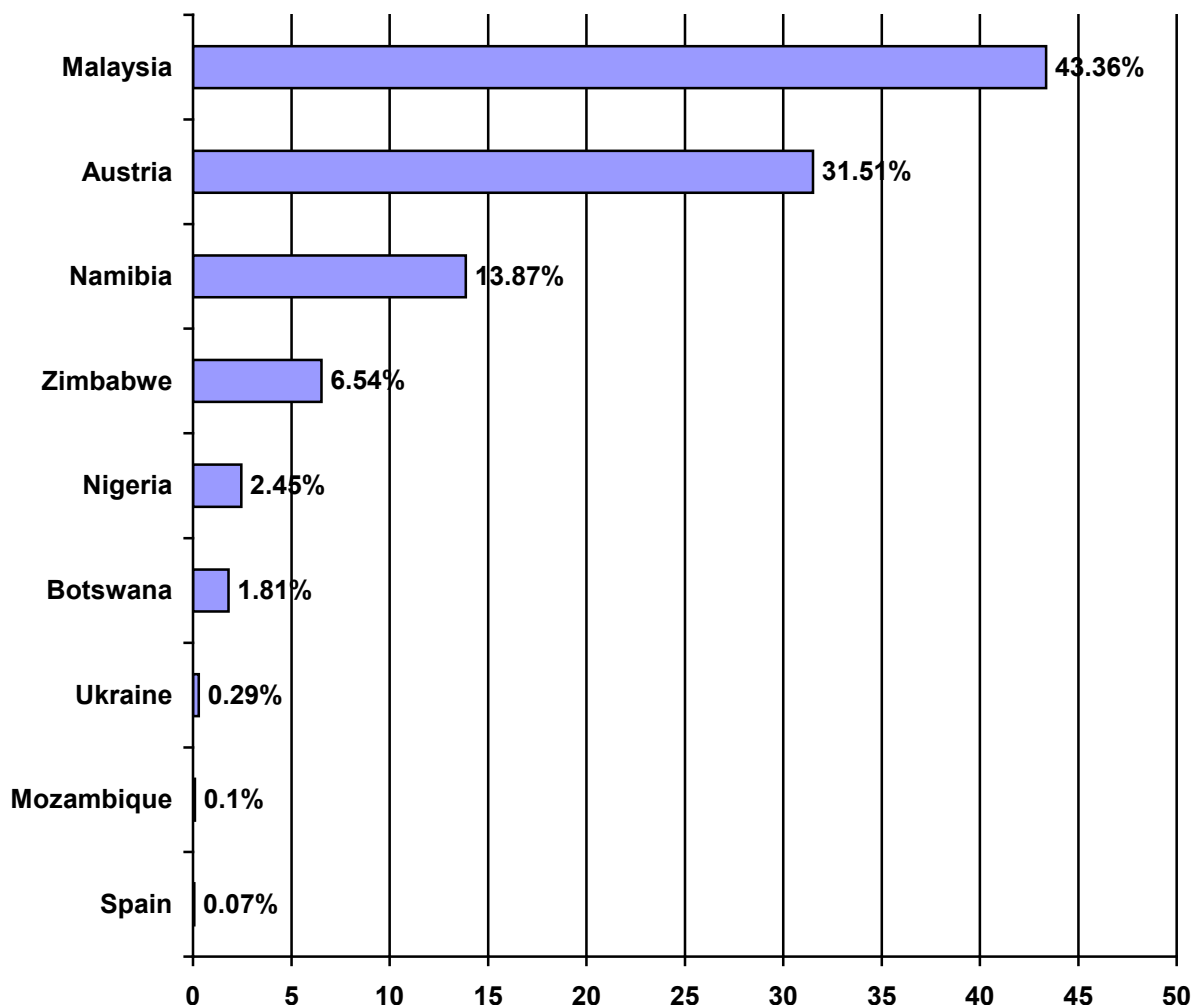


**Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide Exports  
from Africa by Country of Destination: 2016**

<b>Country of Destination</b>	<b>Rank</b>	<b>Value (000 US\$)</b>	<b>% Share</b>	<b>Cumulative %</b>
Malaysia	1	2,514	43.36	43.36
Austria	2	1,827	31.51	74.87
Namibia	3	804	13.87	88.74
Zimbabwe	4	379	6.54	95.27
Nigeria	5	142	2.45	97.72
Botswana	6	105	1.81	99.53
Ukraine	7	17	0.29	99.83
Mozambique	8	6	0.10	99.93
Spain	9	4	0.07	100.00
<b>Total</b>		<b>5,798</b>	<b>100.00</b>	<b>100.00</b>

Source: Philip M. Parker, INSEAD, copyright 2015, [www.icongrouponline.com](http://www.icongrouponline.com)

**Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide Exports from Africa by Country of Destination: 2016**



## 2.2 BOTSWANA

**Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide Exports from Botswana, 2016**

Country of Destination	Rank	Value (000 US\$)	% Share	Cumulative %
Nigeria	1	142	100.00	100.00
<b>Total</b>		<b>142</b>	<b>100.00</b>	<b>100.00</b>

Source: Philip M. Parker, INSEAD, copyright 2015, [www.icongrouponline.com](http://www.icongrouponline.com)

## 2.3 EGYPT

### Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide Exports from Egypt, 2016

Country of Destination	Rank	Value (000 US\$)	% Share	Cumulative %
Malaysia	1	2,514	100.00	100.00
<b>Total</b>		<b>2,514</b>	<b>100.00</b>	<b>100.00</b>

Source: Philip M. Parker, INSEAD, copyright 2015, [www.icongrouponline.com](http://www.icongrouponline.com)

## 2.4 SOUTH AFRICA

### Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide Exports from South Africa, 2016

Country of Destination	Rank	Value (000 US\$)	% Share	Cumulative %
Austria	1	1,827	58.15	58.15
Namibia	2	804	25.59	83.74
Zimbabwe	3	379	12.06	95.80
Botswana	4	105	3.34	99.14
Ukraine	5	17	0.54	99.68
Mozambique	6	6	0.19	99.87
Spain	7	4	0.13	100.00
<b>Total</b>		<b>3,142</b>	<b>100.00</b>	<b>100.00</b>

Source: Philip M. Parker, INSEAD, copyright 2015, [www.icongrouponline.com](http://www.icongrouponline.com)

### 3 ASIA: EXPORT SUPPLIES OF FUSED MAGNESIA, DEAD-BURNED (SINTERED) MAGNESIA, AND MAGNESIUM OXIDE

#### 3.1 EXECUTIVE SUMMARY

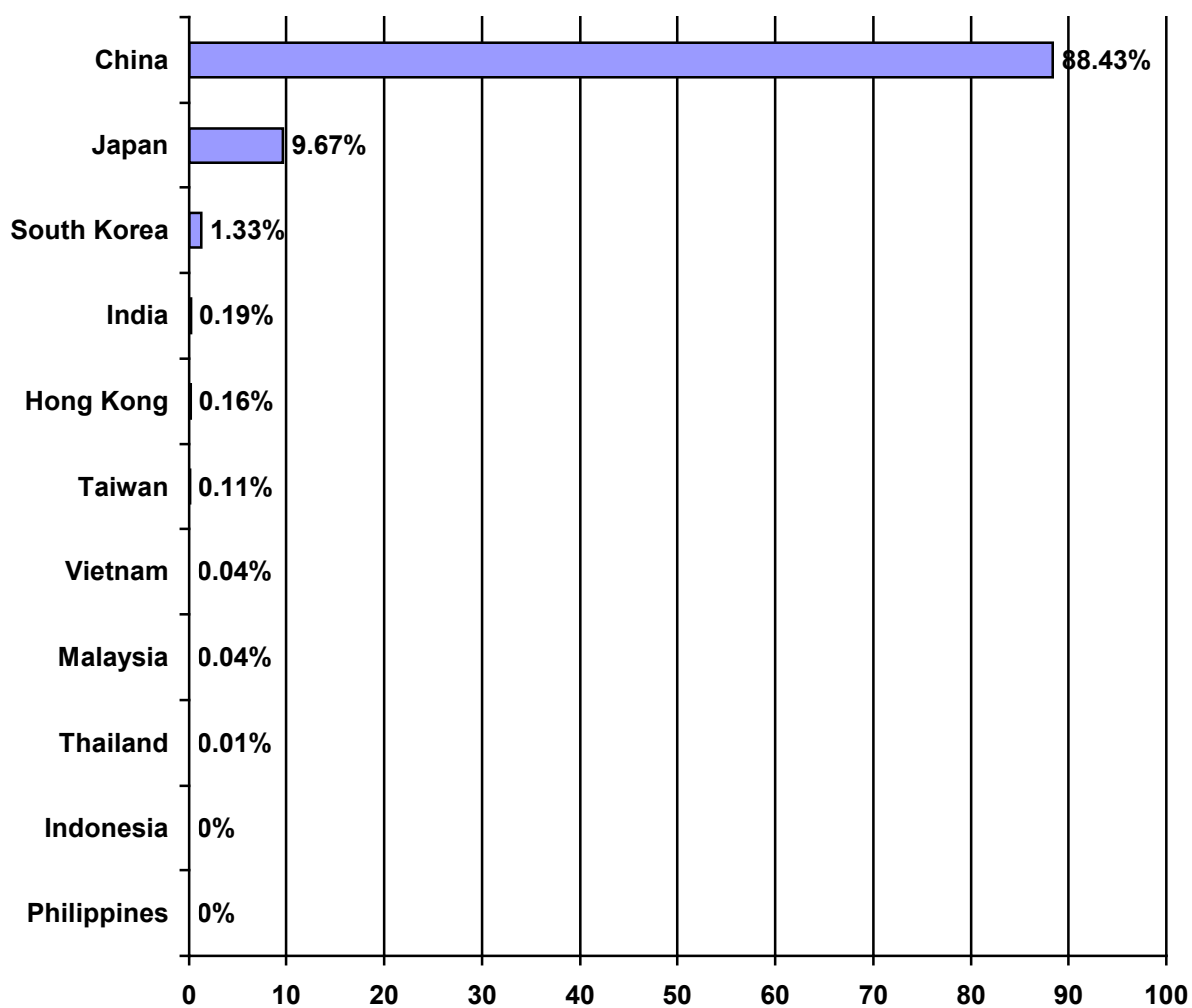
The following tables and graphs summarize the export supplies in Asia of fused magnesia, dead-burned (sintered) magnesia, and magnesium oxide:

##### **Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide Export Supplies from Asia: 2016**

<b>Exporters</b>	<b>Rank</b>	<b>Value (000 US\$)</b>	<b>% of Asia</b>	<b>Cumulative %</b>
China	1	1,122,964	88.43	88.43
Japan	2	122,785	9.67	98.10
South Korea	3	16,929	1.33	99.43
India	4	2,405	0.19	99.62
Hong Kong	5	2,091	0.16	99.78
Taiwan	6	1,440	0.11	99.90
Vietnam	7	530	0.04	99.94
Malaysia	8	505	0.04	99.98
Thailand	9	167	0.01	99.99
Indonesia	10	53	0.00	100.00
Philippines	11	48	0.00	100.00
<b>Total</b>		<b>1,269,917</b>	<b>100.00</b>	<b>100.00</b>

Source: Philip M. Parker, INSEAD, copyright 2015, [www.icongrouponline.com](http://www.icongrouponline.com)

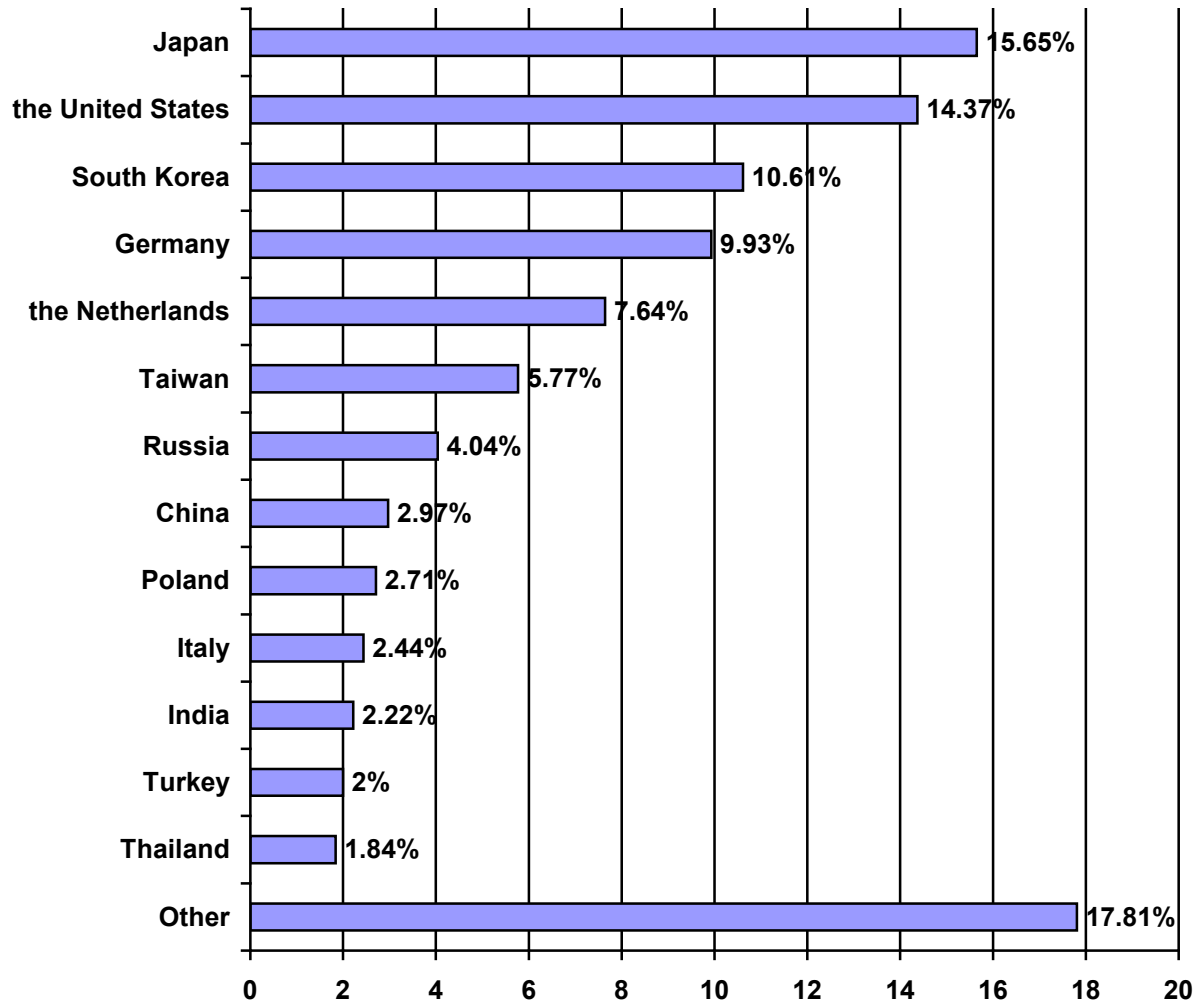
## Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide Export Supplies from Asia: 2016



**Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide Exports  
from Asia by Country of Destination: 2016**

<b>Country of Destination</b>	<b>Rank</b>	<b>Value (000 US\$)</b>	<b>% Share</b>	<b>Cumulative %</b>
Japan	1	198,714	15.65	15.65
the United States	2	182,545	14.37	30.02
South Korea	3	134,679	10.61	40.63
Germany	4	126,161	9.93	50.56
the Netherlands	5	97,001	7.64	58.20
Taiwan	6	73,218	5.77	63.97
Russia	7	51,289	4.04	68.00
China	8	37,720	2.97	70.98
Poland	9	34,430	2.71	73.69
Italy	10	30,956	2.44	76.12
India	11	28,245	2.22	78.35
Turkey	12	25,416	2.00	80.35
Thailand	13	23,303	1.84	82.18
Canada	14	20,571	1.62	83.80
Austria	15	19,245	1.52	85.32
South Africa	16	18,067	1.42	86.74
Malaysia	17	17,724	1.40	88.14
France	18	15,912	1.25	89.39
Indonesia	19	15,436	1.22	90.61
New Zealand	20	14,124	1.11	91.72
Spain	21	11,553	0.91	92.63
Ukraine	22	10,281	0.81	93.44
Vietnam	23	10,065	0.79	94.23
Mexico	24	9,475	0.75	94.98
Slovakia	25	9,183	0.72	95.70
Other	26	54,604	4.30	100.00
<b>Total</b>		<b>1,269,917</b>	<b>100.00</b>	<b>100.00</b>

Source: Philip M. Parker, INSEAD, copyright 2015, [www.icongrouponline.com](http://www.icongrouponline.com)

**Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide Exports from Asia by Country of Destination: 2016**

## 3.2 CHINA

### Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide Exports from China, 2016

Country of Destination	Rank	Value (000 US\$)	% Share	Cumulative %
Japan	1	183,165	16.31	16.31
the United States	2	171,802	15.30	31.61
Germany	3	121,495	10.82	42.43
South Korea	4	97,337	8.67	51.10
the Netherlands	5	96,398	8.58	59.68
Taiwan	6	63,229	5.63	65.31
Russia	7	51,059	4.55	69.86
Poland	8	33,849	3.01	72.87
Italy	9	30,515	2.72	75.59
Turkey	10	25,268	2.25	77.84
India	11	21,302	1.90	79.74
Thailand	12	20,325	1.81	81.55
Austria	13	19,230	1.71	83.26
Canada	14	17,712	1.58	84.84
South Africa	15	16,451	1.46	86.30
Malaysia	16	15,818	1.41	87.71
New Zealand	17	13,800	1.23	88.94
Indonesia	18	13,163	1.17	90.11
France	19	12,918	1.15	91.26
Spain	20	11,472	1.02	92.28
Ukraine	21	10,281	0.92	93.20
Mexico	22	9,412	0.84	94.04
Vietnam	23	9,190	0.82	94.86
Slovakia	24	9,183	0.82	95.67
Brazil	25	8,165	0.73	96.40
Belgium	26	5,240	0.47	96.87
Czech Republic	27	4,884	0.43	97.30
Argentina	28	4,565	0.41	97.71
Egypt	29	3,380	0.30	98.01
Colombia	30	2,980	0.27	98.27
Other	31	19,376	1.73	100.00
<b>Total</b>		<b>1,122,964</b>	<b>100.00</b>	<b>100.00</b>

Source: Philip M. Parker, INSEAD, copyright 2015, [www.icongrouponline.com](http://www.icongrouponline.com)



### 3.3 HONG KONG

#### Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide Exports from Hong Kong, 2016

Country of Destination	Rank	Value (000 US\$)	% Share	Cumulative %
Malaysia	1	627	29.99	29.99
Thailand	2	516	24.68	54.66
the United States	3	449	21.47	76.14
Indonesia	4	250	11.96	88.09
South Korea	5	121	5.79	93.88
Australia	6	81	3.87	97.75
India	7	46	2.20	99.95
Brazil	8	1	0.05	100.00
<b>Total</b>		<b>2,091</b>	<b>100.00</b>	<b>100.00</b>

Source: Philip M. Parker, INSEAD, copyright 2015, [www.icongrouponline.com](http://www.icongrouponline.com)

### 3.4 INDIA

#### Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide Exports from India, 2016

Country of Destination	Rank	Value (000 US\$)	% Share	Cumulative %
the Netherlands	1	599	24.91	24.91
Malaysia	2	565	23.49	48.40
Indonesia	3	474	19.71	68.11
Oman	4	275	11.43	79.54
Latvia	5	150	6.24	85.78
Russia	6	114	4.74	90.52
Egypt	7	87	3.62	94.14
Ethiopia	8	56	2.33	96.47
Japan	9	24	1.00	97.46
China	10	22	0.91	98.38
Nigeria	11	18	0.75	99.13
Pakistan	12	17	0.71	99.83
Germany	13	4	0.17	100.00
<b>Total</b>		<b>2,405</b>	<b>100.00</b>	<b>100.00</b>

Source: Philip M. Parker, INSEAD, copyright 2015, [www.icongrouponline.com](http://www.icongrouponline.com)

### 3.5 INDONESIA

#### Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide Exports from Indonesia, 2016

Country of Destination	Rank	Value (000 US\$)	% Share	Cumulative %
South Korea	1	28	52.83	52.83
Philippines	2	25	47.17	100.00
<b>Total</b>		<b>53</b>	<b>100.00</b>	<b>100.00</b>

Source: Philip M. Parker, INSEAD, copyright 2015, [www.icongrouponline.com](http://www.icongrouponline.com)

### 3.6 JAPAN

#### Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide Exports from Japan, 2016

Country of Destination	Rank	Value (000 US\$)	% Share	Cumulative %
South Korea	1	37,193	30.29	30.29
China	2	36,682	29.87	60.17
the United States	3	10,236	8.34	68.50
Taiwan	4	9,989	8.14	76.64
India	5	6,316	5.14	81.78
Germany	6	4,484	3.65	85.43
France	7	2,994	2.44	87.87
Canada	8	2,859	2.33	90.20
Australia	9	2,270	1.85	92.05
Thailand	10	1,632	1.33	93.38
South Africa	11	1,616	1.32	94.69
Indonesia	12	1,292	1.05	95.75
Sweden	13	644	0.52	96.27
Poland	14	581	0.47	96.74
Malaysia	15	511	0.42	97.16
Hong Kong	16	464	0.38	97.54
Italy	17	441	0.36	97.90
Vietnam	18	432	0.35	98.25
Singapore	19	387	0.32	98.56
Pakistan	20	292	0.24	98.80
New Zealand	21	257	0.21	99.01
Finland	22	257	0.21	99.22
Chile	23	212	0.17	99.39
Czech Republic	24	195	0.16	99.55
Russia	25	116	0.09	99.65
Spain	26	81	0.07	99.71
Turkey	27	81	0.07	99.78
Denmark	28	77	0.06	99.84
Mexico	29	59	0.05	99.89
Philippines	30	53	0.04	99.93
Other	31	82	0.07	100.00
<b>Total</b>		<b>122,785</b>	<b>100.00</b>	<b>100.00</b>

Source: Philip M. Parker, INSEAD, copyright 2015, [www.icongrouponline.com](http://www.icongrouponline.com)

### 3.7 MALAYSIA

#### Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide Exports from Malaysia, 2016

Country of Destination	Rank	Value (000 US\$)	% Share	Cumulative %
Indonesia	1	163	32.28	32.28
India	2	129	25.54	57.82
Thailand	3	112	22.18	80.00
Vietnam	4	101	20.00	100.00
<b>Total</b>		<b>505</b>	<b>100.00</b>	<b>100.00</b>

Source: Philip M. Parker, INSEAD, copyright 2015, [www.icongrouponline.com](http://www.icongrouponline.com)

### 3.8 PHILIPPINES

#### Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide Exports from Philippines, 2016

Country of Destination	Rank	Value (000 US\$)	% Share	Cumulative %
Japan	1	48	100.00	100.00
<b>Total</b>		<b>48</b>	<b>100.00</b>	<b>100.00</b>

Source: Philip M. Parker, INSEAD, copyright 2015, [www.icongrouponline.com](http://www.icongrouponline.com)

### 3.9 SOUTH KOREA

#### Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide Exports from South Korea, 2016

Country of Destination	Rank	Value (000 US\$)	% Share	Cumulative %
Japan	1	15,470	91.38	91.38
China	2	376	2.22	93.60
Vietnam	3	231	1.36	94.97
India	4	191	1.13	96.10
Singapore	5	182	1.08	97.17
Germany	6	178	1.05	98.22
Togo	7	98	0.58	98.80
New Zealand	8	67	0.40	99.20
Turkey	9	67	0.40	99.59
the United States	10	58	0.34	99.94
Indonesia	11	6	0.04	99.97
Mexico	12	4	0.02	99.99
Thailand	13	1	0.01	100.00
<b>Total</b>		<b>16,929</b>	<b>100.00</b>	<b>100.00</b>

Source: Philip M. Parker, INSEAD, copyright 2015, [www.icongrouponline.com](http://www.icongrouponline.com)

### 3.10 TAIWAN

#### Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide Exports from Taiwan, 2016

Country of Destination	Rank	Value (000 US\$)	% Share	Cumulative %
China	1	550	38.19	38.19
Malaysia	2	203	14.10	52.29
Thailand	3	187	12.99	65.28
Vietnam	4	111	7.71	72.99
Philippines	5	104	7.22	80.21
India	6	94	6.53	86.74
Indonesia	7	88	6.11	92.85
Hong Kong	8	48	3.33	96.18
Australia	9	48	3.33	99.51
Japan	10	7	0.49	100.00
<b>Total</b>		<b>1,440</b>	<b>100.00</b>	<b>100.00</b>

Source: Philip M. Parker, INSEAD, copyright 2015, [www.icongrouponline.com](http://www.icongrouponline.com)

### 3.11 THAILAND

#### Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide Exports from Thailand, 2016

Country of Destination	Rank	Value (000 US\$)	% Share	Cumulative %
India	1	167	100.00	100.00
<b>Total</b>		<b>167</b>	<b>100.00</b>	<b>100.00</b>

Source: Philip M. Parker, INSEAD, copyright 2015, [www.icongrouponline.com](http://www.icongrouponline.com)

### 3.12 VIETNAM

#### Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide Exports from Vietnam, 2016

Country of Destination	Rank	Value (000 US\$)	% Share	Cumulative %
Thailand	1	530	100.00	100.00
<b>Total</b>		<b>530</b>	<b>100.00</b>	<b>100.00</b>

Source: Philip M. Parker, INSEAD, copyright 2015, [www.icongrouponline.com](http://www.icongrouponline.com)

## 4 EUROPE: EXPORT SUPPLIES OF FUSED MAGNESIA, DEAD-BURNED (SINTERED) MAGNESIA, AND MAGNESIUM OXIDE

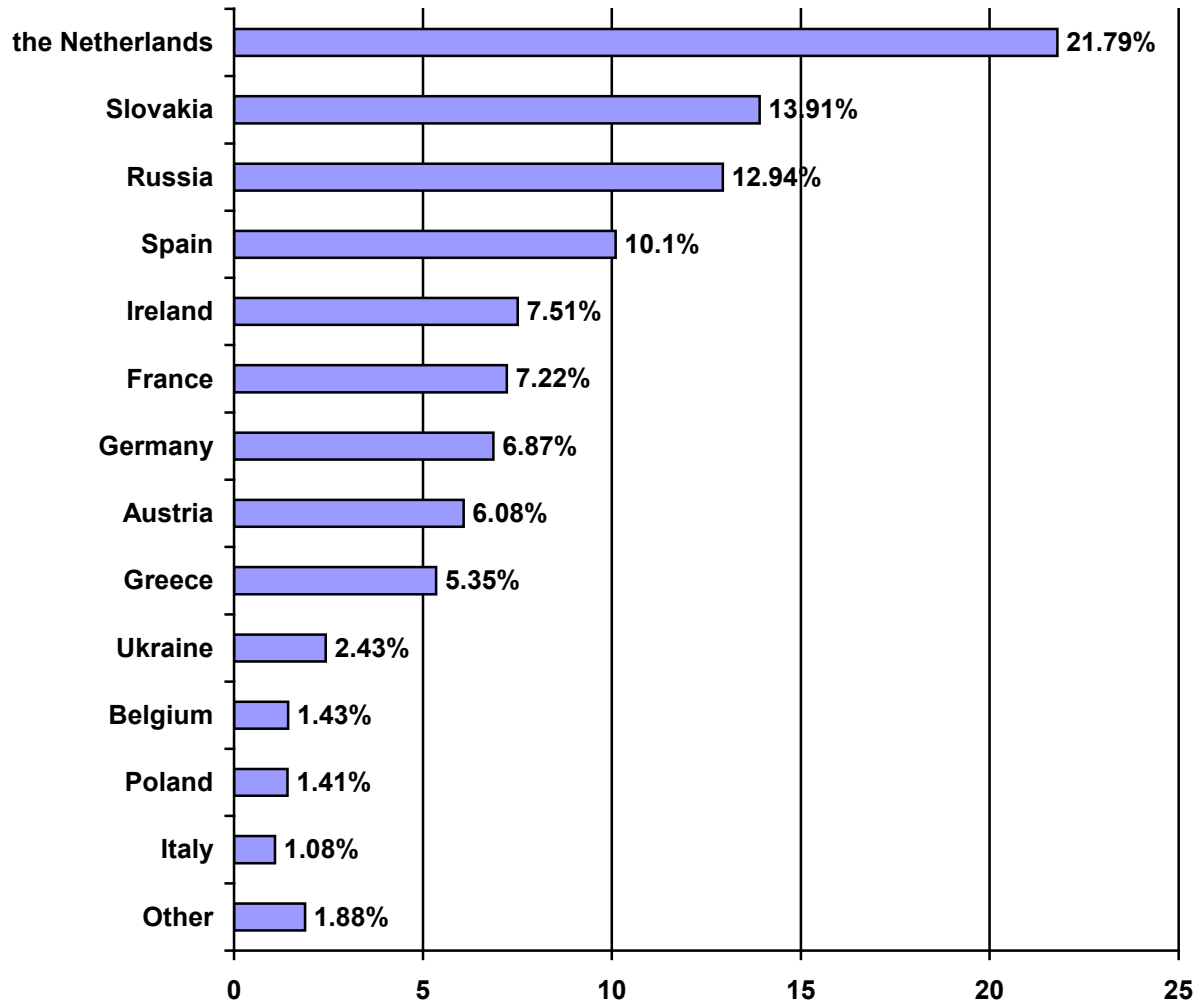
### 4.1 EXECUTIVE SUMMARY

The following tables and graphs summarize the export supplies in Europe of fused magnesia, dead-burned (sintered) magnesia, and magnesium oxide:

#### Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide Export Supplies from Europe: 2016

Exporters	Rank	Value (000 US\$)	% of Europe	Cumulative %
the Netherlands	1	176,490	21.79	21.79
Slovakia	2	112,685	13.91	35.70
Russia	3	104,846	12.94	48.65
Spain	4	81,786	10.10	58.74
Ireland	5	60,796	7.51	66.25
France	6	58,490	7.22	73.47
Germany	7	55,630	6.87	80.34
Austria	8	49,246	6.08	86.42
Greece	9	43,337	5.35	91.77
Ukraine	10	19,720	2.43	94.20
Belgium	11	11,558	1.43	95.63
Poland	12	11,420	1.41	97.04
Italy	13	8,730	1.08	98.12
Norway	14	6,745	0.83	98.95
Czech Republic	15	3,647	0.45	99.40
Slovenia	16	1,183	0.15	99.55
Sweden	17	902	0.11	99.66
Cyprus	18	839	0.10	99.76
Romania	19	703	0.09	99.85
Portugal	20	338	0.04	99.89
Hungary	21	299	0.04	99.93
Denmark	22	143	0.02	99.95
Latvia	23	142	0.02	99.96
Andorra	24	139	0.02	99.98
Finland	25	136	0.02	100.00
Other	26	20	0.00	100.00
<b>Total</b>		<b>809,970</b>	<b>100.00</b>	<b>100.00</b>

Source: Philip M. Parker, INSEAD, copyright 2015, [www.icongrouponline.com](http://www.icongrouponline.com)

**Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide Export Supplies from Europe:  
2016**

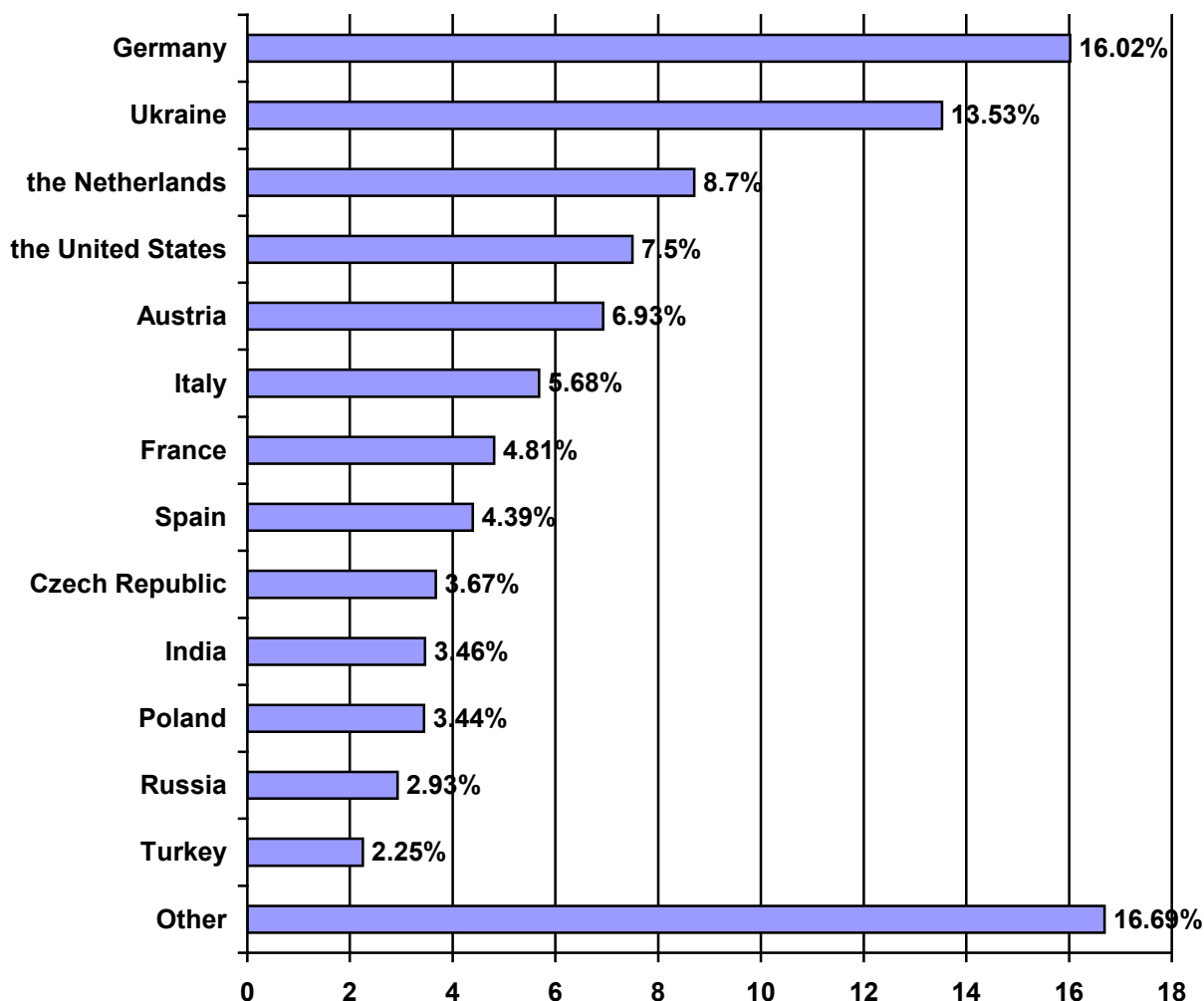


**Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide Exports  
from Europe by Country of Destination: 2016**

<b>Country of Destination</b>	<b>Rank</b>	<b>Value (000 US\$)</b>	<b>% Share</b>	<b>Cumulative %</b>
Germany	1	129,796	16.02	16.02
Ukraine	2	109,583	13.53	29.55
the Netherlands	3	70,429	8.70	38.25
the United States	4	60,741	7.50	45.75
Austria	5	56,150	6.93	52.68
Italy	6	46,044	5.68	58.37
France	7	38,984	4.81	63.18
Spain	8	35,578	4.39	67.57
Czech Republic	9	29,689	3.67	71.24
India	10	28,008	3.46	74.69
Poland	11	27,863	3.44	78.13
Russia	12	23,747	2.93	81.07
Turkey	13	18,256	2.25	83.32
Egypt	14	12,982	1.60	84.92
Ireland	15	11,018	1.36	86.28
Sweden	16	10,250	1.27	87.55
Belgium	17	9,337	1.15	88.70
Slovakia	18	7,619	0.94	89.64
Romania	19	7,239	0.89	90.54
Kazakhstan	20	6,809	0.84	91.38
Belarus	21	5,355	0.66	92.04
Brazil	22	5,002	0.62	92.66
Portugal	23	4,586	0.57	93.22
Latvia	24	4,527	0.56	93.78
Norway	25	4,340	0.54	94.32
Other	26	46,038	5.68	100.00
<b>Total</b>		<b>809,970</b>	<b>100.00</b>	<b>100.00</b>

Source: Philip M. Parker, INSEAD, copyright 2015, [www.icongrouponline.com](http://www.icongrouponline.com)

**Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide Exports from Europe by Country of Destination: 2016**



## 4.2 ANDORRA

**Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide Exports from Andorra, 2016**

Country of Destination	Rank	Value (000 US\$)	% Share	Cumulative %
Nigeria	1	139	100.00	100.00
<b>Total</b>		<b>139</b>	<b>100.00</b>	<b>100.00</b>

Source: Philip M. Parker, INSEAD, copyright 2015, [www.icongrouponline.com](http://www.icongrouponline.com)

### 4.3 AUSTRIA

#### Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide Exports from Austria, 2016

Country of Destination	Rank	Value (000 US\$)	% Share	Cumulative %
Germany	1	16,944	34.41	34.41
the United States	2	9,869	20.04	54.45
Italy	3	6,765	13.74	68.18
Egypt	4	6,637	13.48	81.66
Spain	5	2,151	4.37	86.03
France	6	1,191	2.42	88.45
Poland	7	1,149	2.33	90.78
the Netherlands	8	1,093	2.22	93.00
Czech Republic	9	979	1.99	94.99
Hungary	10	558	1.13	96.12
Ukraine	11	506	1.03	97.15
India	12	311	0.63	97.78
Slovenia	13	258	0.52	98.30
Croatia	14	230	0.47	98.77
Canada	15	156	0.32	99.09
Belgium	16	146	0.30	99.38
Slovakia	17	132	0.27	99.65
Lithuania	18	122	0.25	99.90
Morocco	19	25	0.05	99.95
Russia	20	24	0.05	100.00
<b>Total</b>		<b>49,246</b>	<b>100.00</b>	<b>100.00</b>

Source: Philip M. Parker, INSEAD, copyright 2015, [www.icongrouponline.com](http://www.icongrouponline.com)

## 4.4 BELGIUM

### Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide Exports from Belgium, 2016

Country of Destination	Rank	Value (000 US\$)	% Share	Cumulative %
Spain	1	3,389	29.32	29.32
the Netherlands	2	2,876	24.88	54.20
France	3	2,778	24.04	78.24
Sweden	4	946	8.18	86.42
Italy	5	854	7.39	93.81
Germany	6	290	2.51	96.32
Poland	7	149	1.29	97.61
Estonia	8	133	1.15	98.76
the United States	9	70	0.61	99.37
Ireland	10	36	0.31	99.68
Luxembourg	11	17	0.15	99.83
Denmark	12	13	0.11	99.94
Lithuania	13	4	0.03	99.97
India	14	3	0.03	100.00
<b>Total</b>		<b>11,558</b>	<b>100.00</b>	<b>100.00</b>

Source: Philip M. Parker, INSEAD, copyright 2015, [www.icongrouponline.com](http://www.icongrouponline.com)

## 4.5 CYPRUS

### Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide Exports from Cyprus, 2016

Country of Destination	Rank	Value (000 US\$)	% Share	Cumulative %
France	1	839	100.00	100.00
<b>Total</b>		<b>839</b>	<b>100.00</b>	<b>100.00</b>

Source: Philip M. Parker, INSEAD, copyright 2015, [www.icongrouponline.com](http://www.icongrouponline.com)

## 4.6 CZECH REPUBLIC

### Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide Exports from Czech Republic, 2016

Country of Destination	Rank	Value (000 US\$)	% Share	Cumulative %
Poland	1	2,914	79.90	79.90
Austria	2	341	9.35	89.25
India	3	129	3.54	92.79
Spain	4	102	2.80	95.59
Indonesia	5	74	2.03	97.61
Romania	6	34	0.93	98.55
Hungary	7	21	0.58	99.12
Slovakia	8	15	0.41	99.53
France	9	13	0.36	99.89
Germany	10	4	0.11	100.00
<b>Total</b>		<b>3,647</b>	<b>100.00</b>	<b>100.00</b>

Source: Philip M. Parker, INSEAD, copyright 2015, [www.icongrouponline.com](http://www.icongrouponline.com)

## 4.7 DENMARK

### Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide Exports from Denmark, 2016

Country of Destination	Rank	Value (000 US\$)	% Share	Cumulative %
Norway	1	118	82.52	82.52
Sweden	2	25	17.48	100.00
<b>Total</b>		<b>143</b>	<b>100.00</b>	<b>100.00</b>

Source: Philip M. Parker, INSEAD, copyright 2015, [www.icongrouponline.com](http://www.icongrouponline.com)

## 4.8 FINLAND

### Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide Exports from Finland, 2016

Country of Destination	Rank	Value (000 US\$)	% Share	Cumulative %
Germany	1	136	100.00	100.00
<b>Total</b>		<b>136</b>	<b>100.00</b>	<b>100.00</b>

Source: Philip M. Parker, INSEAD, copyright 2015, [www.icongrouponline.com](http://www.icongrouponline.com)

## 4.9 FRANCE

### Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide Exports from France, 2016

Country of Destination	Rank	Value (000 US\$)	% Share	Cumulative %
the Netherlands	1	32,141	54.95	54.95
Germany	2	4,554	7.79	62.74
Russia	3	3,660	6.26	68.99
Poland	4	3,049	5.21	74.21
Denmark	5	2,024	3.46	77.67
Norway	6	1,784	3.05	80.72
China	7	1,643	2.81	83.53
the United States	8	1,458	2.49	86.02
Belgium	9	1,228	2.10	88.12
Italy	10	1,190	2.03	90.15
Thailand	11	965	1.65	91.80
Spain	12	922	1.58	93.38
Austria	13	896	1.53	94.91
Sweden	14	728	1.24	96.16
France	15	547	0.94	97.09
Taiwan	16	456	0.78	97.87
Hungary	17	348	0.59	98.47
Egypt	18	189	0.32	98.79
Portugal	19	143	0.24	99.03
India	20	142	0.24	99.28
Malaysia	21	116	0.20	99.48
Chile	22	84	0.14	99.62
Czech Republic	23	77	0.13	99.75
Morocco	24	77	0.13	99.88
Ireland	25	46	0.08	99.96
Romania	26	17	0.03	99.99
Turkey	27	6	0.01	100.00
<b>Total</b>		<b>58,490</b>	<b>100.00</b>	<b>100.00</b>

Source: Philip M. Parker, INSEAD, copyright 2015, [www.icongrouponline.com](http://www.icongrouponline.com)

## 4.10 GERMANY

### Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide Exports from Germany, 2016

Country of Destination	Rank	Value (000 US\$)	% Share	Cumulative %
the Netherlands	1	14,982	26.93	26.93
Austria	2	9,280	16.68	43.61
France	3	7,064	12.70	56.31
Italy	4	4,370	7.86	64.17
Belgium	5	3,702	6.65	70.82
Sweden	6	1,834	3.30	74.12
Poland	7	1,733	3.12	77.23
Spain	8	1,723	3.10	80.33
Hungary	9	1,442	2.59	82.92
Denmark	10	1,013	1.82	84.74
Slovakia	11	884	1.59	86.33
Turkey	12	836	1.50	87.84
Finland	13	481	0.86	88.70
Czech Republic	14	459	0.83	89.53
Pakistan	15	419	0.75	90.28
South Africa	16	411	0.74	91.02
South Korea	17	347	0.62	91.64
China	18	344	0.62	92.26
Ireland	19	344	0.62	92.88
Slovenia	20	330	0.59	93.47
Latvia	21	325	0.58	94.06
India	22	296	0.53	94.59
Egypt	23	279	0.50	95.09
Canada	24	260	0.47	95.56
Luxembourg	25	223	0.40	95.96
Romania	26	208	0.37	96.33
Malaysia	27	208	0.37	96.71
the United States	28	201	0.36	97.07
Russia	29	182	0.33	97.39
Argentina	30	152	0.27	97.67
Other	31	1,298	2.33	100.00
<b>Total</b>		<b>55,630</b>	<b>100.00</b>	<b>100.00</b>

Source: Philip M. Parker, INSEAD, copyright 2015, [www.icongrouponline.com](http://www.icongrouponline.com)

## 4.11 GREECE

### Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide Exports from Greece, 2016

Country of Destination	Rank	Value (000 US\$)	% Share	Cumulative %
the Netherlands	1	10,466	24.15	24.15
Italy	2	8,670	20.01	44.16
Germany	3	5,348	12.34	56.50
Sweden	4	4,067	9.38	65.88
the United States	5	2,998	6.92	72.80
France	6	2,490	5.75	78.54
Brazil	7	1,912	4.41	82.96
Russia	8	1,236	2.85	85.81
Poland	9	990	2.28	88.09
Macedonia	10	631	1.46	89.55
Belgium	11	607	1.40	90.95
Indonesia	12	467	1.08	92.03
Egypt	13	446	1.03	93.06
South Africa	14	330	0.76	93.82
Spain	15	330	0.76	94.58
Australia	16	328	0.76	95.34
Turkey	17	290	0.67	96.01
Argentina	18	281	0.65	96.65
South Korea	19	278	0.64	97.30
India	20	262	0.60	97.90
Ukraine	21	167	0.39	98.29
Hungary	22	152	0.35	98.64
Romania	23	139	0.32	98.96
Taiwan	24	129	0.30	99.25
Slovenia	25	72	0.17	99.42
Portugal	26	67	0.15	99.58
Colombia	27	62	0.14	99.72
Bulgaria	28	51	0.12	99.84
Thailand	29	36	0.08	99.92
Mexico	30	34	0.08	100.00
Other	31	1	0.00	100.00
<b>Total</b>		<b>43,337</b>	<b>100.00</b>	<b>100.00</b>

Source: Philip M. Parker, INSEAD, copyright 2015, [www.icongrouponline.com](http://www.icongrouponline.com)



## 4.12 HUNGARY

### Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide Exports from Hungary, 2016

Country of Destination	Rank	Value (000 US\$)	% Share	Cumulative %
Czech Republic	1	166	55.52	55.52
Latvia	2	133	44.48	100.00
<b>Total</b>		<b>299</b>	<b>100.00</b>	<b>100.00</b>

Source: Philip M. Parker, INSEAD, copyright 2015, [www.icongrouponline.com](http://www.icongrouponline.com)

## 4.13 IRELAND

### Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide Exports from Ireland, 2016

Country of Destination	Rank	Value (000 US\$)	% Share	Cumulative %
India	1	19,245	31.66	31.66
Austria	2	15,548	25.57	57.23
Germany	3	12,538	20.62	77.85
Italy	4	10,910	17.95	95.80
Poland	5	1,577	2.59	98.39
South Africa	6	397	0.65	99.04
Spain	7	279	0.46	99.50
Latvia	8	212	0.35	99.85
Finland	9	90	0.15	100.00
<b>Total</b>		<b>60,796</b>	<b>100.00</b>	<b>100.00</b>

Source: Philip M. Parker, INSEAD, copyright 2015, [www.icongrouponline.com](http://www.icongrouponline.com)

## 4.14 ITALY

### Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide Exports from Italy, 2016

Country of Destination	Rank	Value (000 US\$)	% Share	Cumulative %
Romania	1	5,835	66.84	66.84
Norway	2	537	6.15	72.99
Turkey	3	401	4.59	77.58
Egypt	4	264	3.02	80.61
the Netherlands	5	253	2.90	83.51
Russia	6	248	2.84	86.35
Brazil	7	241	2.76	89.11
Poland	8	140	1.60	90.71
India	9	109	1.25	91.96
Finland	10	94	1.08	93.04
Germany	11	94	1.08	94.11
Canada	12	74	0.85	94.96
Austria	13	70	0.80	95.76
Czech Republic	14	59	0.68	96.44
France	15	58	0.66	97.10
Greece	16	53	0.61	97.71
Ukraine	17	41	0.47	98.18
Spain	18	32	0.37	98.55
Sweden	19	32	0.37	98.91
Argentina	20	29	0.33	99.24
Israel	21	28	0.32	99.56
China	22	13	0.15	99.71
South Korea	23	13	0.15	99.86
Morocco	24	11	0.13	99.99
South Africa	25	1	0.01	100.00
<b>Total</b>		<b>8,730</b>	<b>100.00</b>	<b>100.00</b>

Source: Philip M. Parker, INSEAD, copyright 2015, [www.icongrouponline.com](http://www.icongrouponline.com)

## 4.15 LATVIA

### Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide Exports from Latvia, 2016

Country of Destination	Rank	Value (000 US\$)	% Share	Cumulative %
Germany	1	142	100.00	100.00
<b>Total</b>		<b>142</b>	<b>100.00</b>	<b>100.00</b>

Source: Philip M. Parker, INSEAD, copyright 2015, [www.icongrouponline.com](http://www.icongrouponline.com)

## 4.16 LITHUANIA

### Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide Exports from Lithuania, 2016

Country of Destination	Rank	Value (000 US\$)	% Share	Cumulative %
Latvia	1	20	100.00	100.00
<b>Total</b>		<b>20</b>	<b>100.00</b>	<b>100.00</b>

Source: Philip M. Parker, INSEAD, copyright 2015, [www.icongrouponline.com](http://www.icongrouponline.com)

## 4.17 NORWAY

### Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide Exports from Norway, 2016

Country of Destination	Rank	Value (000 US\$)	% Share	Cumulative %
Austria	1	2,428	36.00	36.00
Brazil	2	1,397	20.71	56.71
Germany	3	666	9.87	66.58
South Africa	4	485	7.19	73.77
Belgium	5	376	5.57	79.35
the Netherlands	6	373	5.53	84.88
Slovenia	7	362	5.37	90.24
Sweden	8	299	4.43	94.68
Spain	9	205	3.04	97.72
Egypt	10	105	1.56	99.27
Denmark	11	49	0.73	100.00
<b>Total</b>		<b>6,745</b>	<b>100.00</b>	<b>100.00</b>

Source: Philip M. Parker, INSEAD, copyright 2015, [www.icongrouponline.com](http://www.icongrouponline.com)

## 4.18 POLAND

### Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide Exports from Poland, 2016

Country of Destination	Rank	Value (000 US\$)	% Share	Cumulative %
Czech Republic	1	11,149	97.63	97.63
Germany	2	97	0.85	98.48
Lithuania	3	52	0.46	98.93
Italy	4	52	0.46	99.39
Sweden	5	46	0.40	99.79
Greece	6	24	0.21	100.00
<b>Total</b>		<b>11,420</b>	<b>100.00</b>	<b>100.00</b>

Source: Philip M. Parker, INSEAD, copyright 2015, [www.icongrouponline.com](http://www.icongrouponline.com)

## 4.19 PORTUGAL

### Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide Exports from Portugal, 2016

Country of Destination	Rank	Value (000 US\$)	% Share	Cumulative %
Spain	1	338	100.00	100.00
<b>Total</b>		<b>338</b>	<b>100.00</b>	<b>100.00</b>

Source: Philip M. Parker, INSEAD, copyright 2015, [www.icongrouponline.com](http://www.icongrouponline.com)

## 4.20 ROMANIA

### Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide Exports from Romania, 2016

Country of Destination	Rank	Value (000 US\$)	% Share	Cumulative %
Italy	1	696	99.00	99.00
Austria	2	7	1.00	100.00
<b>Total</b>		<b>703</b>	<b>100.00</b>	<b>100.00</b>

Source: Philip M. Parker, INSEAD, copyright 2015, [www.icongrouponline.com](http://www.icongrouponline.com)

## 4.21 RUSSIA

### Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide Exports from Russia, 2016

Country of Destination	Rank	Value (000 US\$)	% Share	Cumulative %
Ukraine	1	60,348	57.56	57.56
the United States	2	10,649	10.16	67.72
Kazakhstan	3	5,888	5.62	73.33
the Netherlands	4	4,783	4.56	77.89
Belarus	5	4,680	4.46	82.36
Spain	6	3,802	3.63	85.98
Germany	7	3,561	3.40	89.38
France	8	3,384	3.23	92.61
Latvia	9	3,239	3.09	95.70
Slovakia	10	1,784	1.70	97.40
Azerbaijan	11	1,564	1.49	98.89
Poland	12	832	0.79	99.68
Austria	13	310	0.30	99.98
Armenia	14	11	0.01	99.99
Lithuania	15	11	0.01	100.00
<b>Total</b>		<b>104,846</b>	<b>100.00</b>	<b>100.00</b>

Source: Philip M. Parker, INSEAD, copyright 2015, [www.icongrouponline.com](http://www.icongrouponline.com)

## 4.22 SLOVAKIA

### Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide Exports from Slovakia, 2016

Country of Destination	Rank	Value (000 US\$)	% Share	Cumulative %
Ukraine	1	47,594	42.24	42.24
Czech Republic	2	16,321	14.48	56.72
Russia	3	12,253	10.87	67.59
Poland	4	10,902	9.67	77.27
Austria	5	8,398	7.45	84.72
Germany	6	3,965	3.52	88.24
Italy	7	3,079	2.73	90.97
Turkey	8	1,867	1.66	92.63
the United States	9	1,115	0.99	93.62
Finland	10	923	0.82	94.44
Kazakhstan	11	892	0.79	95.23
Greece	12	672	0.60	95.83
France	13	619	0.55	96.37
Belarus	14	595	0.53	96.90
Bulgaria	15	565	0.50	97.40
Romania	16	484	0.43	97.83
Israel	17	383	0.34	98.17
Latvia	18	366	0.32	98.50
Lithuania	19	337	0.30	98.80
Slovenia	20	330	0.29	99.09
India	21	205	0.18	99.27
Hungary	22	199	0.18	99.45
Sweden	23	171	0.15	99.60
Spain	24	166	0.15	99.75
South Africa	25	159	0.14	99.89
Azerbaijan	26	79	0.07	99.96
Belgium	27	36	0.03	99.99
Croatia	28	10	0.01	100.00
<b>Total</b>		<b>112,685</b>	<b>100.00</b>	<b>100.00</b>

Source: Philip M. Parker, INSEAD, copyright 2015, [www.icongrouponline.com](http://www.icongrouponline.com)

## 4.23 SLOVENIA

### Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide Exports from Slovenia, 2016

Country of Destination	Rank	Value (000 US\$)	% Share	Cumulative %
Italy	1	864	73.03	73.03
Austria	2	202	17.08	90.11
Turkey	3	46	3.89	94.00
Germany	4	46	3.89	97.89
Croatia	5	14	1.18	99.07
Bulgaria	6	11	0.93	100.00
<b>Total</b>		<b>1,183</b>	<b>100.00</b>	<b>100.00</b>

Source: Philip M. Parker, INSEAD, copyright 2015, [www.icongrouponline.com](http://www.icongrouponline.com)

## 4.24 SPAIN

### Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide Exports from Spain, 2016

Country of Destination	Rank	Value (000 US\$)	% Share	Cumulative %
France	1	15,815	19.34	19.34
Germany	2	13,986	17.10	36.44
Ireland	3	10,592	12.95	49.39
the United States	4	7,528	9.20	58.59
Egypt	5	5,035	6.16	64.75
Turkey	6	4,130	5.05	69.80
the Netherlands	7	3,462	4.23	74.03
Morocco	8	3,333	4.08	78.11
Portugal	9	3,211	3.93	82.03
Canada	10	3,182	3.89	85.92
Finland	11	1,728	2.11	88.04
Sweden	12	1,496	1.83	89.87
Italy	13	1,031	1.26	91.13
Belgium	14	894	1.09	92.22
South Africa	15	600	0.73	92.95
Costa Rica	16	570	0.70	93.65
Brazil	17	560	0.68	94.34
Norway	18	550	0.67	95.01
Poland	19	532	0.65	95.66
Mexico	20	515	0.63	96.29
Israel	21	404	0.49	96.78
Argentina	22	362	0.44	97.22
Thailand	23	352	0.43	97.65
Chile	24	342	0.42	98.07
Czech Republic	25	337	0.41	98.49
Colombia	26	309	0.38	98.86
Nigeria	27	224	0.27	99.14
India	28	223	0.27	99.41
Ecuador	29	167	0.20	99.61
Russia	30	88	0.11	99.72
Other	31	228	0.28	100.00
<b>Total</b>		<b>81,786</b>	<b>100.00</b>	<b>100.00</b>

Source: Philip M. Parker, INSEAD, copyright 2015, [www.icongrouponline.com](http://www.icongrouponline.com)



## 4.25 SWEDEN

### Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide Exports from Sweden, 2016

Country of Destination	Rank	Value (000 US\$)	% Share	Cumulative %
Denmark	1	262	29.05	29.05
Germany	2	251	27.83	56.87
Finland	3	236	26.16	83.04
Norway	4	115	12.75	95.79
Czech Republic	5	27	2.99	98.78
Poland	6	11	1.22	100.00
<b>Total</b>		<b>902</b>	<b>100.00</b>	<b>100.00</b>

Source: Philip M. Parker, INSEAD, copyright 2015, [www.icongrouponline.com](http://www.icongrouponline.com)

## 4.26 THE NETHERLANDS

### Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide Exports from the Netherlands, 2016

Country of Destination	Rank	Value (000 US\$)	% Share	Cumulative %
Germany	1	67,174	38.06	38.06
Spain	2	22,139	12.54	50.61
Austria	3	18,657	10.57	61.18
Turkey	4	10,680	6.05	67.23
Italy	5	7,563	4.29	71.51
the United States	6	7,134	4.04	75.55
India	7	7,083	4.01	79.57
Russia	8	6,056	3.43	83.00
Slovakia	9	4,804	2.72	85.72
France	10	4,186	2.37	88.09
Poland	11	3,885	2.20	90.29
Thailand	12	2,879	1.63	91.93
Belgium	13	2,348	1.33	93.26
Slovenia	14	2,215	1.26	94.51
Norway	15	1,222	0.69	95.20
Portugal	16	1,084	0.61	95.82
Japan	17	898	0.51	96.33
Ukraine	18	884	0.50	96.83
Brazil	19	822	0.47	97.29
Finland	20	668	0.38	97.67
South Africa	21	657	0.37	98.04
Sweden	22	606	0.34	98.39
Malaysia	23	554	0.31	98.70
Romania	24	522	0.30	99.00
China	25	396	0.22	99.22
Taiwan	26	234	0.13	99.35
Latvia	27	156	0.09	99.44
Argentina	28	153	0.09	99.53
Morocco	29	140	0.08	99.61
Israel	30	128	0.07	99.68
Other	31	563	0.32	100.00
<b>Total</b>		<b>176,490</b>	<b>100.00</b>	<b>100.00</b>

Source: Philip M. Parker, INSEAD, copyright 2015, [www.icongrouponline.com](http://www.icongrouponline.com)

## 4.27 UKRAINE

### Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide Exports from Ukraine, 2016

Country of Destination	Rank	Value (000 US\$)	% Share	Cumulative %
the United States	1	19,719	99.99	99.99
Azerbaijan	2	1	0.01	100.00
<b>Total</b>		<b>19,720</b>	<b>100.00</b>	<b>100.00</b>

Source: Philip M. Parker, INSEAD, copyright 2015, [www.icongrouponline.com](http://www.icongrouponline.com)

## 5 LATIN AMERICA: EXPORT SUPPLIES OF FUSED MAGNESIA, DEAD-BURNED (SINTERED) MAGNESIA, AND MAGNESIUM OXIDE

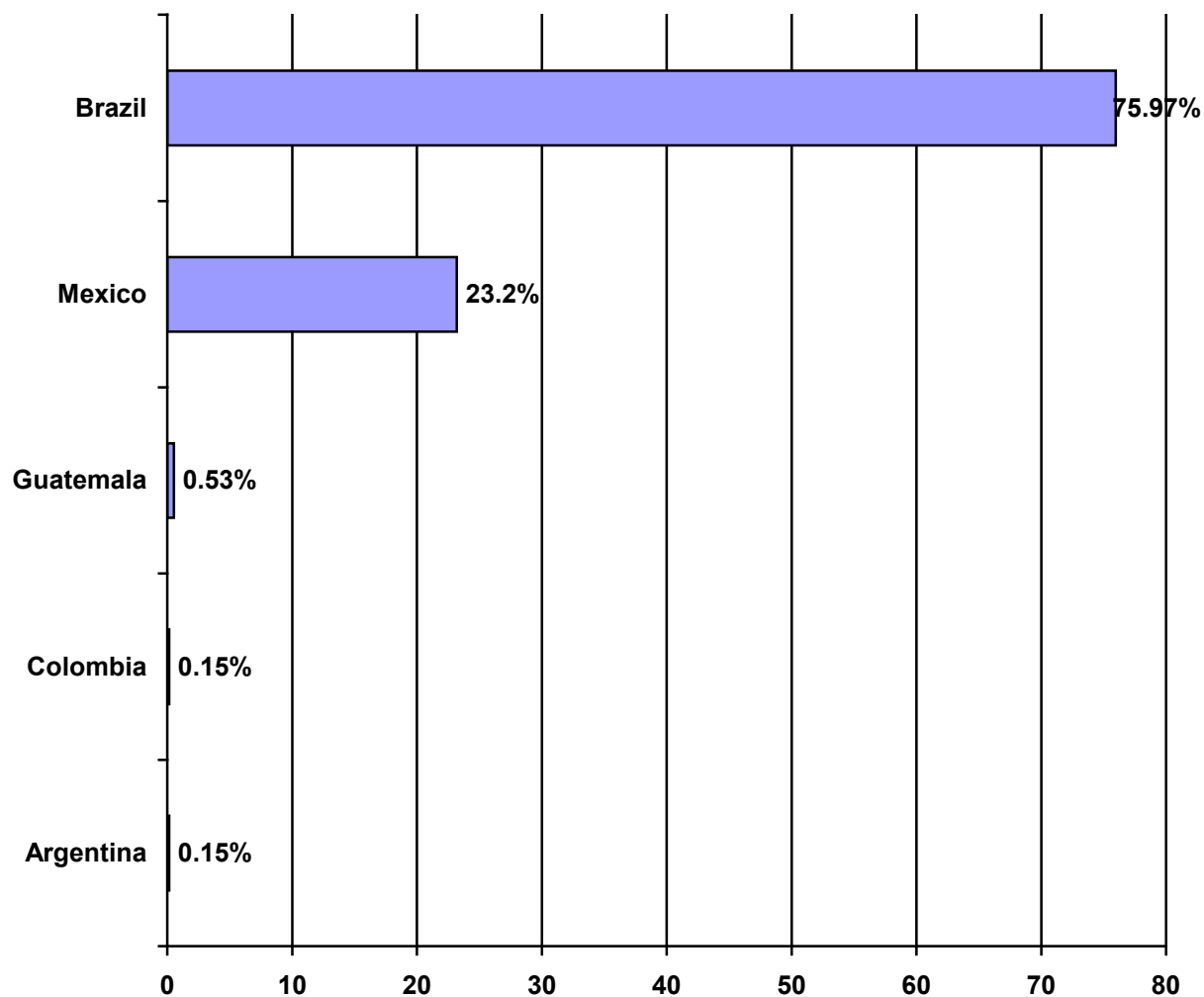
### 5.1 EXECUTIVE SUMMARY

The following tables and graphs summarize the export supplies in Latin America of fused magnesia, dead-burned (sintered) magnesia, and magnesium oxide:

#### Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide Export Supplies from Latin America: 2016

Exporters	Rank	Value (000 US\$)	% of Latin America	Cumulative %
Brazil	1	102,377	75.97	75.97
Mexico	2	31,266	23.20	99.17
Guatemala	3	709	0.53	99.70
Colombia	4	205	0.15	99.85
Argentina	5	202	0.15	100.00
<b>Total</b>		<b>134,759</b>	<b>100.00</b>	<b>100.00</b>

Source: Philip M. Parker, INSEAD, copyright 2015, [www.icongrouponline.com](http://www.icongrouponline.com)

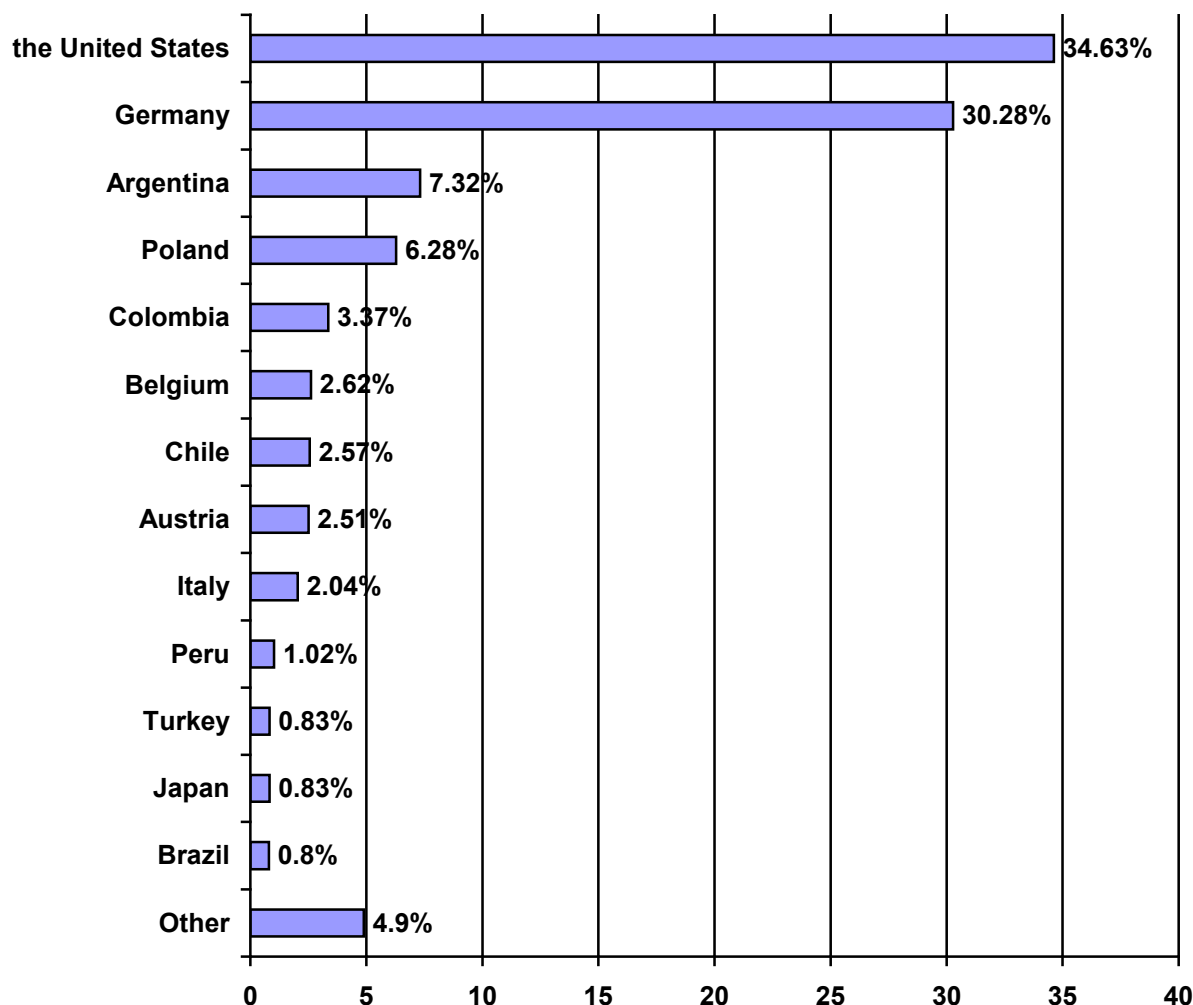
**Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide Export Supplies from Latin America: 2016**

**Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide Exports  
from Latin America by Country of Destination: 2016**

<b>Country of Destination</b>	<b>Rank</b>	<b>Value (000 US\$)</b>	<b>% Share</b>	<b>Cumulative %</b>
the United States	1	46,672	34.63	34.63
Germany	2	40,804	30.28	64.91
Argentina	3	9,871	7.32	72.24
Poland	4	8,469	6.28	78.52
Colombia	5	4,547	3.37	81.90
Belgium	6	3,534	2.62	84.52
Chile	7	3,457	2.57	87.08
Austria	8	3,388	2.51	89.60
Italy	9	2,751	2.04	91.64
Peru	10	1,376	1.02	92.66
Turkey	11	1,118	0.83	93.49
Japan	12	1,117	0.83	94.32
Brazil	13	1,084	0.80	95.12
Ecuador	14	1,026	0.76	95.89
Russia	15	971	0.72	96.61
Canada	16	836	0.62	97.23
Costa Rica	17	574	0.43	97.65
China	18	443	0.33	97.98
India	19	435	0.32	98.30
Uruguay	20	397	0.29	98.60
the Netherlands	21	354	0.26	98.86
Romania	22	285	0.21	99.07
Spain	23	234	0.17	99.25
Australia	24	231	0.17	99.42
Nicaragua	25	191	0.14	99.56
Other	26	594	0.44	100.00
<b>Total</b>		<b>134,759</b>	<b>100.00</b>	<b>100.00</b>

Source: Philip M. Parker, INSEAD, copyright 2015, [www.icongrouponline.com](http://www.icongrouponline.com)

**Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide Exports from Latin America by Country of Destination: 2016**



## 5.2 ARGENTINA

**Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide Exports from Argentina, 2016**

Country of Destination	Rank	Value (000 US\$)	% Share	Cumulative %
Belgium	1	107	52.97	52.97
Paraguay	2	95	47.03	100.00
<b>Total</b>		<b>202</b>	<b>100.00</b>	<b>100.00</b>

Source: Philip M. Parker, INSEAD, copyright 2015, [www.icongrouponline.com](http://www.icongrouponline.com)

### 5.3 BRAZIL

#### Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide Exports from Brazil, 2016

Country of Destination	Rank	Value (000 US\$)	% Share	Cumulative %
the United States	1	39,005	38.10	38.10
Germany	2	36,880	36.02	74.12
Argentina	3	9,579	9.36	83.48
Poland	4	8,323	8.13	91.61
Colombia	5	4,111	4.02	95.62
Chile	6	1,118	1.09	96.72
Peru	7	1,048	1.02	97.74
Ecuador	8	908	0.89	98.63
Uruguay	9	397	0.39	99.02
the Netherlands	10	354	0.35	99.36
Canada	11	182	0.18	99.54
Japan	12	160	0.16	99.70
Bolivia	13	98	0.10	99.79
Costa Rica	14	56	0.05	99.85
Paraguay	15	48	0.05	99.89
Mexico	16	43	0.04	99.93
Italy	17	34	0.03	99.97
Ireland	18	20	0.02	99.99
South Africa	19	13	0.01	100.00
<b>Total</b>		<b>102,377</b>	<b>100.00</b>	<b>100.00</b>

Source: Philip M. Parker, INSEAD, copyright 2015, [www.icongrouponline.com](http://www.icongrouponline.com)

### 5.4 COLOMBIA

#### Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide Exports from Colombia, 2016

Country of Destination	Rank	Value (000 US\$)	% Share	Cumulative %
Colombia	1	205	100.00	100.00
<b>Total</b>		<b>205</b>	<b>100.00</b>	<b>100.00</b>

Source: Philip M. Parker, INSEAD, copyright 2015, [www.icongrouponline.com](http://www.icongrouponline.com)



## 5.5 GUATEMALA

### Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide Exports from Guatemala, 2016

Country of Destination	Rank	Value (000 US\$)	% Share	Cumulative %
Costa Rica	1	518	73.06	73.06
Nicaragua	2	191	26.94	100.00
<b>Total</b>		<b>709</b>	<b>100.00</b>	<b>100.00</b>

Source: Philip M. Parker, INSEAD, copyright 2015, [www.icongrouponline.com](http://www.icongrouponline.com)

## 5.6 MEXICO

### Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide Exports from Mexico, 2016

Country of Destination	Rank	Value (000 US\$)	% Share	Cumulative %
the United States	1	7,667	24.52	24.52
Germany	2	3,924	12.55	37.07
Belgium	3	3,427	10.96	48.03
Austria	4	3,388	10.84	58.87
Italy	5	2,717	8.69	67.56
Chile	6	2,339	7.48	75.04
Turkey	7	1,118	3.58	78.62
Brazil	8	1,084	3.47	82.08
Russia	9	971	3.11	85.19
Japan	10	957	3.06	88.25
Canada	11	654	2.09	90.34
China	12	443	1.42	91.76
India	13	435	1.39	93.15
Peru	14	328	1.05	94.20
Argentina	15	292	0.93	95.13
Romania	16	285	0.91	96.04
Spain	17	234	0.75	96.79
Colombia	18	231	0.74	97.53
Australia	19	231	0.74	98.27
Poland	20	146	0.47	98.74
France	21	142	0.45	99.19
Ecuador	22	118	0.38	99.57
Taiwan	23	114	0.36	99.93
Slovenia	24	21	0.07	100.00
<b>Total</b>		<b>31,266</b>	<b>100.00</b>	<b>100.00</b>

Source: Philip M. Parker, INSEAD, copyright 2015, [www.icongrouponline.com](http://www.icongrouponline.com)

## 6 NORTH AMERICA & THE CARIBBEAN: EXPORT SUPPLIES OF FUSED MAGNESIA, DEAD-BURNED (SINTERED) MAGNESIA, AND MAGNESIUM OXIDE

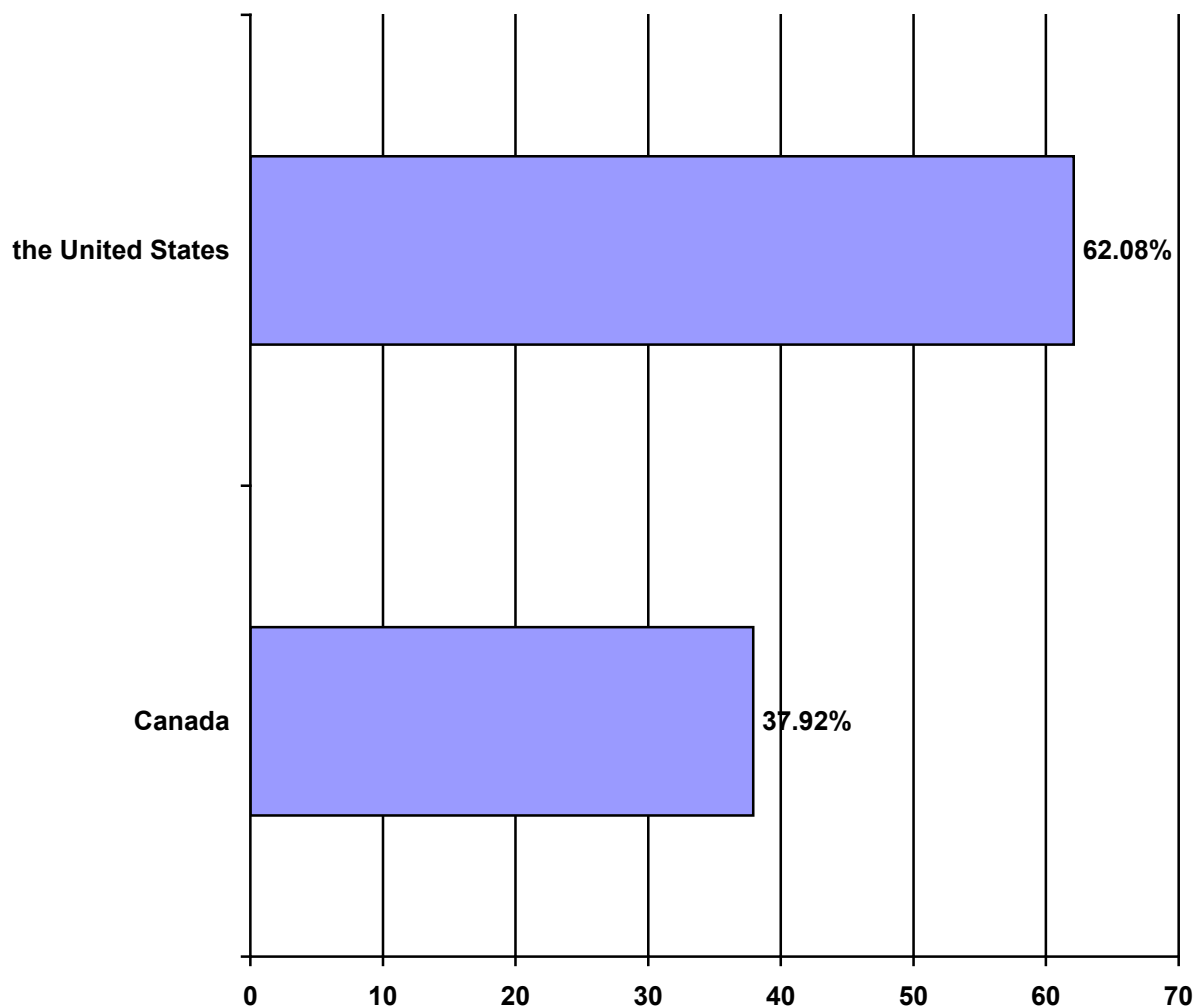
### 6.1 EXECUTIVE SUMMARY

The following tables and graphs summarize the export supplies in North America & the Caribbean of fused magnesia, dead-burned (sintered) magnesia, and magnesium oxide:

#### **Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide Export Supplies from North America & the Caribbean: 2016**

<b>Exporters</b>	<b>Rank</b>	<b>Value (000 US\$)</b>	<b>% of North America &amp; the Caribbean</b>	<b>Cumulative</b>
<b>%</b>				
the United States	1	39,955	62.08	62.08
Canada	2	24,404	37.92	100.00
<b>Total</b>		<b>64,359</b>	<b>100.00</b>	<b>100.00</b>

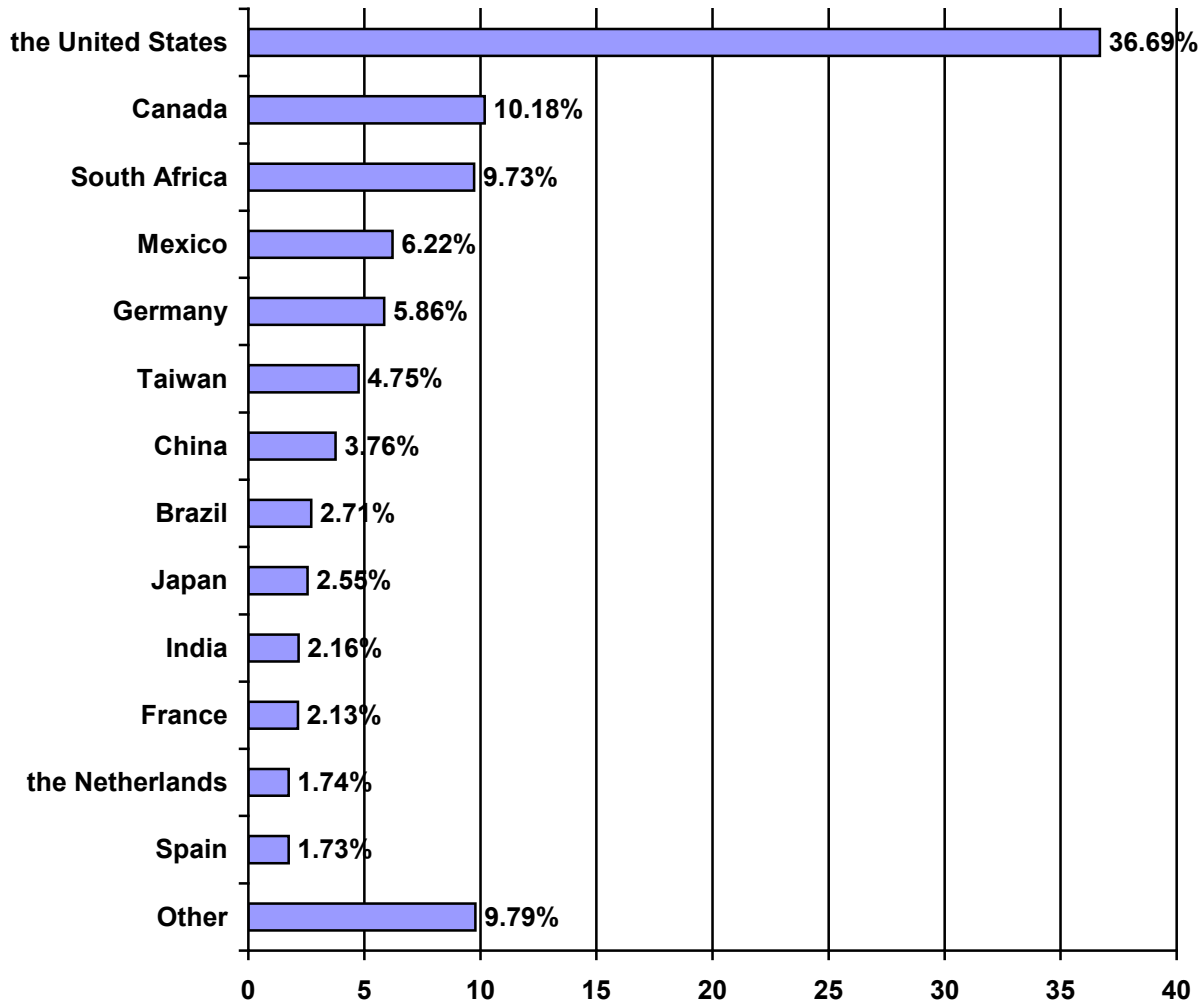
Source: Philip M. Parker, INSEAD, copyright 2015, [www.icongrouponline.com](http://www.icongrouponline.com)

**Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide Export Supplies from North America & the Caribbean: 2016**

**Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide Exports  
from North America & the Caribbean by Country of Destination: 2016**

<b>Country of Destination</b>	<b>Rank</b>	<b>Value (000 US\$)</b>	<b>% Share</b>	<b>Cumulative %</b>
the United States	1	23,611	36.69	36.69
Canada	2	6,553	10.18	46.87
South Africa	3	6,264	9.73	56.60
Mexico	4	4,004	6.22	62.82
Germany	5	3,772	5.86	68.68
Taiwan	6	3,059	4.75	73.44
China	7	2,418	3.76	77.19
Brazil	8	1,747	2.71	79.91
Japan	9	1,642	2.55	82.46
India	10	1,390	2.16	84.62
France	11	1,373	2.13	86.75
the Netherlands	12	1,121	1.74	88.49
Spain	13	1,111	1.73	90.22
South Korea	14	1,027	1.60	91.82
Italy	15	730	1.13	92.95
Thailand	16	676	1.05	94.00
Peru	17	426	0.66	94.66
Norway	18	345	0.54	95.20
Colombia	19	328	0.51	95.71
Vietnam	20	306	0.48	96.18
Turkey	21	241	0.37	96.56
Singapore	22	238	0.37	96.93
Poland	23	178	0.28	97.20
Russia	24	163	0.25	97.46
Argentina	25	146	0.23	97.68
Other	26	1,490	2.32	100.00
<b>Total</b>		<b>64,359</b>	<b>100.00</b>	<b>100.00</b>

Source: Philip M. Parker, INSEAD, copyright 2015, [www.icongrouponline.com](http://www.icongrouponline.com)

**Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide Exports from North America & the Caribbean by Country of Destination: 2016**

## 6.2 CANADA

### Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide Exports from Canada, 2016

Country of Destination	Rank	Value (000 US\$)	% Share	Cumulative %
the United States	1	23,611	96.75	96.75
Japan	2	414	1.70	98.45
Taiwan	3	217	0.89	99.34
Colombia	4	122	0.50	99.84
Malaysia	5	38	0.16	99.99
Belgium	6	1	0.00	100.00
China	7	1	0.00	100.00
<b>Total</b>		<b>24,404</b>	<b>100.00</b>	<b>100.00</b>

Source: Philip M. Parker, INSEAD, copyright 2015, [www.icongrouponline.com](http://www.icongrouponline.com)

## 6.3 THE UNITED STATES

### Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide Exports from the United States, 2016

Country of Destination	Rank	Value (000 US\$)	% Share	Cumulative %
Canada	1	6,553	16.40	16.40
South Africa	2	6,264	15.68	32.08
Mexico	3	4,004	10.02	42.10
Germany	4	3,772	9.44	51.54
Taiwan	5	2,842	7.11	58.65
China	6	2,417	6.05	64.70
Brazil	7	1,747	4.37	69.08
India	8	1,390	3.48	72.55
France	9	1,373	3.44	75.99
Japan	10	1,228	3.07	79.06
the Netherlands	11	1,121	2.81	81.87
Spain	12	1,111	2.78	84.65
South Korea	13	1,027	2.57	87.22
Italy	14	730	1.83	89.05
Thailand	15	676	1.69	90.74
Peru	16	426	1.07	91.81
Norway	17	345	0.86	92.67
Vietnam	18	306	0.77	93.44
Turkey	19	241	0.60	94.04
Singapore	20	238	0.60	94.63
Colombia	21	206	0.52	95.15
Poland	22	178	0.45	95.60
Russia	23	163	0.41	96.00
Argentina	24	146	0.37	96.37
Chile	25	144	0.36	96.73
Israel	26	135	0.34	97.07
Azerbaijan	27	115	0.29	97.35
New Zealand	28	111	0.28	97.63
Sweden	29	105	0.26	97.90
Australia	30	102	0.26	98.15
Other	31	739	1.85	100.00
<b>Total</b>		<b>39,955</b>	<b>100.00</b>	<b>100.00</b>

Source: Philip M. Parker, INSEAD, copyright 2015, [www.icongrouponline.com](http://www.icongrouponline.com)

## 7 OCEANA: EXPORT SUPPLIES OF FUSED MAGNESIA, DEAD-BURNED (SINTERED) MAGNESIA, AND MAGNESIUM OXIDE

### 7.1 EXECUTIVE SUMMARY

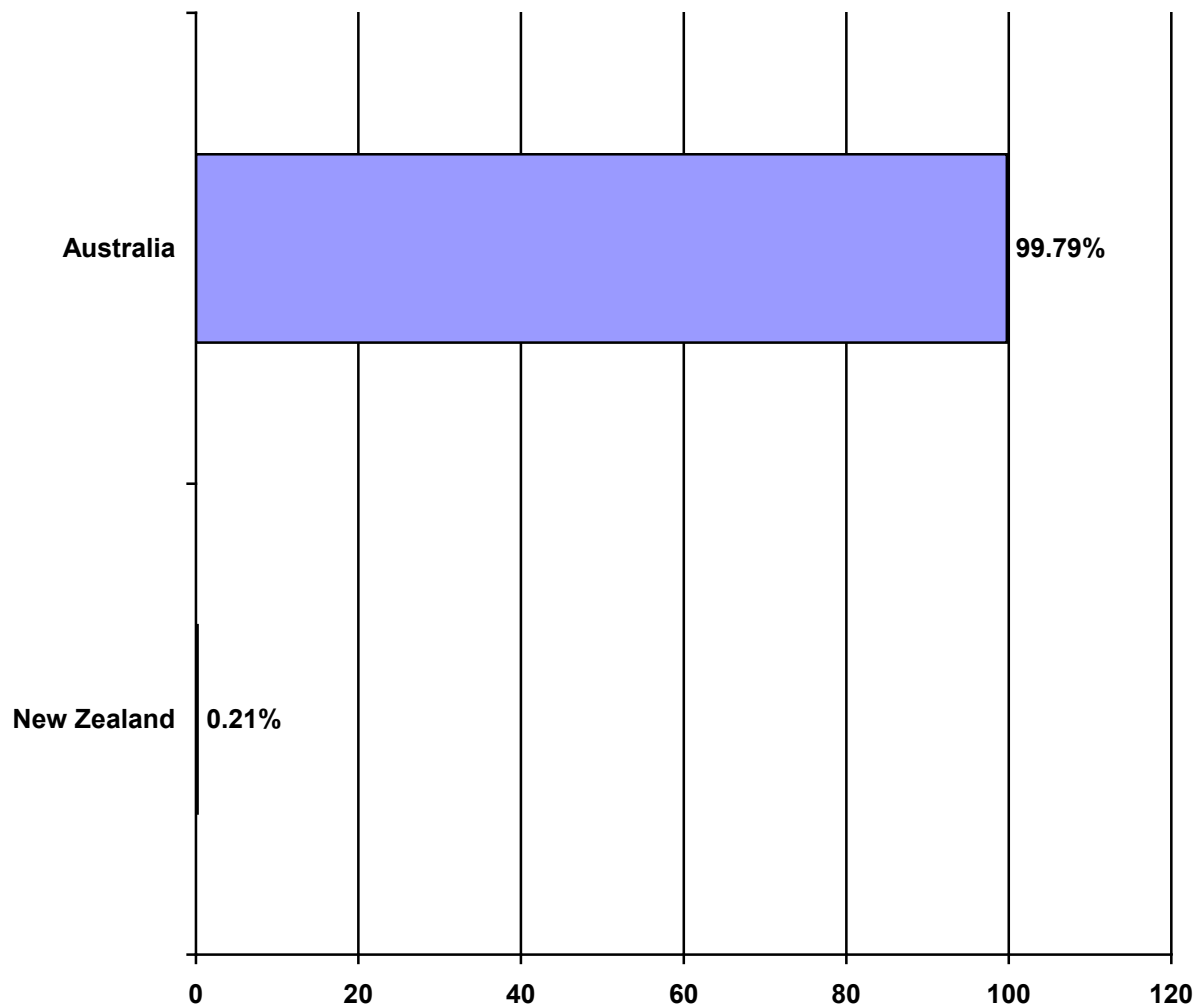
The following tables and graphs summarize the export supplies in Oceana of fused magnesia, dead-burned (sintered) magnesia, and magnesium oxide:

#### **Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide Export Supplies from Oceana: 2016**

Exporters	Rank	Value (000 US\$)	% of Oceana	Cumulative %
Australia	1	150,452	99.79	99.79
New Zealand	2	316	0.21	100.00
<b>Total</b>		<b>150,768</b>	<b>100.00</b>	<b>100.00</b>

Source: Philip M. Parker, INSEAD, copyright 2015, [www.icongrouponline.com](http://www.icongrouponline.com)

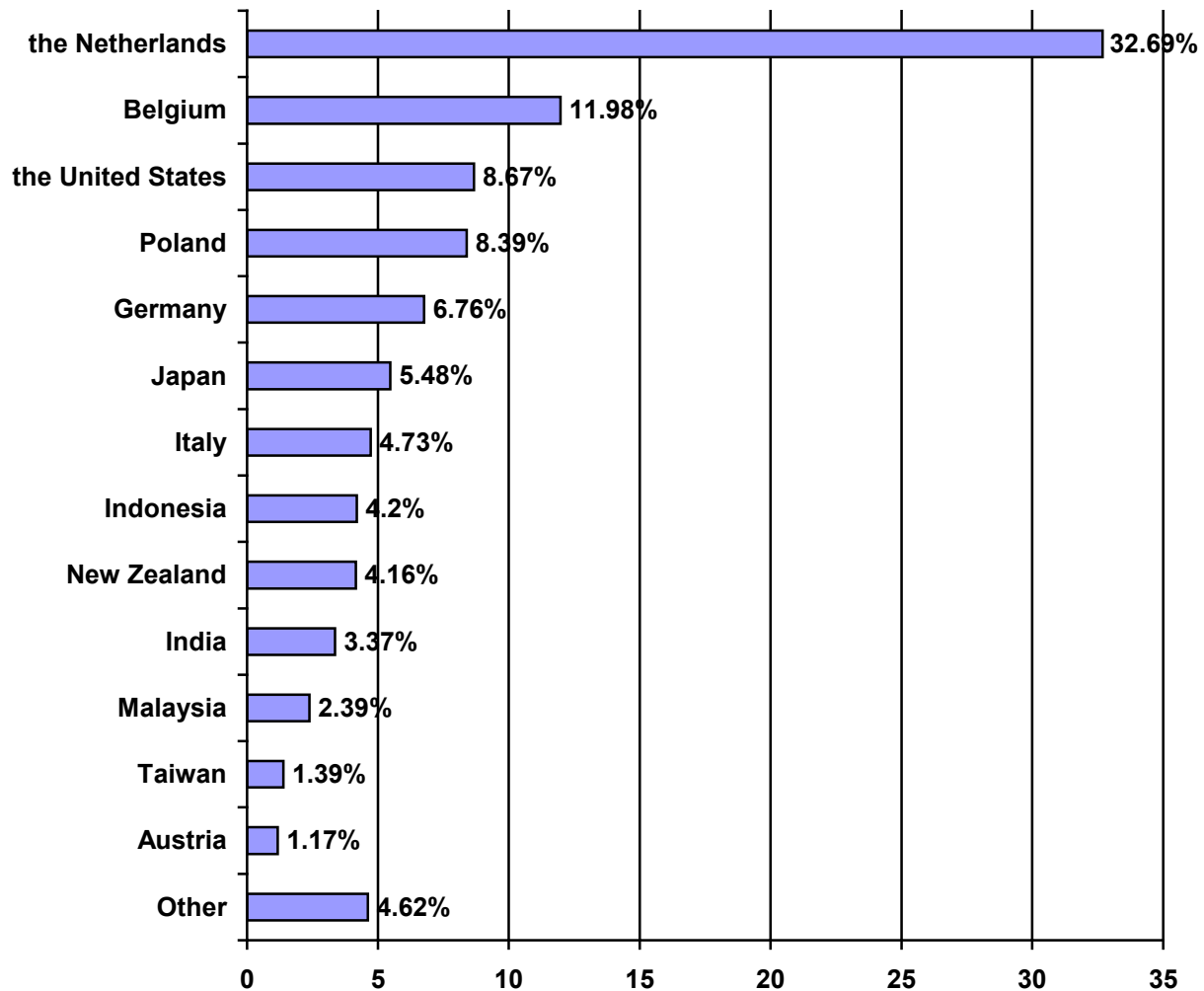


**Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide Export Supplies from Oceania:  
2016**

**Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide Exports  
from Oceania by Country of Destination: 2016**

<b>Country of Destination</b>	<b>Rank</b>	<b>Value (000 US\$)</b>	<b>% Share</b>	<b>Cumulative %</b>
the Netherlands	1	49,279	32.69	32.69
Belgium	2	18,058	11.98	44.66
the United States	3	13,078	8.67	53.34
Poland	4	12,653	8.39	61.73
Germany	5	10,198	6.76	68.49
Japan	6	8,258	5.48	73.97
Italy	7	7,137	4.73	78.70
Indonesia	8	6,334	4.20	82.91
New Zealand	9	6,271	4.16	87.06
India	10	5,080	3.37	90.43
Malaysia	11	3,603	2.39	92.82
Taiwan	12	2,095	1.39	94.21
Austria	13	1,768	1.17	95.39
Brazil	14	1,519	1.01	96.39
Turkey	15	1,223	0.81	97.20
South Africa	16	923	0.61	97.82
Spain	17	772	0.51	98.33
Ireland	18	745	0.49	98.82
Slovakia	19	487	0.32	99.15
Canada	20	442	0.29	99.44
Australia	21	316	0.21	99.65
France	22	281	0.19	99.84
Philippines	23	152	0.10	99.94
Singapore	24	42	0.03	99.96
China	25	25	0.02	99.98
Other	26	29	0.02	100.00
<b>Total</b>		<b>150,768</b>	<b>100.00</b>	<b>100.00</b>

Source: Philip M. Parker, INSEAD, copyright 2015, [www.icongrouponline.com](http://www.icongrouponline.com)

**Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide Exports from Oceana by Country of Destination: 2016**

## 7.2 AUSTRALIA

### Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide Exports from Australia, 2016

Country of Destination	Rank	Value (000 US\$)	% Share	Cumulative %
the Netherlands	1	49,279	32.75	32.75
Belgium	2	18,058	12.00	44.76
the United States	3	13,078	8.69	53.45
Poland	4	12,653	8.41	61.86
Germany	5	10,198	6.78	68.64
Japan	6	8,258	5.49	74.13
Italy	7	7,137	4.74	78.87
Indonesia	8	6,334	4.21	83.08
New Zealand	9	6,271	4.17	87.25
India	10	5,080	3.38	90.62
Malaysia	11	3,603	2.39	93.02
Taiwan	12	2,095	1.39	94.41
Austria	13	1,768	1.18	95.59
Brazil	14	1,519	1.01	96.60
Turkey	15	1,223	0.81	97.41
South Africa	16	923	0.61	98.02
Spain	17	772	0.51	98.54
Ireland	18	745	0.50	99.03
Slovakia	19	487	0.32	99.35
Canada	20	442	0.29	99.65
France	21	281	0.19	99.84
Philippines	22	152	0.10	99.94
Singapore	23	42	0.03	99.96
China	24	25	0.02	99.98
Vietnam	25	21	0.01	99.99
Mali	26	7	0.00	100.00
Russia	27	1	0.00	100.00
<b>Total</b>		<b>150,452</b>	<b>100.00</b>	<b>100.00</b>

Source: Philip M. Parker, INSEAD, copyright 2015, [www.icongrouponline.com](http://www.icongrouponline.com)

### 7.3 NEW ZEALAND

#### Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide Exports from New Zealand, 2016

Country of Destination	Rank	Value (000 US\$)	% Share	Cumulative %
Australia	1	316	100.00	100.00
<b>Total</b>		<b>316</b>	<b>100.00</b>	<b>100.00</b>

Source: Philip M. Parker, INSEAD, copyright 2015, [www.icongrouponline.com](http://www.icongrouponline.com)

## 8 THE MIDDLE EAST: EXPORT SUPPLIES OF FUSED MAGNESIA, DEAD-BURNED (SINTERED) MAGNESIA, AND MAGNESIUM OXIDE

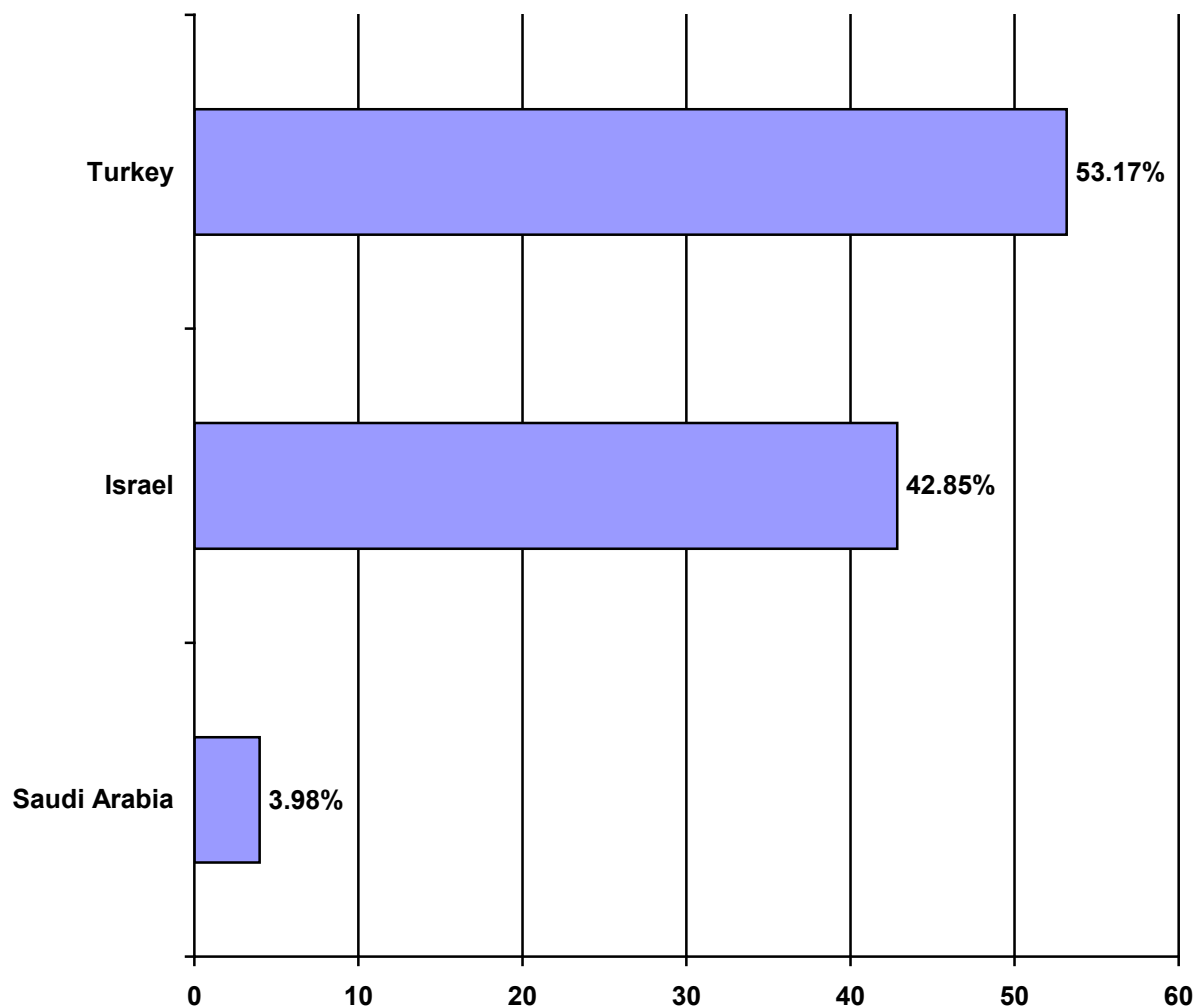
### 8.1 EXECUTIVE SUMMARY

The following tables and graphs summarize the export supplies in the Middle East of fused magnesia, dead-burned (sintered) magnesia, and magnesium oxide:

#### **Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide Export Supplies from the Middle East: 2016**

<b>Exporters</b>	<b>Rank</b>	<b>Value (000 US\$)</b>	<b>% of the Middle East</b>	<b>Cumulative %</b>
Turkey	1	128,017	53.17	53.17
Israel	2	103,152	42.85	96.02
Saudi Arabia	3	9,578	3.98	100.00
<b>Total</b>		<b>240,747</b>	<b>100.00</b>	<b>100.00</b>

Source: Philip M. Parker, INSEAD, copyright 2015, [www.icongrouponline.com](http://www.icongrouponline.com)

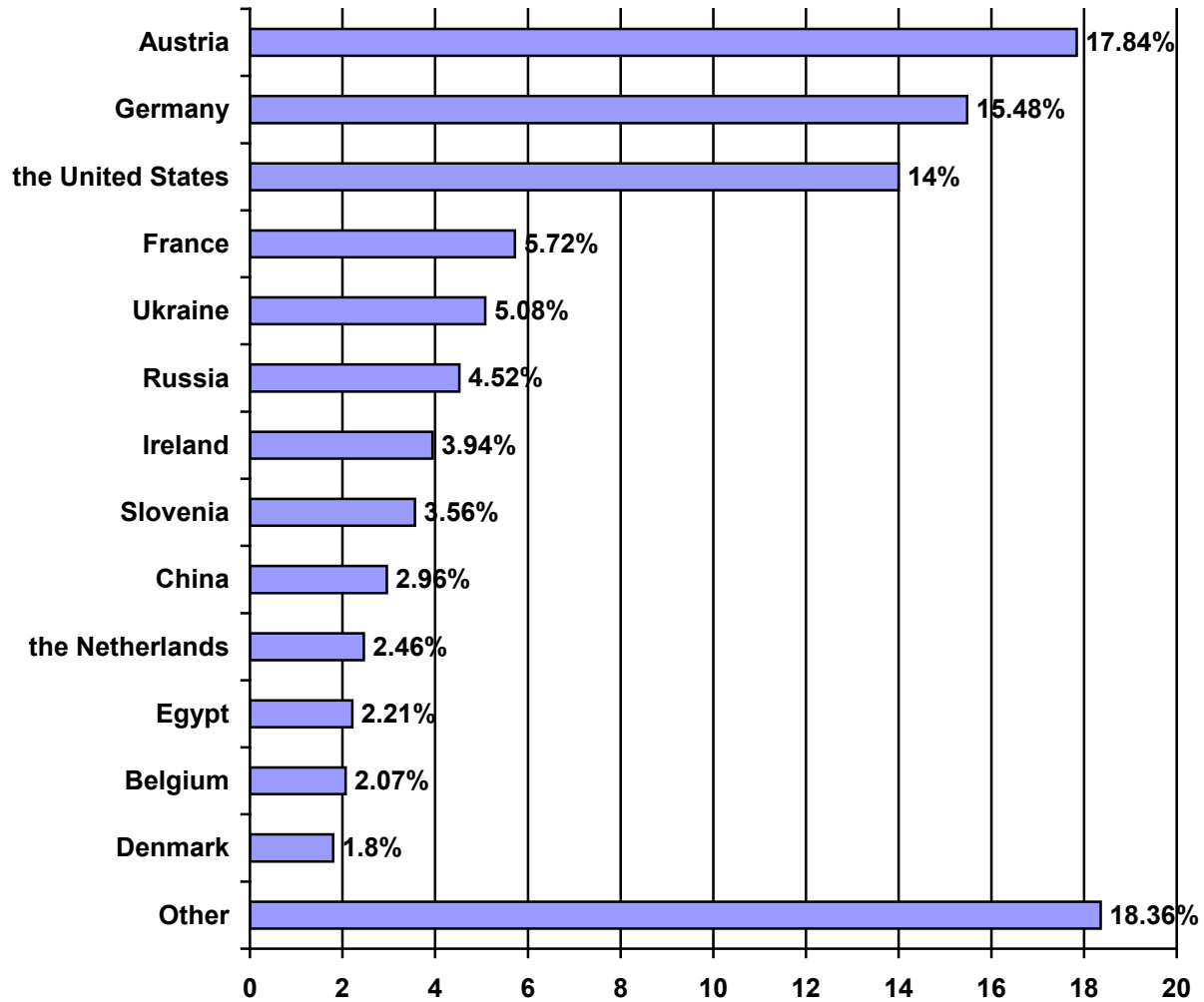
**Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide Export Supplies from the Middle East: 2016**

**Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide Exports  
from the Middle East by Country of Destination: 2016**

<b>Country of Destination</b>	<b>Rank</b>	<b>Value (000 US\$)</b>	<b>% Share</b>	<b>Cumulative %</b>
Austria	1	42,951	17.84	17.84
Germany	2	37,262	15.48	33.32
the United States	3	33,711	14.00	47.32
France	4	13,764	5.72	53.04
Ukraine	5	12,220	5.08	58.11
Russia	6	10,888	4.52	62.64
Ireland	7	9,486	3.94	66.58
Slovenia	8	8,580	3.56	70.14
China	9	7,127	2.96	73.10
the Netherlands	10	5,929	2.46	75.56
Egypt	11	5,328	2.21	77.78
Belgium	12	4,974	2.07	79.84
Denmark	13	4,325	1.80	81.64
Brazil	14	3,939	1.64	83.28
Czech Republic	15	3,757	1.56	84.84
Italy	16	3,732	1.55	86.39
Poland	17	3,347	1.39	87.78
South Korea	18	3,255	1.35	89.13
South Africa	19	2,799	1.16	90.29
Romania	20	2,740	1.14	91.43
Sweden	21	2,224	0.92	92.35
Canada	22	2,166	0.90	93.25
Japan	23	2,131	0.89	94.14
India	24	2,070	0.86	95.00
Georgia	25	1,630	0.68	95.68
Other	26	10,412	4.32	100.00
<b>Total</b>		<b>240,747</b>	<b>100.00</b>	<b>100.00</b>

Source: Philip M. Parker, INSEAD, copyright 2015, [www.icongrouponline.com](http://www.icongrouponline.com)



**Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide Exports from the Middle East by Country of Destination: 2016**

## 8.2 ISRAEL

### Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide Exports from Israel, 2016

Country of Destination	Rank	Value (000 US\$)	% Share	Cumulative %
the United States	1	24,760	24.00	24.00
Germany	2	13,488	13.08	37.08
France	3	12,630	12.24	49.32
Russia	4	10,888	10.56	59.88
China	5	7,057	6.84	66.72
the Netherlands	6	4,679	4.54	71.26
Denmark	7	4,325	4.19	75.45
Brazil	8	3,939	3.82	79.27
Czech Republic	9	3,757	3.64	82.91
South Korea	10	3,255	3.16	86.07
Poland	11	2,800	2.71	88.78
Sweden	12	1,755	1.70	90.48
Australia	13	1,372	1.33	91.81
Italy	14	1,313	1.27	93.08
Canada	15	1,277	1.24	94.32
Norway	16	1,059	1.03	95.35
India	17	758	0.73	96.08
Turkey	18	567	0.55	96.63
Singapore	19	492	0.48	97.11
Spain	20	480	0.47	97.58
Argentina	21	436	0.42	98.00
Japan	22	410	0.40	98.40
South Africa	23	354	0.34	98.74
Taiwan	24	262	0.25	98.99
Colombia	25	250	0.24	99.24
Vietnam	26	173	0.17	99.40
Ukraine	27	168	0.16	99.57
Honduras	28	149	0.14	99.71
Thailand	29	132	0.13	99.84
Chile	30	65	0.06	99.90
Other	31	102	0.10	100.00
<b>Total</b>		<b>103,152</b>	<b>100.00</b>	<b>100.00</b>

Source: Philip M. Parker, INSEAD, copyright 2015, [www.icongrouponline.com](http://www.icongrouponline.com)

### 8.3 SAUDI ARABIA

#### Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide Exports from Saudi Arabia, 2016

Country of Destination	Rank	Value (000 US\$)	% Share	Cumulative %
Germany	1	8,053	84.08	84.08
France	2	619	6.46	90.54
Poland	3	495	5.17	95.71
South Africa	4	168	1.75	97.46
Belgium	5	142	1.48	98.95
the Netherlands	6	59	0.62	99.56
Ireland	7	42	0.44	100.00
<b>Total</b>		<b>9,578</b>	<b>100.00</b>	<b>100.00</b>

Source: Philip M. Parker, INSEAD, copyright 2015, [www.icongrouponline.com](http://www.icongrouponline.com)

## 8.4 TURKEY

### Fused Magnesia, Dead-Burned (Sintered) Magnesia, and Magnesium Oxide Exports from Turkey, 2016

Country of Destination	Rank	Value (000 US\$)	% Share	Cumulative %
Austria	1	42,951	33.55	33.55
Germany	2	15,721	12.28	45.83
Ukraine	3	12,052	9.41	55.25
Ireland	4	9,444	7.38	62.62
the United States	5	8,951	6.99	69.61
Slovenia	6	8,580	6.70	76.32
Egypt	7	5,328	4.16	80.48
Belgium	8	4,819	3.76	84.24
Romania	9	2,740	2.14	86.38
Italy	10	2,419	1.89	88.27
South Africa	11	2,277	1.78	90.05
Japan	12	1,721	1.34	91.40
Georgia	13	1,630	1.27	92.67
India	14	1,312	1.02	93.69
Mexico	15	1,246	0.97	94.67
the Netherlands	16	1,191	0.93	95.60
Slovakia	17	1,052	0.82	96.42
Canada	18	889	0.69	97.11
Hungary	19	776	0.61	97.72
Spain	20	739	0.58	98.30
France	21	515	0.40	98.70
Sweden	22	469	0.37	99.07
Argentina	23	450	0.35	99.42
Taiwan	24	180	0.14	99.56
Pakistan	25	144	0.11	99.67
Chile	26	133	0.10	99.78
Australia	27	88	0.07	99.84
China	28	70	0.05	99.90
Macedonia	29	58	0.05	99.94
Poland	30	52	0.04	99.98
Other	31	20	0.02	100.00
<b>Total</b>		<b>128,017</b>	<b>100.00</b>	<b>100.00</b>

Source: Philip M. Parker, INSEAD, copyright 2015, [www.icongrouponline.com](http://www.icongrouponline.com)

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