



ZIRCON TRADE MATRIX 2013

Published 2014

The Zircon Trade Matrix 2013 is the 15th annual update of TZMI's analysis of global trade in zircon products.

TABLE OF CONTENTS

INTRODUCTION

REVIEW OF 2013

REVIEW OF JANUARY TO MAY 2014

APPENDICES

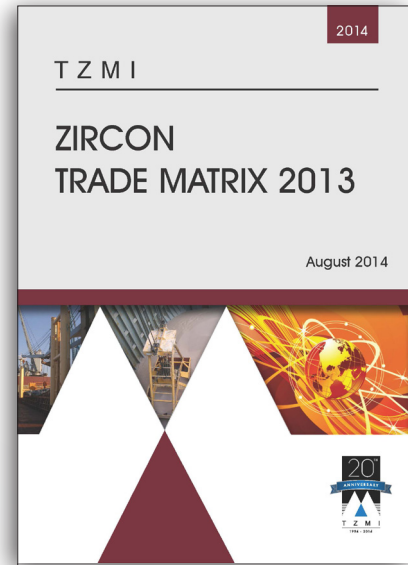
- Appendix A - Global trade matrix
- Appendix B - Top ten zircon sand importers
- Appendix C - Top six zircon sand exporters

FIGURES

- Estimated production by country in 2013
- Imports of zircon sand in 2013
- Estimated sand consumption by country in 2013
- Average monthly landed zircon sand price in 2013
- Monthly zircon sand and sand equivalent import volume and price: Jan 2013 – May 2013

TABLES

- Production of zircon sand, by country: 2012 and 2013
- Exports of zircon sand, by country: 2012 and 2013
- Imports of zircon sand, by country: 2012 and 2013
- Imports of milled zircon, by country: 2012 and 2013
- Exports of milled zircon, by country: 2012 and 2013
- Landed price of zircon sand, by import and export country in 2013



plus

45 country-specific
charts

16 country-specific
tables

The Zircon Trade Matrix is the only publication in the world that links production with imports and consumption.



Detailed and comprehensive market data and charts

Average monthly prices provided for the year to June 2014

Trade information qualified on a monthly basis

TZMI industry intelligence provides value-added analysis

ZIRCON TRADE MATRIX 2012

Table 5: Exports of milled zircon, by country: 2011 and 2012

Ranking	Country	2011	2012	% of 2012 total
1	Germany & Netherlands			
2	Italy			
3	Spain			
4	US			
5	Australia			
6	Japan			
7	India			
8	Taiwan			
9	Vietnam			
	ROW			
	Total			

Consumption of zircon

For the purpose of this analysis, zircon was considered to have been consumed when its structure was altered. Thus the use in ceramics, foundries, refractories, TV glass, zircon zircon chemicals are all end uses of zircon. Frit is also considered an end use, as it is consumed in the ceramics sector. Figure 3 shows the sand consumption by country.

Zircon consumption in China continued to dominate the global market, accounting for xx% consumption in 2012. However this was xx% lower than 2011.

Overall, Europe accounted for xx% of global zircon consumption, xx% down from 2011. Spain consumption fell xx% during 2012, compared to 2011, while Brazil's consumption decreased. Italy's consumption declined xx% during the same period. While all regions were hit by reduced zircon consumption, apparent zircon consumption in the US only declined xx% year-on-year.

Figure 3: Estimated sand consumption by country in 2012

Source: TZMI

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2012 ZIRCON IMPORTS: CHINA

Zircon imports 2012

	Volume (tonnes)	Ave Price (US\$/t CIF)
Zircon sand imports		
Australia		
South Africa		
Indonesia		
Thailand		
Mozambique		
Other		
Zircon concentrate imports		
Australia		
Indonesia		
India		
South Africa		
Mozambique		
Madagascar		
Other		
Total volume		
Total recoverable zircon		
Zircon flour trade		
Imports: all sources		
Opacifier trade		
Imports: all sources		
Exports: all destinations		
Total		
Imports: all products		
Exports: all products		
Non-conventional imports		
Domestic production		
Stock moves		
Consumption		

Zircon imports by product category in 2012

Source: TZMI database

Bulk zircon imports by country in 2012

Source: TZMI database

Bulk zircon sand import prices in 2012

Source: TZMI database

Zircon sand imports into China contracted xx% to nearly xx,000 tonnes while concentrate imports decreased xx%. Total zircon imports decreased xx% while consumption fell by xx%.

Imports from Australia, at an average price of US\$xx per tonne for the year, fell by nearly xx% year-on-year. South African zircon sand imports fell xx% during the same period while the average price was higher than Australian sand at US\$xx per tonne. The average sand price across the region increased by xx% in 2012.

Australia became the lead supplier of concentrate imports to China in 2012 (xx tonnes) down xx% year-on-year, far outweighing Indonesia's contribution of xx tonnes. Zircon sand recovered from concentrates was approximately xx tonnes, similar to 2011 levels, highlighting the important contribution of China.

Stocks of zircon sand at the end of the year were estimated at xx tonnes.



TOP 10 ZIRCON SAND PRODUCERS

- China • Spain • Italy • Germany & the Netherlands • France • Japan • Brazil • India • US • Mexico

TOP 6 ZIRCON SAND EXPORTERS

- Australia • South Africa • The Ukraine • Vietnam • Mozambique • Indonesia