

Global Nickel-63 Supply, Demand and Key Producers, 2023-2029

<https://marketpublishers.com/r/GF2648337F99EN.html>

Date: March 2023

Pages: 75

Price: US\$ 4,480.00 (Single User License)

ID: GF2648337F99EN

Abstracts

The global Nickel-63 market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

This report studies the global Nickel-63 production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Nickel-63, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Nickel-63 that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Nickel-63 total production and demand, 2018-2029, (Tons)

Global Nickel-63 total production value, 2018-2029, (USD Million)

Global Nickel-63 production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global Nickel-63 consumption by region & country, CAGR, 2018-2029 & (Tons)

U.S. VS China: Nickel-63 domestic production, consumption, key domestic manufacturers and share

Global Nickel-63 production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (Tons)

Global Nickel-63 production by Type, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global Nickel-63 production by Application production, value, CAGR, 2018-2029, (USD Million) & (Tons)

This reports profiles key players in the global Nickel-63 market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include ORNL, Columbia Tech and Atomic Hi-Tech Co., Ltd., etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Nickel-63 market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Tons) and average price (US\$/Ton) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Nickel-63 Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Nickel-63 Market, Segmentation by Type

1?10Bq-1.5?10Bq

1.5?10Bq-2?10Bq

Global Nickel-63 Market, Segmentation by Application

Ionization Smoke Detector

Electron Tube Ionization Source

Electron Capture Probe

Chromatography Electron trap

Other

Companies Profiled:

ORNL

Columbia Tech

Atomic Hi-Tech Co., Ltd.

Key Questions Answered

1. How big is the global Nickel-63 market?
2. What is the demand of the global Nickel-63 market?
3. What is the year over year growth of the global Nickel-63 market?
4. What is the production and production value of the global Nickel-63 market?
5. Who are the key producers in the global Nickel-63 market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

- 1.1 Nickel-63 Introduction
- 1.2 World Nickel-63 Supply & Forecast
 - 1.2.1 World Nickel-63 Production Value (2018 & 2022 & 2029)
 - 1.2.2 World Nickel-63 Production (2018-2029)
 - 1.2.3 World Nickel-63 Pricing Trends (2018-2029)
- 1.3 World Nickel-63 Production by Region (Based on Production Site)
 - 1.3.1 World Nickel-63 Production Value by Region (2018-2029)
 - 1.3.2 World Nickel-63 Production by Region (2018-2029)
 - 1.3.3 World Nickel-63 Average Price by Region (2018-2029)
 - 1.3.4 North America Nickel-63 Production (2018-2029)
 - 1.3.5 Europe Nickel-63 Production (2018-2029)
 - 1.3.6 China Nickel-63 Production (2018-2029)
 - 1.3.7 Japan Nickel-63 Production (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 Nickel-63 Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 Nickel-63 Major Market Trends
- 1.5 Influence of COVID-19 and Russia-Ukraine War
 - 1.5.1 Influence of COVID-19
 - 1.5.2 Influence of Russia-Ukraine War

2 DEMAND SUMMARY

- 2.1 World Nickel-63 Demand (2018-2029)
- 2.2 World Nickel-63 Consumption by Region
 - 2.2.1 World Nickel-63 Consumption by Region (2018-2023)
 - 2.2.2 World Nickel-63 Consumption Forecast by Region (2024-2029)
- 2.3 United States Nickel-63 Consumption (2018-2029)
- 2.4 China Nickel-63 Consumption (2018-2029)
- 2.5 Europe Nickel-63 Consumption (2018-2029)
- 2.6 Japan Nickel-63 Consumption (2018-2029)
- 2.7 South Korea Nickel-63 Consumption (2018-2029)
- 2.8 ASEAN Nickel-63 Consumption (2018-2029)
- 2.9 India Nickel-63 Consumption (2018-2029)

3 WORLD NICKEL-63 MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World Nickel-63 Production Value by Manufacturer (2018-2023)
- 3.2 World Nickel-63 Production by Manufacturer (2018-2023)
- 3.3 World Nickel-63 Average Price by Manufacturer (2018-2023)
- 3.4 Nickel-63 Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
 - 3.5.1 Global Nickel-63 Industry Rank of Major Manufacturers
 - 3.5.2 Global Concentration Ratios (CR4) for Nickel-63 in 2022
 - 3.5.3 Global Concentration Ratios (CR8) for Nickel-63 in 2022
- 3.6 Nickel-63 Market: Overall Company Footprint Analysis
 - 3.6.1 Nickel-63 Market: Region Footprint
 - 3.6.2 Nickel-63 Market: Company Product Type Footprint
 - 3.6.3 Nickel-63 Market: Company Product Application Footprint
- 3.7 Competitive Environment
 - 3.7.1 Historical Structure of the Industry
 - 3.7.2 Barriers of Market Entry
 - 3.7.3 Factors of Competition
- 3.8 New Entrant and Capacity Expansion Plans
- 3.9 Mergers, Acquisition, Agreements, and Collaborations

4 UNITED STATES VS CHINA VS REST OF THE WORLD

- 4.1 United States VS China: Nickel-63 Production Value Comparison
 - 4.1.1 United States VS China: Nickel-63 Production Value Comparison (2018 & 2022 & 2029)
 - 4.1.2 United States VS China: Nickel-63 Production Value Market Share Comparison (2018 & 2022 & 2029)
- 4.2 United States VS China: Nickel-63 Production Comparison
 - 4.2.1 United States VS China: Nickel-63 Production Comparison (2018 & 2022 & 2029)
 - 4.2.2 United States VS China: Nickel-63 Production Market Share Comparison (2018 & 2022 & 2029)
- 4.3 United States VS China: Nickel-63 Consumption Comparison
 - 4.3.1 United States VS China: Nickel-63 Consumption Comparison (2018 & 2022 & 2029)
 - 4.3.2 United States VS China: Nickel-63 Consumption Market Share Comparison (2018 & 2022 & 2029)
- 4.4 United States Based Nickel-63 Manufacturers and Market Share, 2018-2023

4.4.1 United States Based Nickel-63 Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Nickel-63 Production Value (2018-2023)

4.4.3 United States Based Manufacturers Nickel-63 Production (2018-2023)

4.5 China Based Nickel-63 Manufacturers and Market Share

4.5.1 China Based Nickel-63 Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Nickel-63 Production Value (2018-2023)

4.5.3 China Based Manufacturers Nickel-63 Production (2018-2023)

4.6 Rest of World Based Nickel-63 Manufacturers and Market Share, 2018-2023

4.6.1 Rest of World Based Nickel-63 Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Nickel-63 Production Value (2018-2023)

4.6.3 Rest of World Based Manufacturers Nickel-63 Production (2018-2023)

5 MARKET ANALYSIS BY TYPE

5.1 World Nickel-63 Market Size Overview by Type: 2018 VS 2022 VS 2029

5.2 Segment Introduction by Type

5.2.1 1?10Bq-1.5?10Bq

5.2.2 1.5?10Bq-2?10Bq

5.3 Market Segment by Type

5.3.1 World Nickel-63 Production by Type (2018-2029)

5.3.2 World Nickel-63 Production Value by Type (2018-2029)

5.3.3 World Nickel-63 Average Price by Type (2018-2029)

6 MARKET ANALYSIS BY APPLICATION

6.1 World Nickel-63 Market Size Overview by Application: 2018 VS 2022 VS 2029

6.2 Segment Introduction by Application

6.2.1 Ionization Smoke Detector

6.2.2 Electron Tube Ionization Source

6.2.3 Electron Capture Probe

6.2.4 Chromatography Electron trap

6.2.5 Other

6.3 Market Segment by Application

6.3.1 World Nickel-63 Production by Application (2018-2029)

6.3.2 World Nickel-63 Production Value by Application (2018-2029)

6.3.3 World Nickel-63 Average Price by Application (2018-2029)

7 COMPANY PROFILES

7.1 ORNL

7.1.1 ORNL Details

7.1.2 ORNL Major Business

7.1.3 ORNL Nickel-63 Product and Services

7.1.4 ORNL Nickel-63 Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.1.5 ORNL Recent Developments/Updates

7.1.6 ORNL Competitive Strengths & Weaknesses

7.2 Columbia Tech

7.2.1 Columbia Tech Details

7.2.2 Columbia Tech Major Business

7.2.3 Columbia Tech Nickel-63 Product and Services

7.2.4 Columbia Tech Nickel-63 Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.2.5 Columbia Tech Recent Developments/Updates

7.2.6 Columbia Tech Competitive Strengths & Weaknesses

7.3 Atomic Hi-Tech Co., Ltd.

7.3.1 Atomic Hi-Tech Co., Ltd. Details

7.3.2 Atomic Hi-Tech Co., Ltd. Major Business

7.3.3 Atomic Hi-Tech Co., Ltd. Nickel-63 Product and Services

7.3.4 Atomic Hi-Tech Co., Ltd. Nickel-63 Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.3.5 Atomic Hi-Tech Co., Ltd. Recent Developments/Updates

7.3.6 Atomic Hi-Tech Co., Ltd. Competitive Strengths & Weaknesses

8 INDUSTRY CHAIN ANALYSIS

8.1 Nickel-63 Industry Chain

8.2 Nickel-63 Upstream Analysis

8.2.1 Nickel-63 Core Raw Materials

8.2.2 Main Manufacturers of Nickel-63 Core Raw Materials

8.3 Midstream Analysis

8.4 Downstream Analysis

8.5 Nickel-63 Production Mode

8.6 Nickel-63 Procurement Model

8.7 Nickel-63 Industry Sales Model and Sales Channels

8.7.1 Nickel-63 Sales Model

8.7.2 Nickel-63 Typical Customers

9 RESEARCH FINDINGS AND CONCLUSION

10 APPENDIX

10.1 Methodology

10.2 Research Process and Data Source

10.3 Disclaimer

List Of Tables

LIST OF TABLES

- Table 1. World Nickel-63 Production Value by Region (2018, 2022 and 2029) & (USD Million)
- Table 2. World Nickel-63 Production Value by Region (2018-2023) & (USD Million)
- Table 3. World Nickel-63 Production Value by Region (2024-2029) & (USD Million)
- Table 4. World Nickel-63 Production Value Market Share by Region (2018-2023)
- Table 5. World Nickel-63 Production Value Market Share by Region (2024-2029)
- Table 6. World Nickel-63 Production by Region (2018-2023) & (Tons)
- Table 7. World Nickel-63 Production by Region (2024-2029) & (Tons)
- Table 8. World Nickel-63 Production Market Share by Region (2018-2023)
- Table 9. World Nickel-63 Production Market Share by Region (2024-2029)
- Table 10. World Nickel-63 Average Price by Region (2018-2023) & (US\$/Ton)
- Table 11. World Nickel-63 Average Price by Region (2024-2029) & (US\$/Ton)
- Table 12. Nickel-63 Major Market Trends
- Table 13. World Nickel-63 Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (Tons)
- Table 14. World Nickel-63 Consumption by Region (2018-2023) & (Tons)
- Table 15. World Nickel-63 Consumption Forecast by Region (2024-2029) & (Tons)
- Table 16. World Nickel-63 Production Value by Manufacturer (2018-2023) & (USD Million)
- Table 17. Production Value Market Share of Key Nickel-63 Producers in 2022
- Table 18. World Nickel-63 Production by Manufacturer (2018-2023) & (Tons)
- Table 19. Production Market Share of Key Nickel-63 Producers in 2022
- Table 20. World Nickel-63 Average Price by Manufacturer (2018-2023) & (US\$/Ton)
- Table 21. Global Nickel-63 Company Evaluation Quadrant
- Table 22. World Nickel-63 Industry Rank of Major Manufacturers, Based on Production Value in 2022
- Table 23. Head Office and Nickel-63 Production Site of Key Manufacturer
- Table 24. Nickel-63 Market: Company Product Type Footprint
- Table 25. Nickel-63 Market: Company Product Application Footprint
- Table 26. Nickel-63 Competitive Factors
- Table 27. Nickel-63 New Entrant and Capacity Expansion Plans
- Table 28. Nickel-63 Mergers & Acquisitions Activity
- Table 29. United States VS China Nickel-63 Production Value Comparison, (2018 & 2022 & 2029) & (USD Million)
- Table 30. United States VS China Nickel-63 Production Comparison, (2018 & 2022 &

2029) & (Tons)

Table 31. United States VS China Nickel-63 Consumption Comparison, (2018 & 2022 & 2029) & (Tons)

Table 32. United States Based Nickel-63 Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Nickel-63 Production Value, (2018-2023) & (USD Million)

Table 34. United States Based Manufacturers Nickel-63 Production Value Market Share (2018-2023)

Table 35. United States Based Manufacturers Nickel-63 Production (2018-2023) & (Tons)

Table 36. United States Based Manufacturers Nickel-63 Production Market Share (2018-2023)

Table 37. China Based Nickel-63 Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Nickel-63 Production Value, (2018-2023) & (USD Million)

Table 39. China Based Manufacturers Nickel-63 Production Value Market Share (2018-2023)

Table 40. China Based Manufacturers Nickel-63 Production (2018-2023) & (Tons)

Table 41. China Based Manufacturers Nickel-63 Production Market Share (2018-2023)

Table 42. Rest of World Based Nickel-63 Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers Nickel-63 Production Value, (2018-2023) & (USD Million)

Table 44. Rest of World Based Manufacturers Nickel-63 Production Value Market Share (2018-2023)

Table 45. Rest of World Based Manufacturers Nickel-63 Production (2018-2023) & (Tons)

Table 46. Rest of World Based Manufacturers Nickel-63 Production Market Share (2018-2023)

Table 47. World Nickel-63 Production Value by Type, (USD Million), 2018 & 2022 & 2029

Table 48. World Nickel-63 Production by Type (2018-2023) & (Tons)

Table 49. World Nickel-63 Production by Type (2024-2029) & (Tons)

Table 50. World Nickel-63 Production Value by Type (2018-2023) & (USD Million)

Table 51. World Nickel-63 Production Value by Type (2024-2029) & (USD Million)

Table 52. World Nickel-63 Average Price by Type (2018-2023) & (US\$/Ton)

Table 53. World Nickel-63 Average Price by Type (2024-2029) & (US\$/Ton)

Table 54. World Nickel-63 Production Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World Nickel-63 Production by Application (2018-2023) & (Tons)

Table 56. World Nickel-63 Production by Application (2024-2029) & (Tons)

Table 57. World Nickel-63 Production Value by Application (2018-2023) & (USD Million)

Table 58. World Nickel-63 Production Value by Application (2024-2029) & (USD Million)

Table 59. World Nickel-63 Average Price by Application (2018-2023) & (US\$/Ton)

Table 60. World Nickel-63 Average Price by Application (2024-2029) & (US\$/Ton)

Table 61. ORNL Basic Information, Manufacturing Base and Competitors

Table 62. ORNL Major Business

Table 63. ORNL Nickel-63 Product and Services

Table 64. ORNL Nickel-63 Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 65. ORNL Recent Developments/Updates

Table 66. ORNL Competitive Strengths & Weaknesses

Table 67. Columbia Tech Basic Information, Manufacturing Base and Competitors

Table 68. Columbia Tech Major Business

Table 69. Columbia Tech Nickel-63 Product and Services

Table 70. Columbia Tech Nickel-63 Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 71. Columbia Tech Recent Developments/Updates

Table 72. Atomic Hi-Tech Co., Ltd. Basic Information, Manufacturing Base and Competitors

Table 73. Atomic Hi-Tech Co., Ltd. Major Business

Table 74. Atomic Hi-Tech Co., Ltd. Nickel-63 Product and Services

Table 75. Atomic Hi-Tech Co., Ltd. Nickel-63 Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 76. Global Key Players of Nickel-63 Upstream (Raw Materials)

Table 77. Nickel-63 Typical Customers

Table 78. Nickel-63 Typical Distributors

List Of Figures

LIST OF FIGURES

Figure 1. Nickel-63 Picture

Figure 2. World Nickel-63 Production Value: 2018 & 2022 & 2029, (USD Million)

Figure 3. World Nickel-63 Production Value and Forecast (2018-2029) & (USD Million)

Figure 4. World Nickel-63 Production (2018-2029) & (Tons)

Figure 5. World Nickel-63 Average Price (2018-2029) & (US\$/Ton)

Figure 6. World Nickel-63 Production Value Market Share by Region (2018-2029)

Figure 7. World Nickel-63 Production Market Share by Region (2018-2029)

Figure 8. North America Nickel-63 Production (2018-2029) & (Tons)

Figure 9. Europe Nickel-63 Production (2018-2029) & (Tons)

Figure 10. China Nickel-63 Production (2018-2029) & (Tons)

Figure 11. Japan Nickel-63 Production (2018-2029) & (Tons)

Figure 12. Nickel-63 Market Drivers

Figure 13. Factors Affecting Demand

Figure 14. World Nickel-63 Consumption (2018-2029) & (Tons)

Figure 15. World Nickel-63 Consumption Market Share by Region (2018-2029)

Figure 16. United States Nickel-63 Consumption (2018-2029) & (Tons)

Figure 17. China Nickel-63 Consumption (2018-2029) & (Tons)

Figure 18. Europe Nickel-63 Consumption (2018-2029) & (Tons)

Figure 19. Japan Nickel-63 Consumption (2018-2029) & (Tons)

Figure 20. South Korea Nickel-63 Consumption (2018-2029) & (Tons)

Figure 21. ASEAN Nickel-63 Consumption (2018-2029) & (Tons)

Figure 22. India Nickel-63 Consumption (2018-2029) & (Tons)

Figure 23. Producer Shipments of Nickel-63 by Manufacturer Revenue (\$MM) and Market Share (%): 2022

Figure 24. Global Four-firm Concentration Ratios (CR4) for Nickel-63 Markets in 2022

Figure 25. Global Four-firm Concentration Ratios (CR8) for Nickel-63 Markets in 2022

Figure 26. United States VS China: Nickel-63 Production Value Market Share Comparison (2018 & 2022 & 2029)

Figure 27. United States VS China: Nickel-63 Production Market Share Comparison (2018 & 2022 & 2029)

Figure 28. United States VS China: Nickel-63 Consumption Market Share Comparison (2018 & 2022 & 2029)

Figure 29. United States Based Manufacturers Nickel-63 Production Market Share 2022

Figure 30. China Based Manufacturers Nickel-63 Production Market Share 2022

Figure 31. Rest of World Based Manufacturers Nickel-63 Production Market Share 2022

Figure 32. World Nickel-63 Production Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 33. World Nickel-63 Production Value Market Share by Type in 2022

Figure 34. $1 \times 10^{10}\text{Bq}$ - $1.5 \times 10^{10}\text{Bq}$

Figure 35. $1.5 \times 10^{10}\text{Bq}$ - $2 \times 10^{10}\text{Bq}$

Figure 36. World Nickel-63 Production Market Share by Type (2018-2029)

Figure 37. World Nickel-63 Production Value Market Share by Type (2018-2029)

Figure 38. World Nickel-63 Average Price by Type (2018-2029) & (US\$/Ton)

Figure 39. World Nickel-63 Production Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 40. World Nickel-63 Production Value Market Share by Application in 2022

Figure 41. Ionization Smoke Detector

Figure 42. Electron Tube Ionization Source

Figure 43. Electron Capture Probe

Figure 44. Chromatography Electron trap

Figure 45. Other

Figure 46. World Nickel-63 Production Market Share by Application (2018-2029)

Figure 47. World Nickel-63 Production Value Market Share by Application (2018-2029)

Figure 48. World Nickel-63 Average Price by Application (2018-2029) & (US\$/Ton)

Figure 49. Nickel-63 Industry Chain

Figure 50. Nickel-63 Procurement Model

Figure 51. Nickel-63 Sales Model

Figure 52. Nickel-63 Sales Channels, Direct Sales, and Distribution

Figure 53. Methodology

Figure 54. Research Process and Data Source

I would like to order

Product name: Global Nickel-63 Supply, Demand and Key Producers, 2023-2029

Product link: <https://marketpublishers.com/r/GF2648337F99EN.html>

Price: US\$ 4,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GF2648337F99EN.html>