

**Global Zinc Dust Market Research Report by
Manufacturers, Regions, Types and Applications
2020**

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Definition

This report studies the Zinc Dust market, Zinc dust is a fine gray powder of zinc metal, made by distilling primary or secondary zinc in closed, horizontal furnaces. Zinc dust is most often used in paints and coatings to inhibit corrosion. The global Zinc Dust market is valued at US\$ 1453 million in 2019 is expected to reach US\$ 1679 million by the end of 2026, growing at a CAGR of 2.08% during 2019-2026.

Split by company, details are as below, Production, Revenue, Price, Cost and Gross Margin of each players will be included in this report

1. Umicore
2. Votorantim Group
3. Numinor
4. Hanchang
5. Transpek-Silox Industry
6. Ever Zinc
7. TOHO ZINC
8. HakusuiTech
9. Pars Zinc Dust
10. Jiangsu Kecheng
11. Jiashanbaiwei
12. Jiangsu Smelting
13. Yunan Luoping
14. Shijiazhuang Xinri Zinc
15. Jiangsu Shenlong Zinc
16. Shandong Xingyuan Zinc
17. Jiangsu Shuangsheng

Split by Product Types, with Production, Revenue, Market Share of each Type and different Regions, can be divided into

1. Chemical Grade
2. Paint Grade

Split by Applications, this report focuses on Consumption, Market Share and Growth Rate of Zinc Dust in each Application and different Regions, can be divided into

1. Chemical Industry

2. Paint Industry
3. Pharmaceutical Industry
4. Other

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1 Zinc Dust Market Overview

1.1 Product Overview and Scope of Zinc Dust

This report studies the Zinc Dust market, Zinc dust is a fine gray powder of zinc metal, made by distilling primary or secondary zinc in closed, horizontal furnaces. Zinc dust is most often used in paints and coatings to inhibit corrosion. The global Zinc Dust market is valued at US\$ 1453 million in 2019 is expected to reach US\$ 1679 million by the end of 2026, growing at a CAGR of 2.08% during 2019-2026.

Figure Product Picture of Zinc Dust



Source: Secondary Sources and XYZ Chemical & Material Research Center, 2020

1.2 Zinc Dust Segment by Type

Segment by Type, the Zinc Dust can be split into Chemical Grade, Paint Grade, etc.

The table below visually and clearly details the market size of Zinc Dust, in volume (K MT) and value (US\$ Million), market share and growth trend of each type in 2020 and 2026.

The CAGR (2021-2026) is based on the value of Zinc Dust for each type and the overall market.

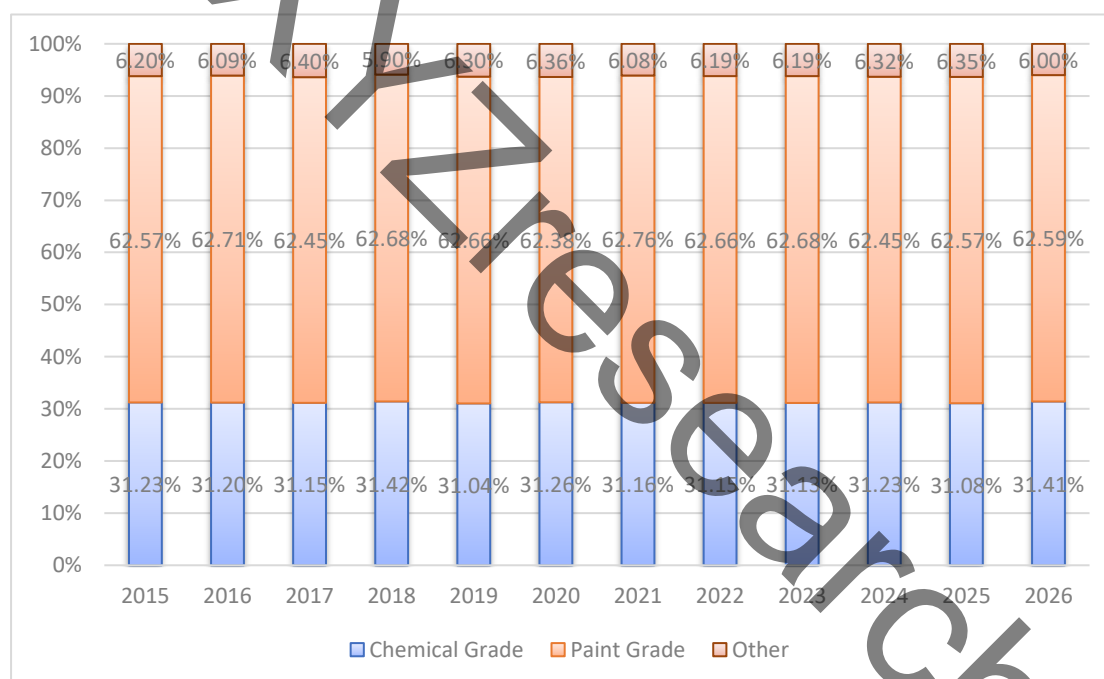
1.2.1 Global Production Market Share of Zinc Dust by Type: 2020 VS 2026

Table Global Zinc Dust Market Size by Type (K MT) & (US\$ Million) (2020 VS 2026)

NO.	Classification	Description
1	Chemical Grade	10-60 μ m
2	Paint Grade	<10 μ m
3	Others	Other size

Source: Secondary Sources and XYZ Chemical & Material Research Center, 2020

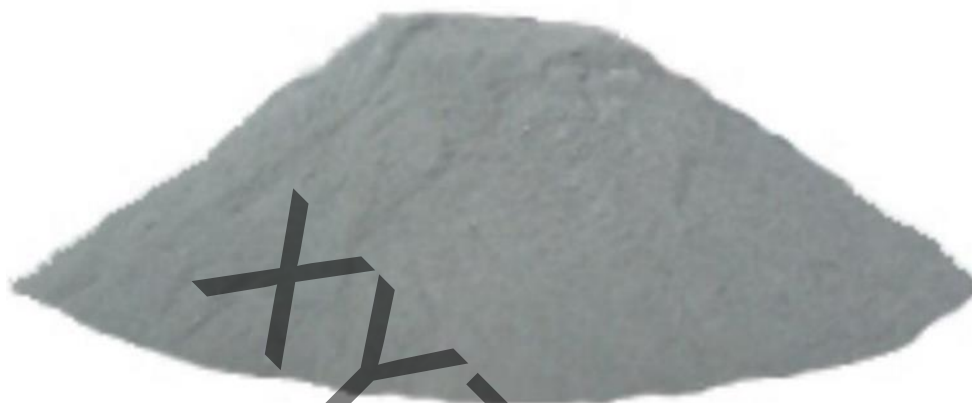
Figure Global Zinc Dust Market Share by Type: 2020 VS 2026



Source: Secondary Sources and XYZ Chemical & Material Research Center, 2020

1.2.2 Chemical Grade

Figure Product Picture of Chemical Grade



Source: Secondary Sources and XYZ Chemical & Material Research Center, 2020

1.2.3 Paint Grade

Figure Product Picture of Paint Grade



Source: Secondary Sources and XYZ Chemical & Material Research Center, 2020

1.3 Zinc Dust Segment by Application

Segment by Application, the Zinc Dust market can be sub-segmented into several major Application, like Chemical Industry, Paint Industry, Other, etc.

This section displays the market size by Application in 2020 and forecast to 2026. The CAGR (2021-2026) is based on the volume of Zinc Dust by Application and the overall market

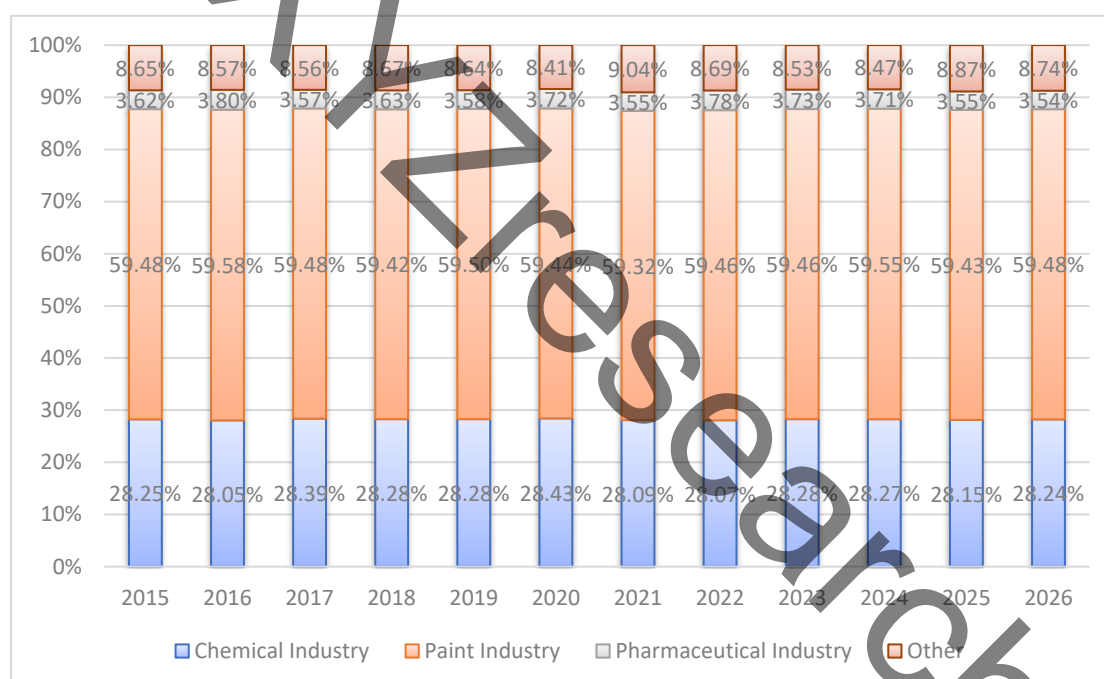
1.3.1 Zinc Dust Sales Market Share by Application: 2020 VS 2026

Table Zinc Dust Sales Market Share by Application: 2020 VS 2026

	Application	Description
1	Chemical Industry	Filler of rubber, chemical raw material
2	Paint Industry	Mainly used in the production of zinc rich coatings, as anti-corrosion treatment
3	Pharmaceutical Industry	Unguentum material
4	Others	Electronics Industry, metal industry, etc.

Source: Secondary Sources and XYZ Chemical & Material Research Center, 2020

Figure Zinc Dust Sales Market Share by Application: 2020 VS 2026



Source: Secondary Sources and XYZ Chemical & Material Research Center, 2020

1.3.2 Chemical Industry

Figure Chemical Industry Examples



Source: Secondary Sources and XYZ Chemical & Material Research Center, 2020

1.3.3 Paint Industry

Figure Paint Industry Examples



Source: Secondary Sources and XYZ Chemical & Material Research Center, 2020

1.3.4 Pharmaceutical Industry

Figure Pharmaceutical Industry Examples



Source: Secondary Sources and XYZ Chemical & Material Research Center, 2020

1.4 Market Performance by Regions

Table Zinc Dust Market Size Comparison by Regions (2015-2026)

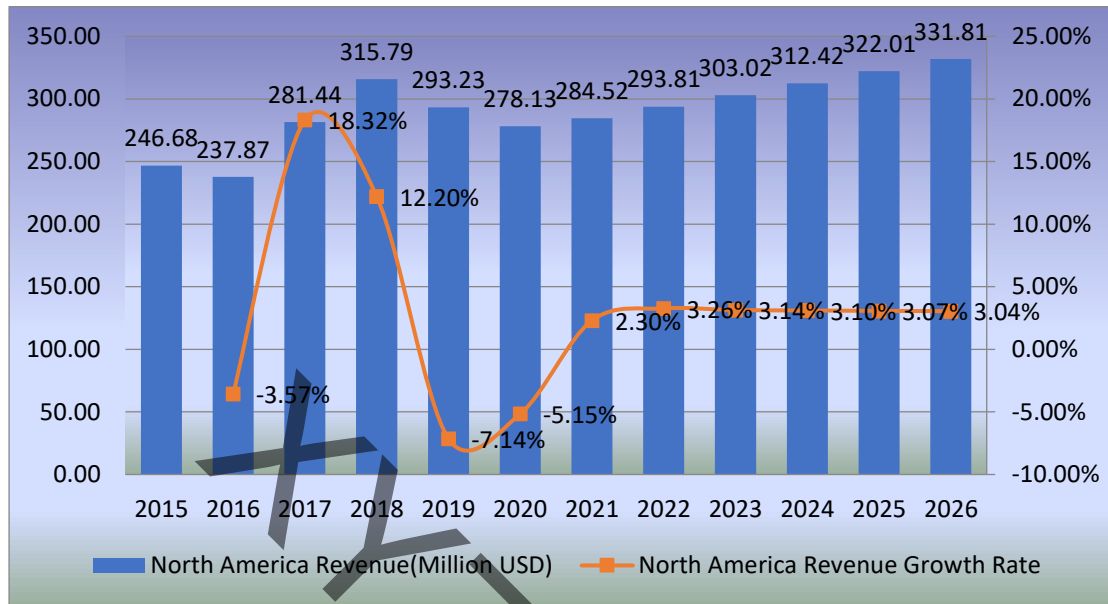
Market Size by Regions	2015		2019		2026	
	Volume	Value	Volume	Value	Volume	Value
North America	78.0	246.7	83.6	293.2	96.5	331.8
Europe	105.1	327.0	110.8	381.9	125.1	474.3
China	111.4	350.6	122.4	425.1	112.7	431.8
Japan	7.9	25.5	9.0	32.1	10.7	39.4
Rest of World	43.0	142.4	53.2	194.8	71.5	263.3
Total	345.4	1092.2	379.0	1327.1	416.5	1540.5

Source: Annual Reports, Secondary Information, Press Releases, Expert Interviews 2019

1.4.1 North America Zinc Dust Status and Prospect (2015-2026)

The North America Zinc Dust market size was 293 million USD in 2019 and it will be 33.18 million USD in 2026, with a Growth Rate 1.78% from 2019 to 2026.

Figure North America Zinc Dust Revenue (Million USD) and Growth Rate (2015-2026)

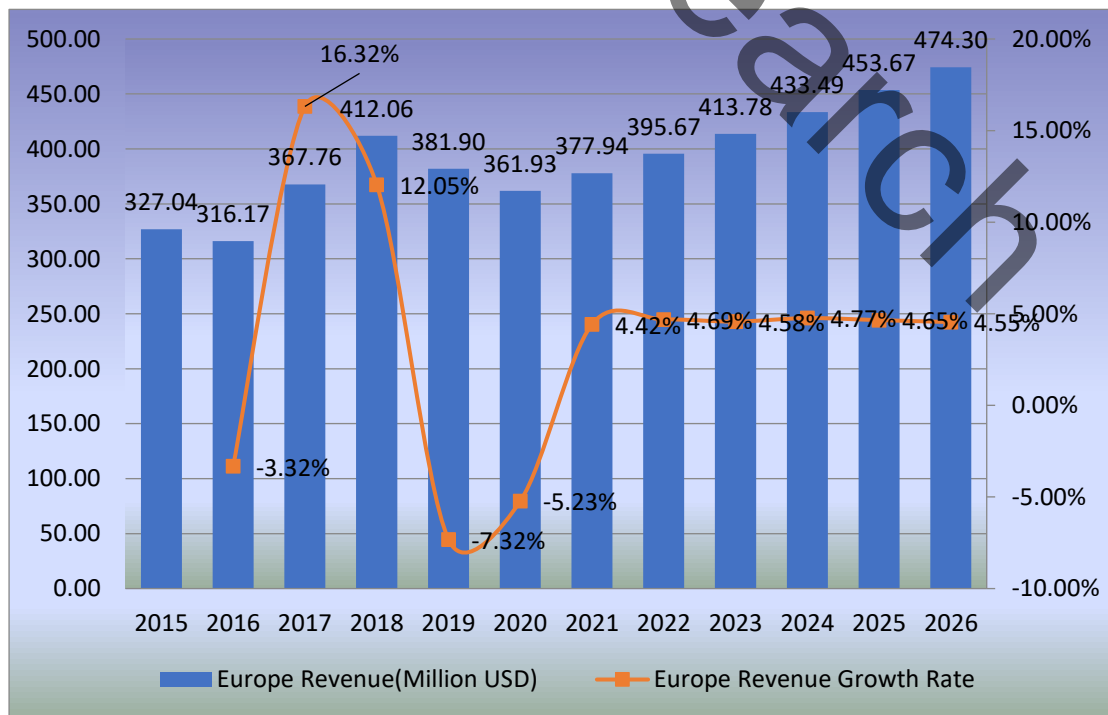


Source: Experts Interview, Secondary Sources and XYZ Chemical & Material Research Center, 2020

1.4.2 Europe Zinc Dust Status and Prospect (2015-2026)

The Europe Zinc Dust market size was 381.9 million USD in 2018 and it will be 474.3 million USD in 2026, with a Growth Rate 3.14% from 2019 to 2026.

Figure Europe Zinc Dust Revenue (Million USD) and Growth Rate (2015-2026)

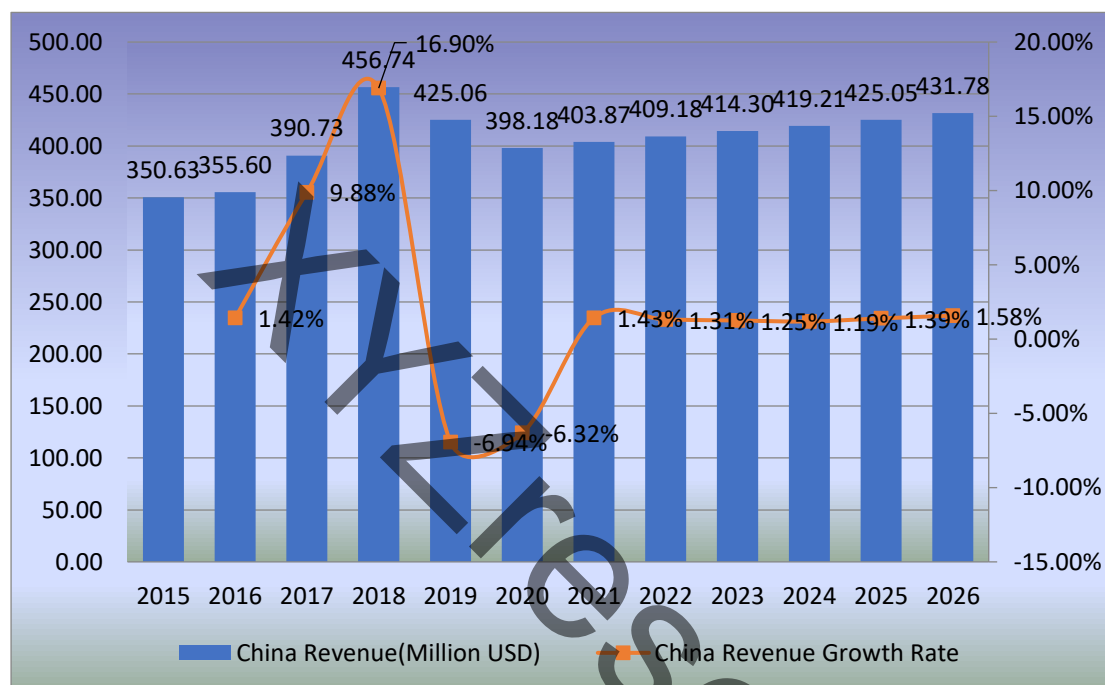


Source: Experts Interview, Secondary Sources and XYZ Chemical & Material Research Center, 2020

1.4.3 China Zinc Dust Status and Prospect (2015-2026)

The China Zinc Dust market size was 425.1million USD in 2018 and it will be 431.8 million USD in 2026, with a Growth Rate 0.22% from 2019 to 2026.

Figure China Zinc Dust Revenue (Million USD) and Growth Rate (2015-2026)

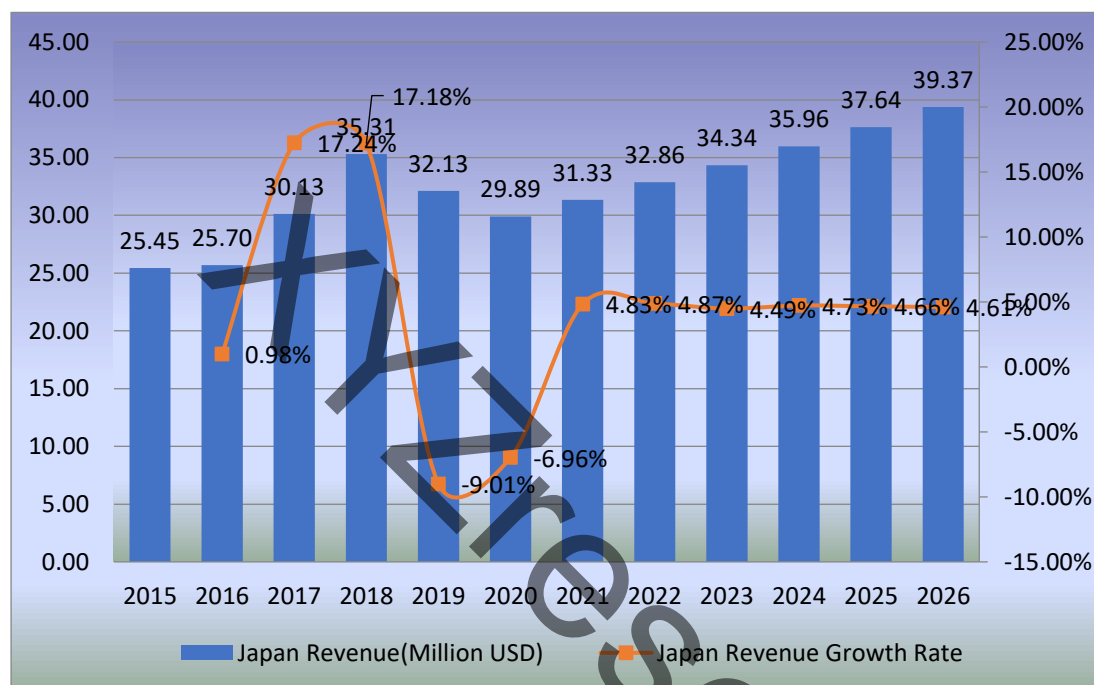


Source: Experts Interview, Secondary Sources and XYZ Chemical & Material Research Center, 2020

1.4.4 Japan Zinc Dust Status and Prospect (2015-2026)

The Japan Zinc Dust market size was 32.1 million USD in 2018 and it will be 39.4 million USD in 2026, with a Growth Rate 2.95% from 2019 to 2026.

Figure Japan Zinc Dust Revenue (Million USD) and Growth Rate (2015-2026)



Source: Experts Interview, Secondary Sources and XYZ Chemical & Material Research Center, 2020

2 Global Zinc Dust Market Competition by Manufacturers

2.1 Global Zinc Dust Capacity, Production and Share by Manufacturers (2015-2020)

2.1.1 Global Zinc Dust Capacity (K MT) and Share (%) by Manufacturers (2015-2020)

Table Global Zinc Dust Capacity (K MT) of Key Manufacturers (2015-2020)

	2015	2016	2017	2018	2019	2020
Umicore	XX	XX	XX	XX	XX	XX
Votorantim Group	XX	XX	XX	XX	XX	XX
Numinor	XX	XX	XX	XX	XX	XX
Hanchang	XX	XX	XX	XX	XX	XX
Transpek-Silox Industry	XX	XX	XX	XX	XX	XX
Ever Zinc	XX	XX	XX	XX	XX	XX
TOHO ZINC	XX	XX	XX	XX	XX	XX
HakusuiTech	XX	XX	XX	XX	XX	XX
Pars Zinc Dust	XX	XX	XX	XX	XX	XX
Jiangsu Kecheng	XX	XX	XX	XX	XX	XX
Jiashanbaiwei	XX	XX	XX	XX	XX	XX
Jiangsu Smelting	XX	XX	XX	XX	XX	XX
Yunan Luoping	XX	XX	XX	XX	XX	XX
Shijiazhuang Xinri Zinc	XX	XX	XX	XX	XX	XX
Jiangsu Shenlong Zinc	XX	XX	XX	XX	XX	XX
Shandong Xingyuan Zinc	XX	XX	XX	XX	XX	XX
Jiangsu Shuangsheng	XX	XX	XX	XX	XX	XX
Global Other	XX	XX	XX	XX	XX	XX
Global Total	XX	XX	XX	XX	XX	XX

Source: XYZ Chemical & Material Research Center, 2020

Figure Global Zinc Dust Capacity Market Share (%) of Key Manufacturers in 2019

Source: XYZ Chemical & Material Research Center, 2020

Figure Global Zinc Dust Capacity Market Share (%) of Key Manufacturers in 2020

Source: XYZ Chemical & Material Research Center, 2020

2.1.2 Global Zinc Dust Production (K MT) and Share (%) by Manufacturers (2015-2020)

Table Global Zinc Dust Production (K MT) of Key Manufacturers (2015-2020)

	2015	2016	2017	2018	2019	2020
Umicore	XX	XX	XX	XX	XX	XX
Votorantim Group	XX	XX	XX	XX	XX	XX
Numinor	XX	XX	XX	XX	XX	XX
Hanchang	XX	XX	XX	XX	XX	XX
Transpek-Silox Industry	XX	XX	XX	XX	XX	XX
Ever Zinc	XX	XX	XX	XX	XX	XX
TOHO ZINC	XX	XX	XX	XX	XX	XX
HakusuiTech	XX	XX	XX	XX	XX	XX
Pars Zinc Dust	XX	XX	XX	XX	XX	XX
Jiangsu Kecheng	XX	XX	XX	XX	XX	XX
Jiashanbaiwei	XX	XX	XX	XX	XX	XX
Jiangsu Smelting	XX	XX	XX	XX	XX	XX
Yunan Luoping	XX	XX	XX	XX	XX	XX
Shijiazhuang Xinri Zinc	XX	XX	XX	XX	XX	XX
Jiangsu Shenlong Zinc	XX	XX	XX	XX	XX	XX
Shandong Xingyuan Zinc	XX	XX	XX	XX	XX	XX
Jiangsu Shuangsheng	XX	XX	XX	XX	XX	XX
Global Other	XX	XX	XX	XX	XX	XX
Global Total	XX	XX	XX	XX	XX	XX

Source: XYZ Chemical & Material Research Center, 2020

Figure 2019 Zinc Dust Production Share (%) by Manufacturers

Source: XYZ Chemical & Material Research Center, 2020

Figure 2020 Zinc Dust Production Share (%) by Manufacturers

Source: XYZ Chemical & Material Research Center, 2020

2.2 Global Zinc Dust Revenue (Million USD) and Share (%) by Manufacturers (2015-2020)

Table Global Zinc Dust Revenue (Million USD) by Manufacturers (2015-2020)

	2015	2016	2017	2018	2019	2020
Umicore	XX	XX	XX	XX	XX	XX
Votorantim Group	XX	XX	XX	XX	XX	XX
Numinor	XX	XX	XX	XX	XX	XX
Hanchang	XX	XX	XX	XX	XX	XX
Transpek-Silox Industry	XX	XX	XX	XX	XX	XX
Ever Zinc	XX	XX	XX	XX	XX	XX
TOHO ZINC	XX	XX	XX	XX	XX	XX
HakusuiTech	XX	XX	XX	XX	XX	XX
Pars Zinc Dust	XX	XX	XX	XX	XX	XX
Jiangsu Kecheng	XX	XX	XX	XX	XX	XX
Jiashanbaiwei	XX	XX	XX	XX	XX	XX
Jiangsu Smelting	XX	XX	XX	XX	XX	XX
Yunan Luoping	XX	XX	XX	XX	XX	XX
Shijiazhuang Xinri Zinc	XX	XX	XX	XX	XX	XX
Jiangsu Shenlong Zinc	XX	XX	XX	XX	XX	XX
Shandong Xingyuan Zinc	XX	XX	XX	XX	XX	XX
Jiangsu Shuangsheng	XX	XX	XX	XX	XX	XX
Global Other	XX	XX	XX	XX	XX	XX
Global Total	XX	XX	XX	XX	XX	XX

Source: XYZ Chemical & Material Research Center, 2020

Figure 2019 Global Zinc Dust Revenue Share (%) by Manufacturers

Source: XYZ Chemical & Material Research Center, 2020

Figure 2020 Global Zinc Dust Revenue Share (%) by Manufacturers

Source: XYZ Chemical & Material Research Center, 2020

2.3 Global Zinc Dust Average Price (USD/MT) by Manufacturers (2015-2020)

Table Global Market Zinc Dust Average Price (USD/MT) of Key Manufacturers (2015-2020)

	2015	2016	2017	2018	2019	2020
Umicore	XX	XX	XX	XX	XX	XX
Votorantim Group	XX	XX	XX	XX	XX	XX
Numinor	XX	XX	XX	XX	XX	XX
Hanchang	XX	XX	XX	XX	XX	XX
Transpek-Silox Industry	XX	XX	XX	XX	XX	XX
Ever Zinc	XX	XX	XX	XX	XX	XX
TOHO ZINC	XX	XX	XX	XX	XX	XX
HakusuiTech	XX	XX	XX	XX	XX	XX
Pars Zinc Dust	XX	XX	XX	XX	XX	XX
Jiangsu Kecheng	XX	XX	XX	XX	XX	XX
Jiashanbaiwei	XX	XX	XX	XX	XX	XX
Jiangsu Smelting	XX	XX	XX	XX	XX	XX
Yunan Luoping	XX	XX	XX	XX	XX	XX
Shijiazhuang Xinri Zinc	XX	XX	XX	XX	XX	XX
Jiangsu Shenlong Zinc	XX	XX	XX	XX	XX	XX
Shandong Xingyuan Zinc	XX	XX	XX	XX	XX	XX
Jiangsu Shuangsheng	XX	XX	XX	XX	XX	XX
Global Other	XX	XX	XX	XX	XX	XX
Global Total	XX	XX	XX	XX	XX	XX

Source: XYZ Chemical & Material Research Center, 2020

Figure Global Market Zinc Dust Average Price (USD/MT) of Key Manufacturers in 2019

Source: LME, XYZ Chemical & Material Research Center, 2020

2.4 Manufacturers Zinc Dust Manufacturing Plants Distribution, Establishment Date

Table Manufacturers Zinc Dust Manufacturing Plants Distribution and Establishment Date

	Manufacturing Plants Distribution	Establishment Date
Umicore	Belgium, Norway, Malaysia, China	1904
Votorantim Group	USA	1918
Numinor	Canada	1977
Hanchang	Korea	1985
Transpek-Silox Industry	India	1996
Ever Zinc	Belgium	1961
TOHO ZINC	Japan	1937
HakusuiTech	Japan	1947
Pars Zinc Dust	Iran	2005
Jiangsu Kecheng	China	2007
Jiashanbaiwei	China	1989
Jiangsu Smelting	China	2007
Yunan Luoping	China	2000
Shijiazhuang Xinri Zinc	China	2000
Jiangsu Shenlong Zinc	China	1996
Shandong Xingyuan Zinc	China	1989
Jiangsu Shuangsheng	China	2005

Source: Above companies; XYZ Chemical & Material Research Center, 2020

Table R&D Status of Global Zinc Dust Major Manufacturers

	Manufacturers	R&D Status
1	Umicore	Umicore Zinc Chemicals is the leading recycler of galvanising residues in the world.
2	Votorantim Group	Votorantim Group is one of the largest industrial conglomerates in Latin America
3	Numinor	Numinor is a manufacturer and distributor of top quality zinc products, zinc oxide, zinc residues and other chemicals serving a wide range of industries.
4	Hanchang	Hanchang is strengthening its position as the leading manufacturer of zinc dust in Korea with its largest production capacity and accumulated technical experiences.
5	Transpek-Silox Industry	Transpek-Silox is the largest manufacturer of Zinc Dust in India.
6	Mepco	The Metal Powder Company Limited (MEPCO) is one of the leading manufacturers of Non - Ferrous Metal Powders and pastes globally.

7	TOHO ZINC	Has its own R&D department and improves its product constantly.
8	HakusuiTech	Has its own R&D department and improves its product constantly.
9	Pars Zinc Dust	Has its own R&D department and improves its product constantly.
10	Jiangsu Kecheng	Jiangsu Kecheng Electric Tools Co., Ltd. is a professional manufacturer of power tools in China.
11	Jiashanbaiwei	Has its own R&D department and improves its product constantly.
12	Jiangsu Smelting	Has its own R&D department and improves its product constantly.
13	Yunan Luoping	Has its own R&D department and improves its product constantly.
14	Shijiazhuang Xinri Zinc	Has its own R&D department and improves its product constantly.
15	Jiangsu Shenlong Zinc	Jiangsu Shenlong Zinc is mainly engaged in the development, manufacture, and sale of zinc products.
16	Shandong Xingyuan Zinc	Shandong Xingyuan Zinc is a manufacturer specialized in the production of zinc oxide and zinc powder, with more than 30 years of production history.
17	Jiangsu Shuangsheng	Has its own R&D department and improves its product constantly.

Source: Above companies; XYZ Chemical & Material Research Center, 2020

2.5 Zinc Dust Market Competitive Situation and Trends

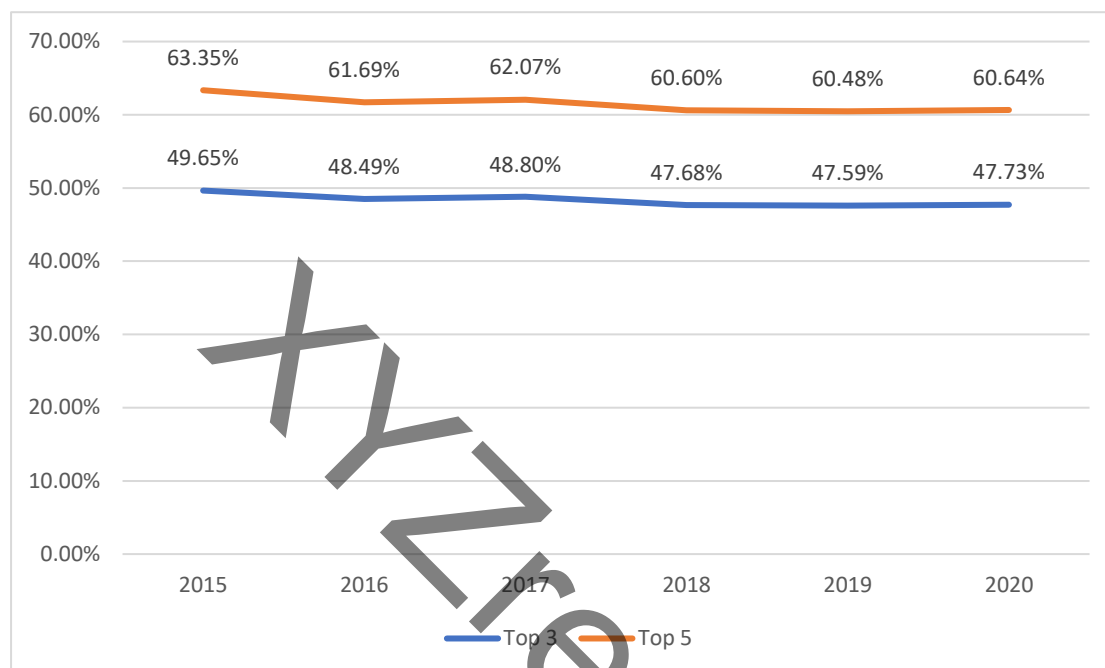
2.5.1 Zinc Dust Market Concentration Rate

Figure Zinc Dust Production Market Concentration in 2019

Source: XYZ Chemical & Material Research Center, 2020

2.5.2 Zinc Dust Market Share (%) of Top 3 and Top 5 Manufacturers

Figure Zinc Dust Market Share (%) of Top 3 Manufacturers and Top 5 Manufacturers 2015-2020



Source: XYZ Chemical & Material Research Center, 2020

3 Global Zinc Dust Production by Regions (2015-2020)

3.1 Global Zinc Dust Capacity (K MT) and Market Share (%) by Regions (2015-2020)

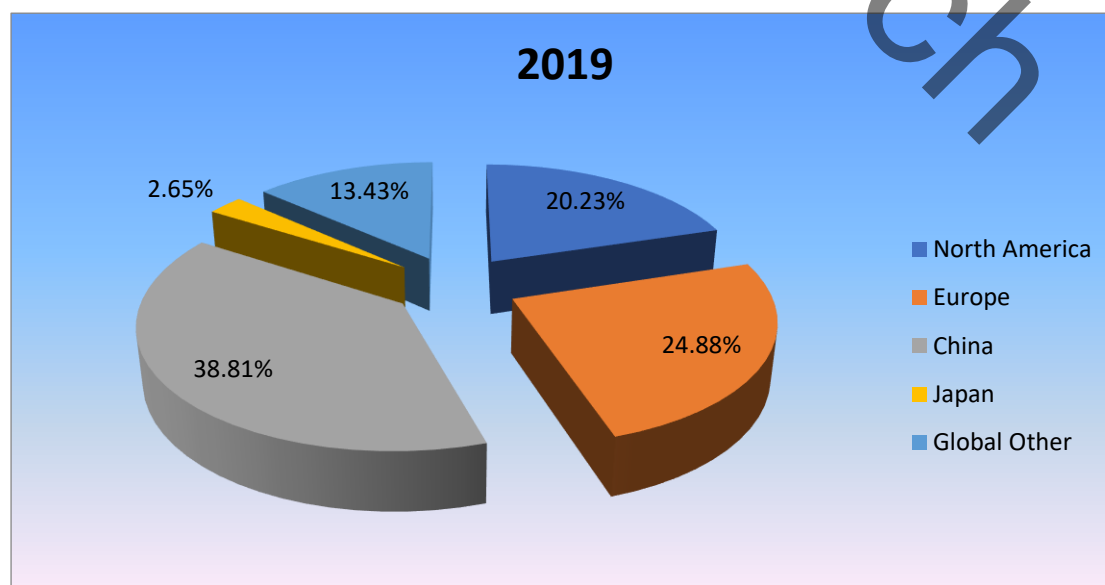
Table Global Zinc Dust Capacity (K MT) by Regions (2015-2020)

	2015	2016	2017	2018	2019	2020
North America	117	118	120	121	122	123
Europe	147	149	149	150	150	150
China	202	214	217	230	234	236
Japan	14	15	15	16	16	16
Global Other	66	69	73	78	81	84
Global Total	546	565	574	595	603	609
	2015	2016	2017	2018	2019	2020

Source: XYZ Chemical & Material Research Center, 2020

In the past few years, the biggest change in the market has been in China, starting in the second half of 2016, in order to improve the environment in china. A large number of enterprises closed. The policy is expected to last until 2030; so many small businesses will be closed down. In the next few years, large companies will be supported.

Figure 2019 Global Zinc Dust Capacity Market Share (%) by Regions



Source: XYZ Chemical & Material Research Center, 2020

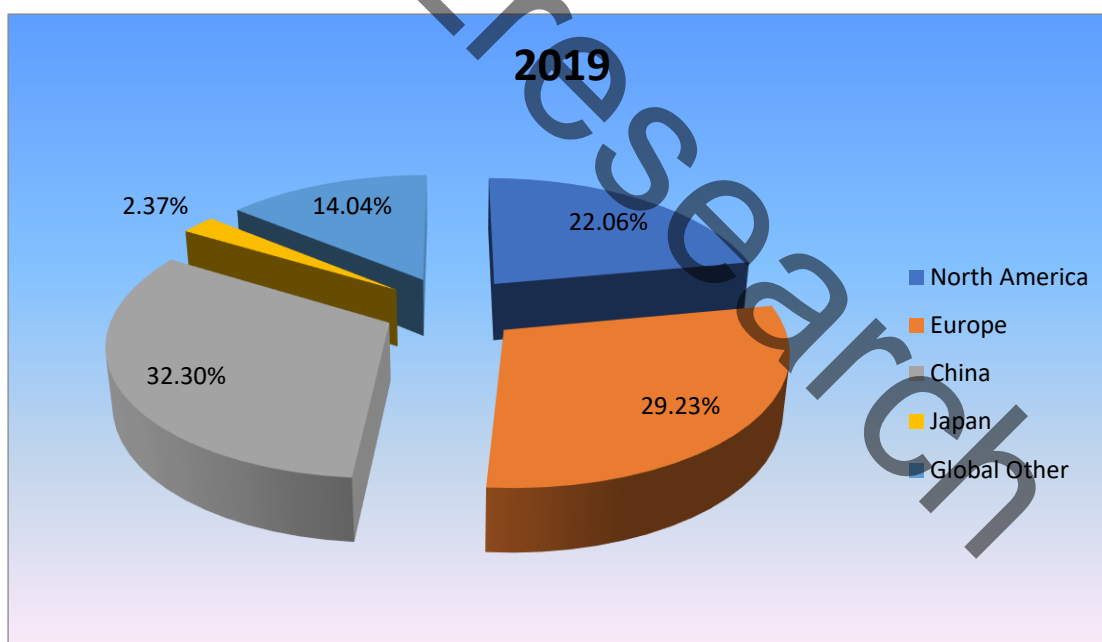
3.2 Global Zinc Dust Production (K MT) and Market Share (%) by Regions (2015-2020)

Table Global Zinc Dust Production (K MT) by Regions (2015-2020)

	2015	2016	2017	2018	2019	2020
North America	78.0	79.1	78.0	81.0	83.6	86.2
Europe	105.1	106.9	103.7	107.6	110.8	114.1
China	111.4	119.2	109.3	118.4	122.4	124.5
Japan	7.9	8.4	8.2	8.9	9.0	9.1
Global Other	43.0	45.8	46.9	51.4	53.2	55.1
Global Total	345.4	359.4	346.1	367.3	379.0	389.0
	2015	2016	2017	2018	2019	2020

Source: Secondary Sources and XYZ Chemical & Material Research Center, 2020

Figure 2019 Global Zinc Dust Production Market Share (%) by Regions



Source: XYZ Chemical & Material Research Center, 2020

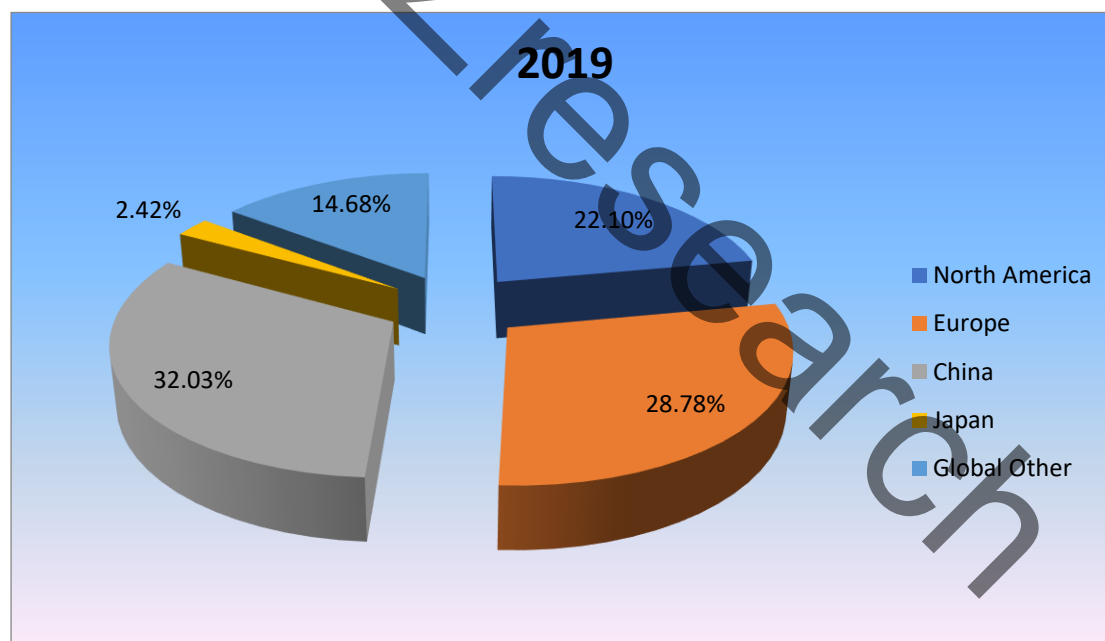
3.3 Global Zinc Dust Revenue and Market Share (%) by Regions (2015-2020)

Table Global Zinc Dust Revenue (Million USD) by Regions (2015-2020)

Revenue	2015	2016	2017	2018	2019	2020
North America	246.7	237.9	281.4	315.8	293.2	278.1
Europe	327.0	316.2	367.8	412.1	381.9	361.9
China	350.6	355.6	390.7	456.7	425.1	398.2
Japan	25.5	25.7	30.1	35.3	32.1	29.9
Global Other	142.4	143.9	176.8	209.1	194.8	185.5
Global Total	1092.2	1079.3	1246.9	1429.0	1327.1	1253.6
Revenue	2015	2016	2017	2018	2019	2020

Source: XYZ Chemical & Material Research Center, 2020

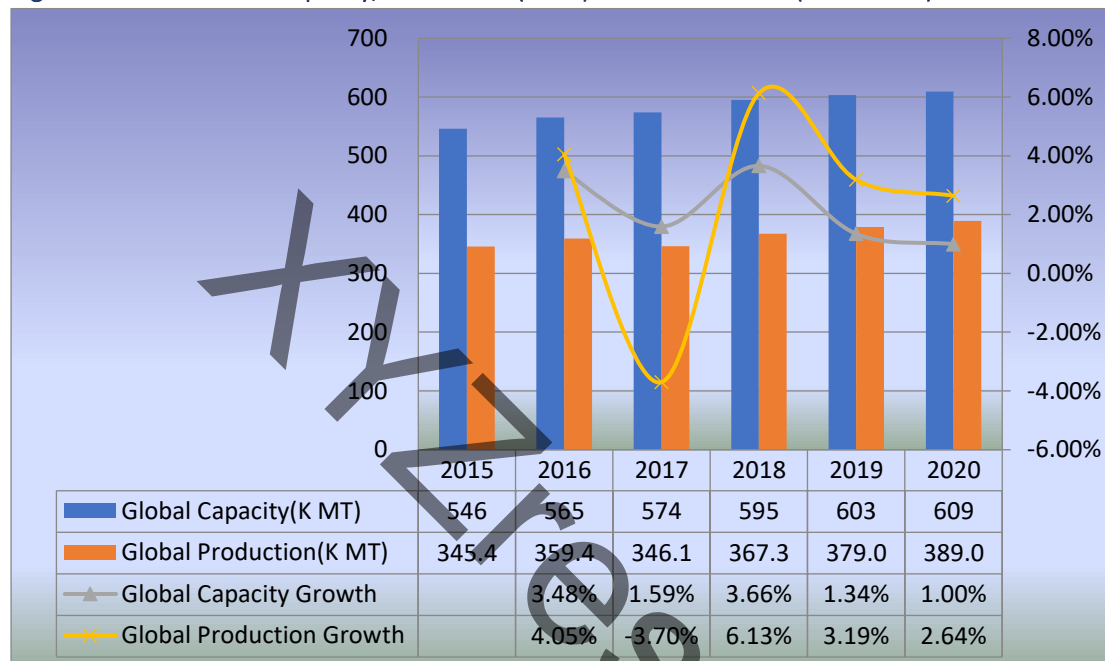
Figure 2019 Global Zinc Dust Revenue Market Share (%) by Regions



Source: XYZ Chemical & Material Research Center, 2020

3.4 Global Zinc Dust Capacity, Production (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (%) (2015-2020)

Figure Global Zinc Dust Capacity, Production (K MT) and Growth Rate (2015-2020)



Source: XYZ Chemical & Material Research Center, 2020

Table Global Zinc Dust Capacity, Production (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (%) (2015-2020)

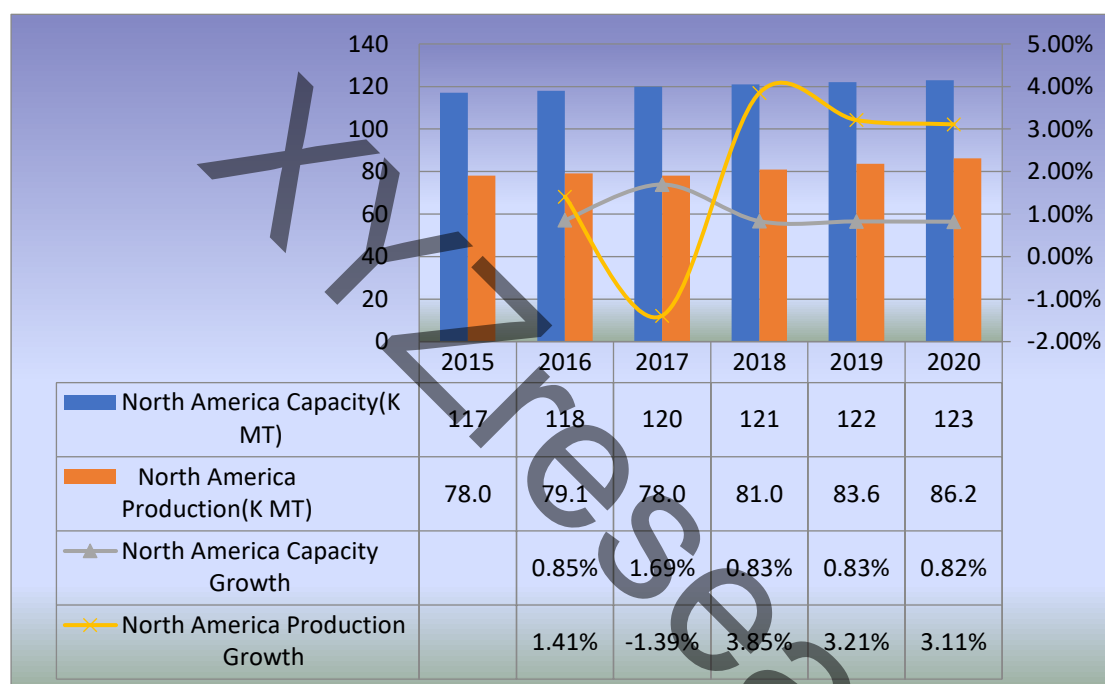
Global Total	2015	2016	2017	2018	2019	2020
Capacity(K MT)	546	565	574	595	603	609
Production(K MT)	345.4	359.4	346.1	367.3	379.0	389.0
Capacity Utilization Rate	63.26%	63.61%	60.30%	61.73%	62.85%	63.88%
Price(USD/MT)	3162	3003	3603	3891	3502	3223
Revenue(Million USD)	1092.17	1079.26	1246.85	1429.03	1327.13	1253.62
Cost(USD/MT)	2878	2687	3247	3512	3164	2920
Gross(USD/MT)	284	316	356	379	337	303
Gross Margin	8.98%	10.53%	9.87%	9.74%	9.63%	9.39%

Source: XYZ Chemical & Material Research Center, 2020

3.5 North America Zinc Dust Production (2015-2020)

3.5.1 North America Zinc Dust Production (K MT) and Growth Rate (%) (2015-2020)

Figure North America Zinc Dust Production (K MT) and Growth Rate (%) (2015-2020)



Source: XYZ Chemical & Material Research Center, 2020

3.5.2 North America Zinc Dust Capacity, Production (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (%) (2015-2020)

Table North America Zinc Dust Capacity, Production (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (%) (2015-2020)

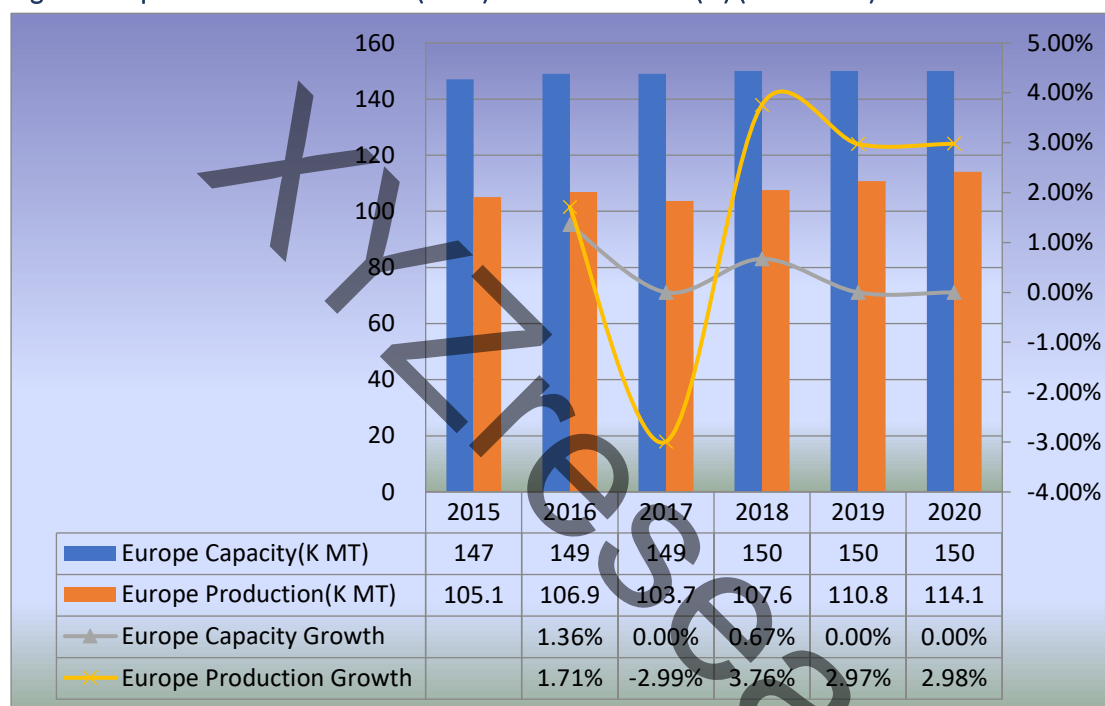
North America	2015	2016	2017	2018	2019	2020
Capacity(K MT)	117	118	120	121	122	123
Production(K MT)	78.0	79.1	78.0	81.0	83.6	86.2
Capacity Utilization Rate	66.67%	67.03%	65.00%	66.94%	68.52%	70.08%
Price(USD/MT)	3163	3007	3608	3899	3508	3227
Revenue(Million USD)	246.68	237.87	281.44	315.79	293.23	278.13
Cost(USD/MT)	2782	2618	3172	3442	3106	2880
Gross(USD/MT)	380	389	436	457	401	346
Gross Margin	12.02%	12.95%	12.08%	11.72%	11.44%	10.74%

Source: XYZ Chemical & Material Research Center, 2020

3.6 Europe Zinc Dust Production (2015-2020)

3.6.1 Europe Zinc Dust Production (K MT) and Growth Rate (%) (2015-2020)

Figure Europe Zinc Dust Production (K MT) and Growth Rate (%) (2015-2020)



Source: XYZ Chemical & Material Research Center, 2020

3.6.2 Europe Zinc Dust Capacity, Production (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (%) (2015-2020)

Table Europe Zinc Dust Capacity, Production (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (%) (2015-2020)

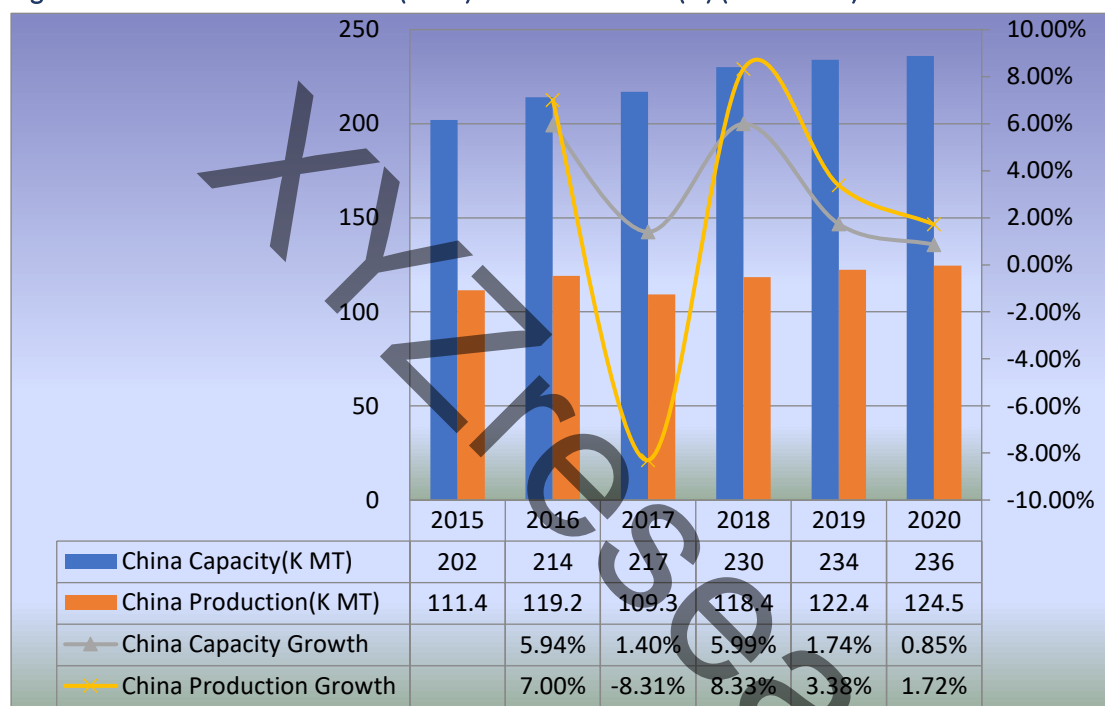
Europe	2015	2016	2017	2018	2019	2020
Capacity(K MT)	147	149	149	150	150	150
Production(K MT)	105.1	106.9	103.7	107.6	110.8	114.1
Capacity Utilization Rate	71.50%	71.74%	69.60%	71.73%	73.87%	76.07%
Price(USD/MT)	3112	2958	3546	3830	3447	3172
Revenue(Million USD)	327.04	316.17	367.76	412.06	381.90	361.93
Cost(USD/MT)	2728	2575	3107	3352	3019	2782
Gross(USD/MT)	383	382	440	477	428	390
Gross Margin	12.32%	12.93%	12.40%	12.46%	12.42%	12.31%

Source: XYZ Chemical & Material Research Center, 2020

3.7 China Zinc Dust Production (2015-2020)

3.7.1 China Zinc Dust Production (K MT) and Growth Rate (%) (2015-2020)

Figure China Zinc Dust Production (K MT) and Growth Rate (%) (2015-2020)



Source: XYZ Chemical & Material Research Center, 2020

3.7.2 China Zinc Dust Capacity, Production (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (%) (2015-2020)

Table China Zinc Dust Capacity, Production (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (%) (2015-2020)

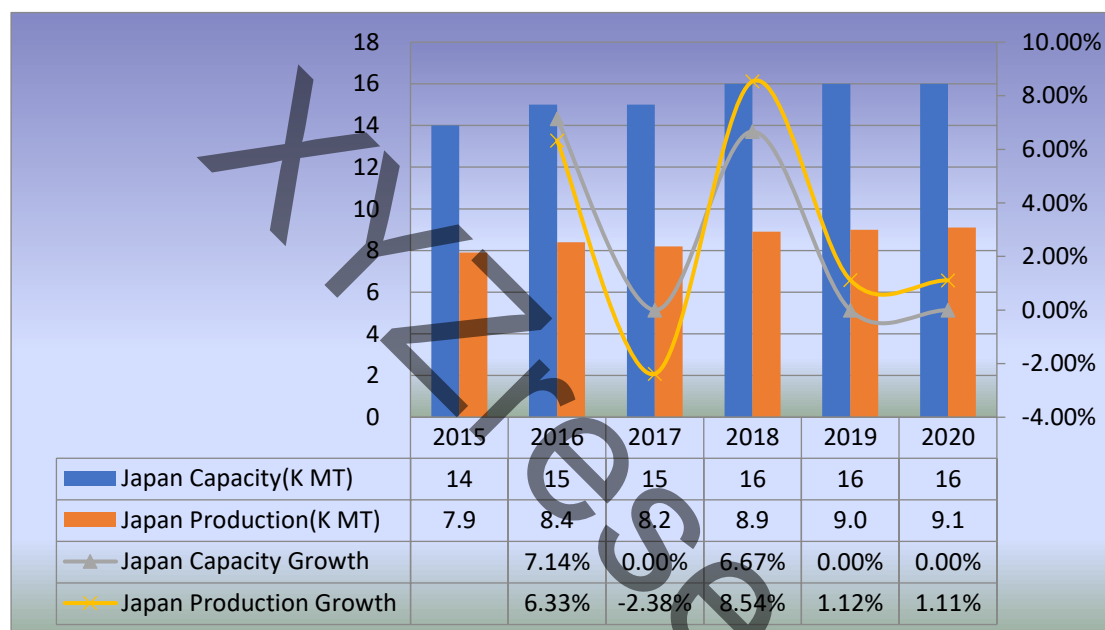
China	2015	2016	2017	2018	2019	2020
Capacity(K MT)	202	214	217	230	234	236
Production(K MT)	111.4	119.2	109.3	118.4	122.4	124.5
Capacity Utilization Rate	55.15%	55.70%	50.37%	51.48%	52.31%	52.75%
Price(USD/MT)	3148	2983	3575	3858	3473	3198
Revenue(Million USD)	350.63	355.60	390.73	456.74	425.06	398.18
Cost(USD/MT)	3039	2776	3365	3637	3274	3019
Gross(USD/MT)	108	208	210	221	199	179
Gross Margin	3.44%	6.96%	5.87%	5.72%	5.73%	5.61%

Source: XYZ Chemical & Material Research Center, 2020

3.8 Japan Zinc Dust Production (2015-2020)

3.8.1 Japan Zinc Dust Production (K MT) and Growth Rate (%) (2015-2020)

Figure Japan Zinc Dust Production (K MT) and Growth Rate (%) (2015-2020)



Source: XYZ Chemical & Material Research Center, 2020

3.8.2 Japan Zinc Dust Capacity, Production (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (%) (2015-2020)

Table Japan Zinc Dust Capacity, Production (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (%) (2015-2020)

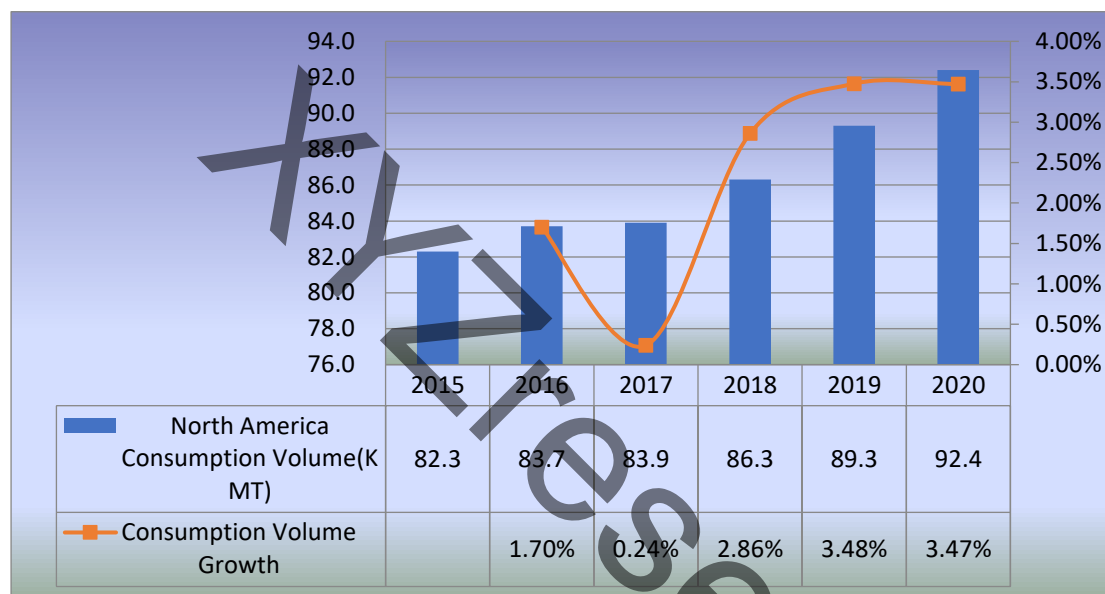
Japan	2015	2016	2017	2018	2019	2020
Capacity(K MT)	14	15	15	16	16	16
Production(K MT)	7.9	8.4	8.2	8.9	9	9.1
Capacity Utilization Rate	56.43%	56.00%	54.67%	55.63%	56.25%	56.88%
Price(USD/MT)	3222	3059	3674	3967	3570	3285
Revenue(Million USD)	25.45	25.70	30.13	35.31	32.13	29.89
Cost(USD/MT)	3000	2838	3422	3697	3341	3082
Gross(USD/MT)	221	221	253	270	228	202
Gross Margin	6.87%	7.23%	6.88%	6.80%	6.39%	6.15%

Source: XYZ Chemical & Material Research Center, 2020

4 Global Zinc Dust Consumption by Region (2015-2020)

4.1 North America Zinc Dust Consumption (2015-2020)

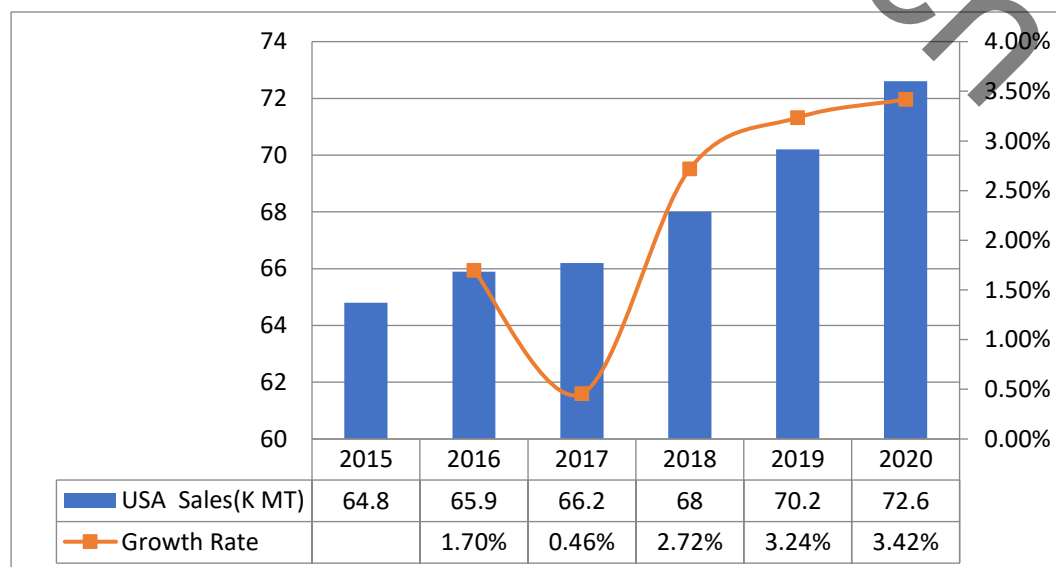
Figure North America Zinc Dust Consumption (2015-2020)



Source: Secondary Sources, Customs Data and XYZ Chemical & Material Research Center, 2020

4.1.1 USA Zinc Dust Consumption (2015-2020)

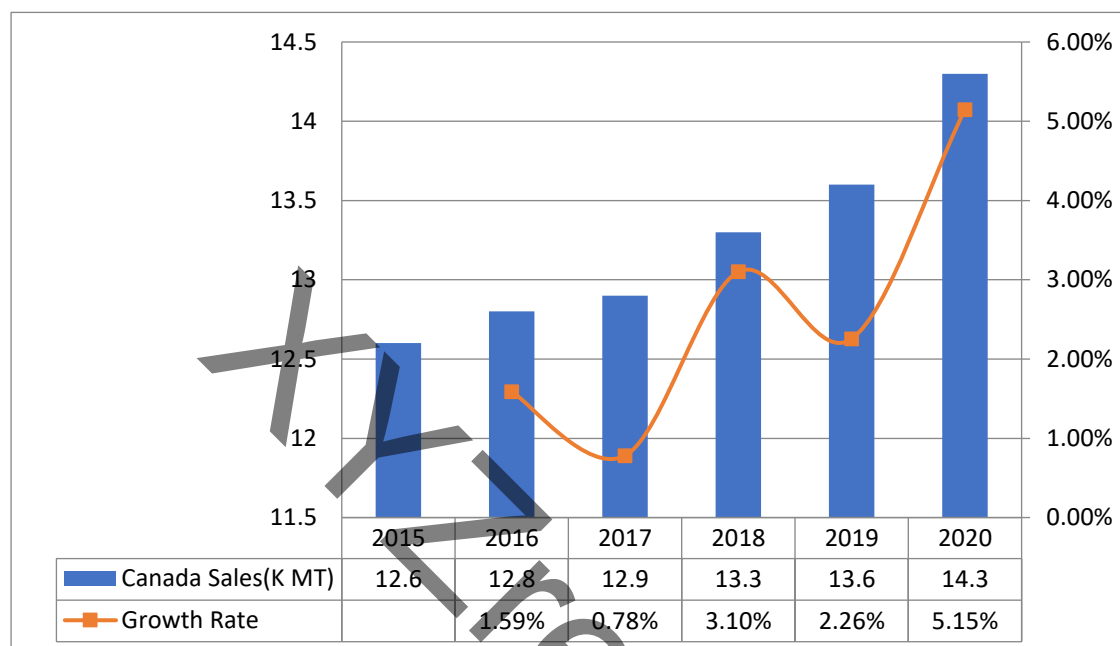
Figure USA Zinc Dust Consumption (2015-2020)



Source: Secondary Sources, Customs Data and XYZ Chemical & Material Research Center, 2020

4.1.2 Canada Zinc Dust Consumption (2015-2020)

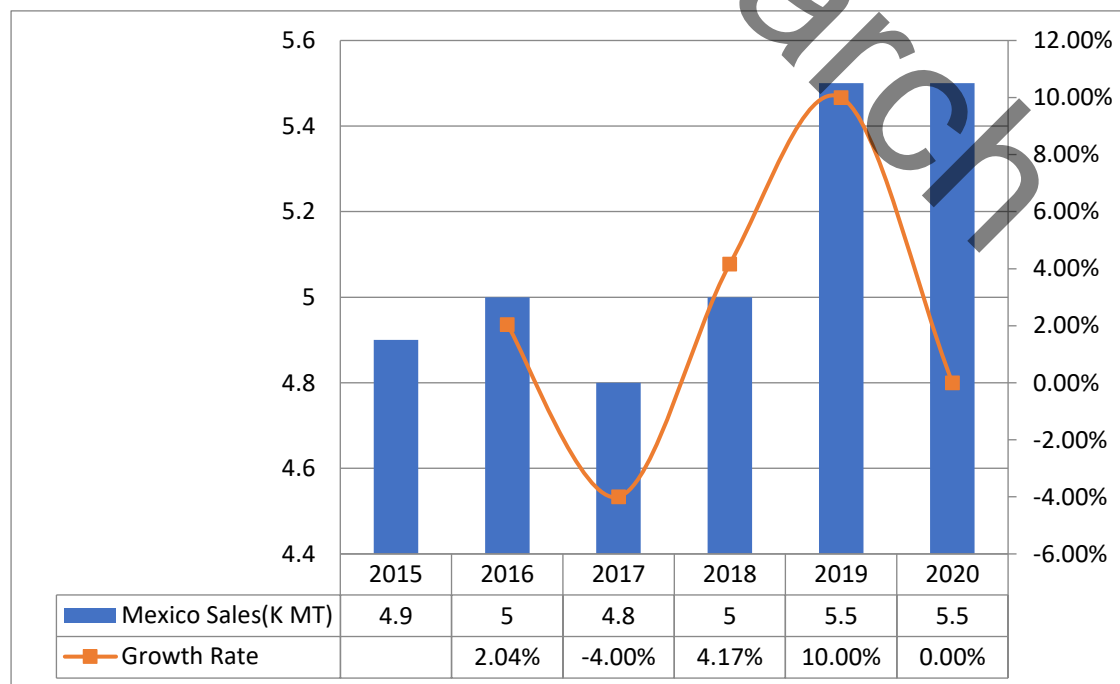
Figure Canada Zinc Dust Consumption (2015-2020)



Source: Secondary Sources, Customs Data and XYZ Chemical & Material Research Center, 2020

4.1.3 Mexico Zinc Dust Consumption (2015-2020)

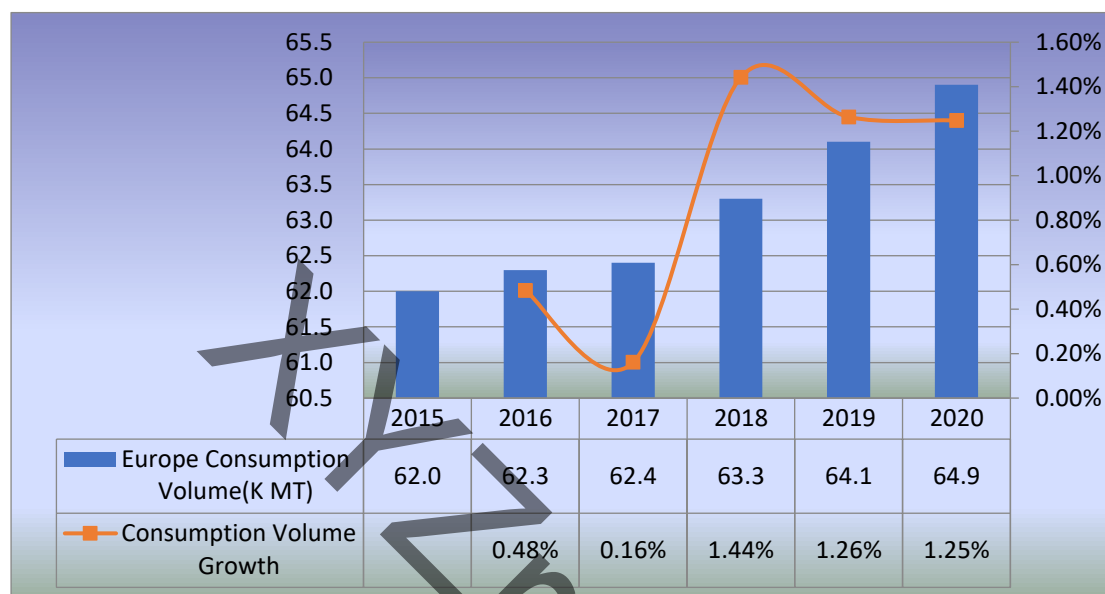
Figure Mexico Zinc Dust Consumption (2015-2020)



Source: Secondary Sources, Customs Data and XYZ Chemical & Material Research Center, 2020

4.2 Europe Zinc Dust Consumption (2015-2020)

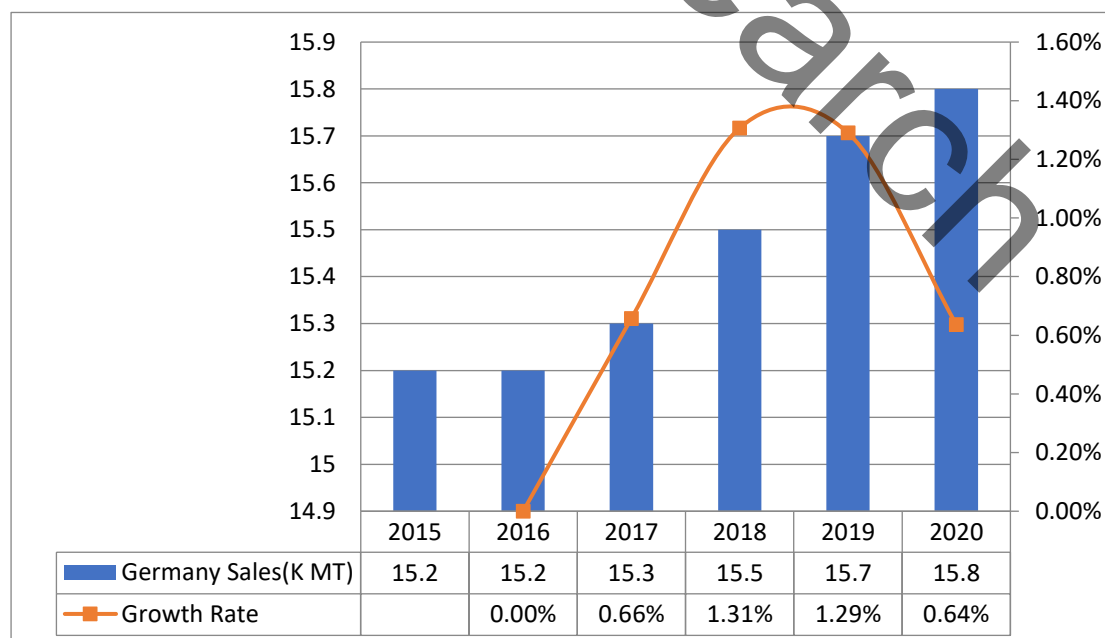
Figure Europe Zinc Dust Consumption (2015-2020)



Source: Secondary Sources, Customs Data and XYZ Chemical & Material Research Center, 2020

4.2.1 Germany Zinc Dust Consumption (2015-2020)

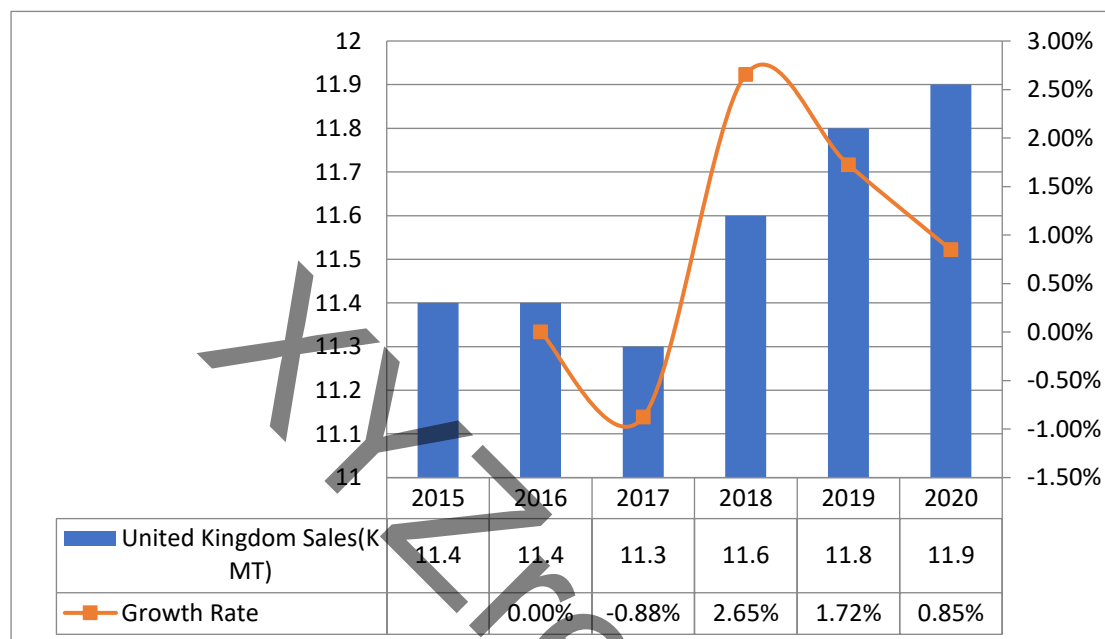
Figure Germany Zinc Dust Consumption (2015-2020)



Source: Secondary Sources, Customs Data and XYZ Chemical & Material Research Center, 2020

4.2.2 UK Zinc Dust Consumption (2015-2020)

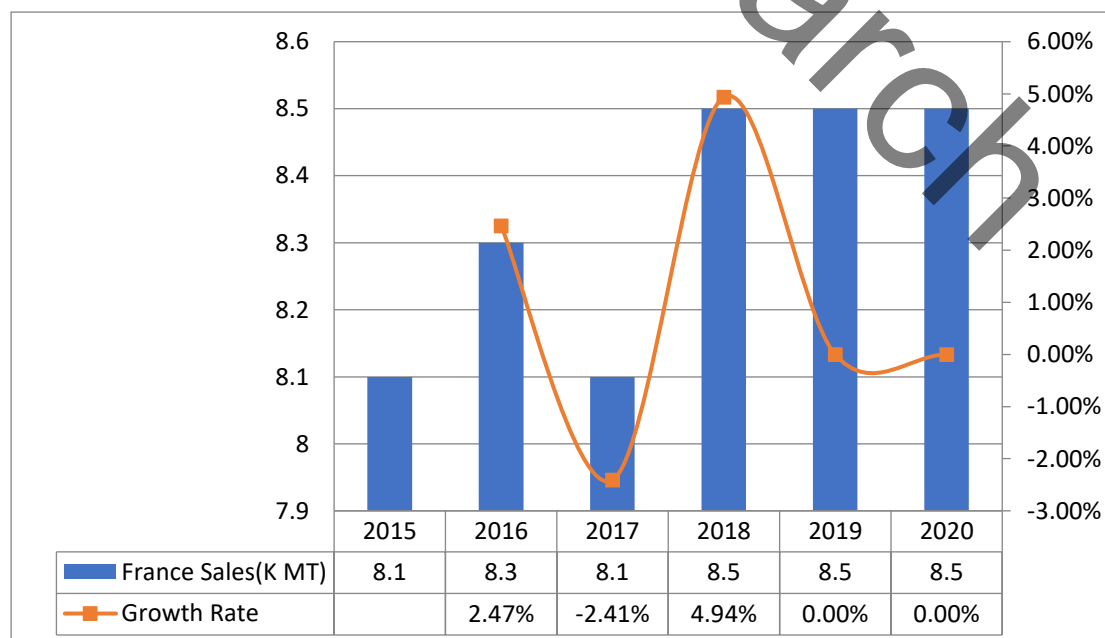
Figure UK Zinc Dust Consumption (2015-2020)



Source: Secondary Sources, Customs Data and XYZ Chemical & Material Research Center, 2020

4.2.3 France Zinc Dust Consumption (2015-2020)

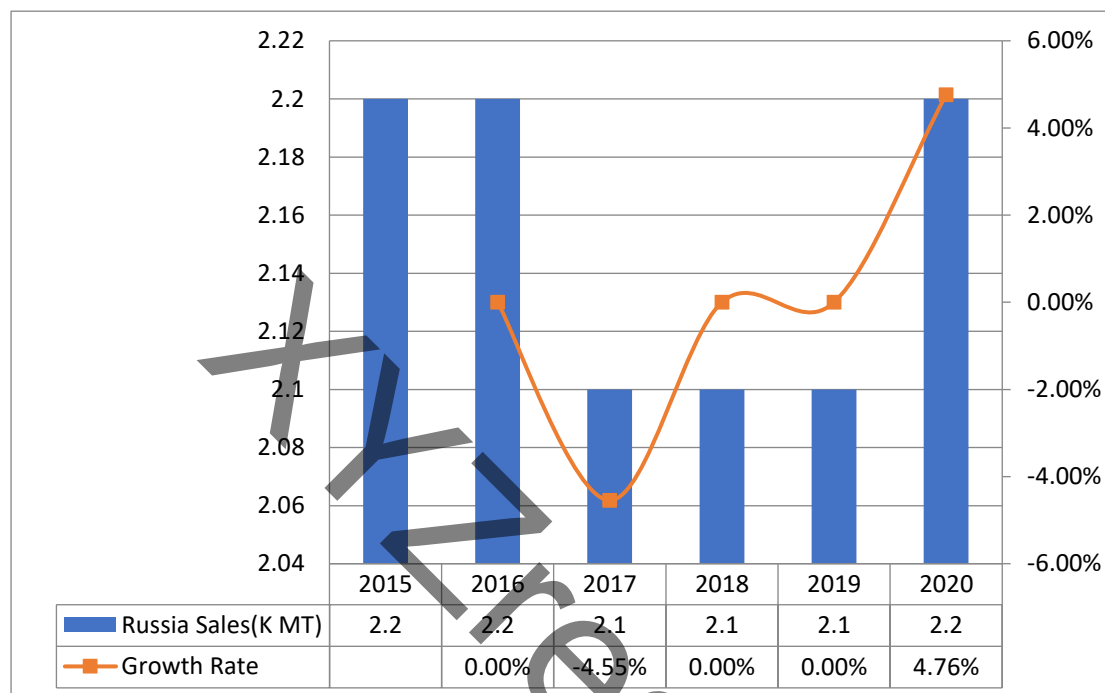
Figure France Zinc Dust Consumption (2015-2020)



Source: Secondary Sources, Customs Data and XYZ Chemical & Material Research Center, 2020

4.2.4 Russia Zinc Dust Consumption (2015-2020)

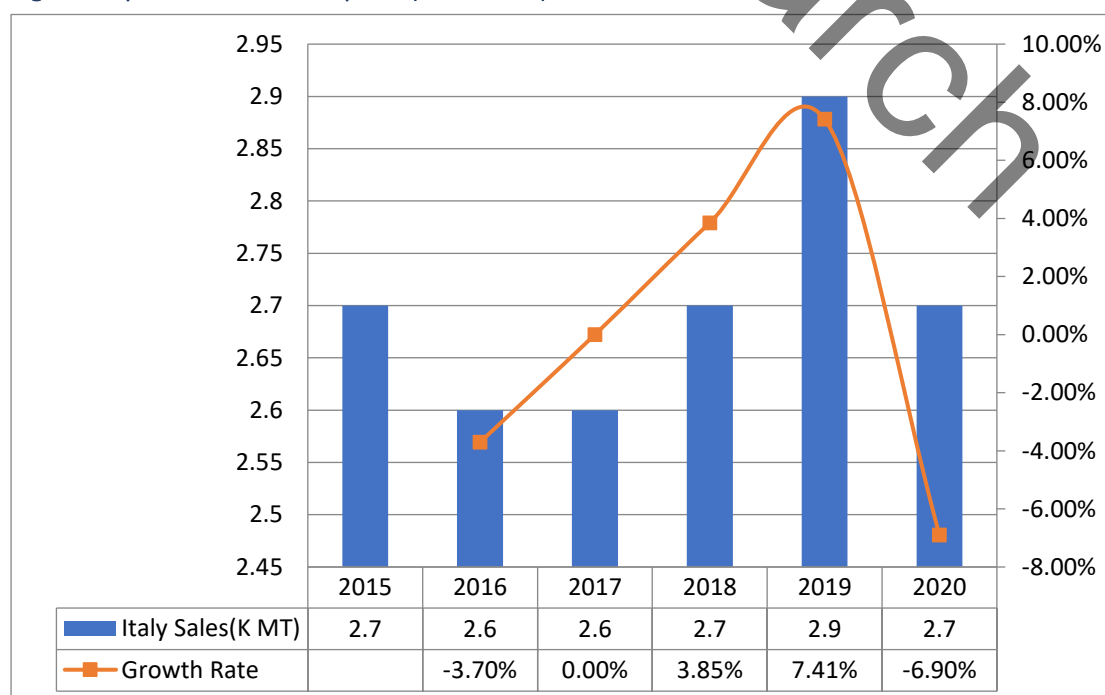
Figure Russia Zinc Dust Consumption (2015-2020)



Source: Secondary Sources, Customs Data and XYZ Chemical & Material Research Center, 2020

4.2.5 Italy Zinc Dust Consumption (2015-2020)

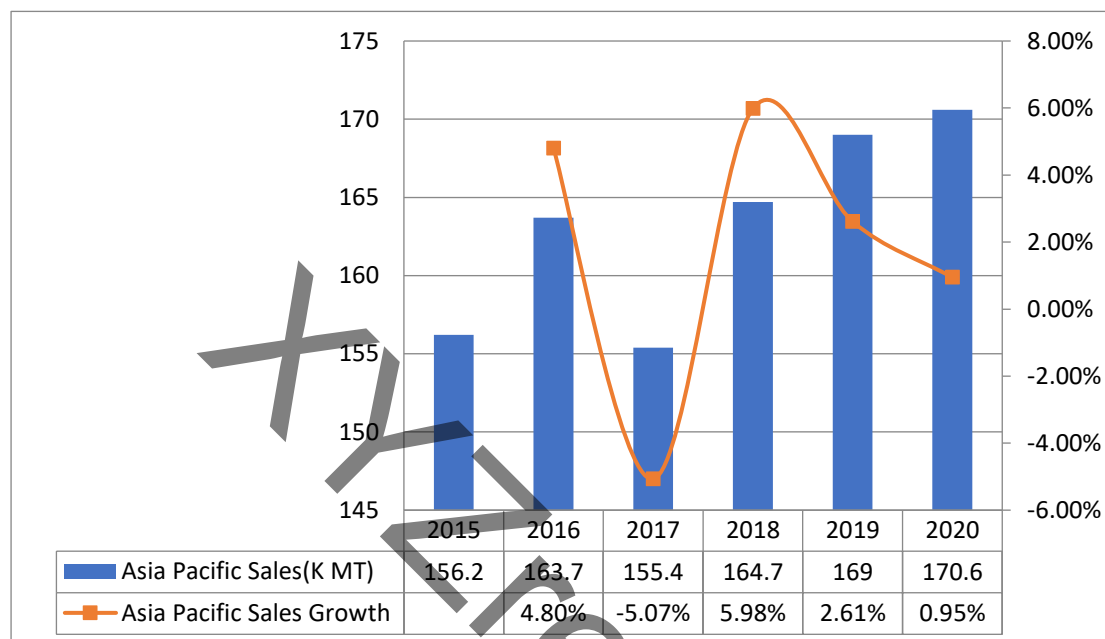
Figure Italy Zinc Dust Consumption (2015-2020)



Source: Secondary Sources, Customs Data and XYZ Chemical & Material Research Center, 2020

4.3 Asia Zinc Dust Consumption (2015-2020)

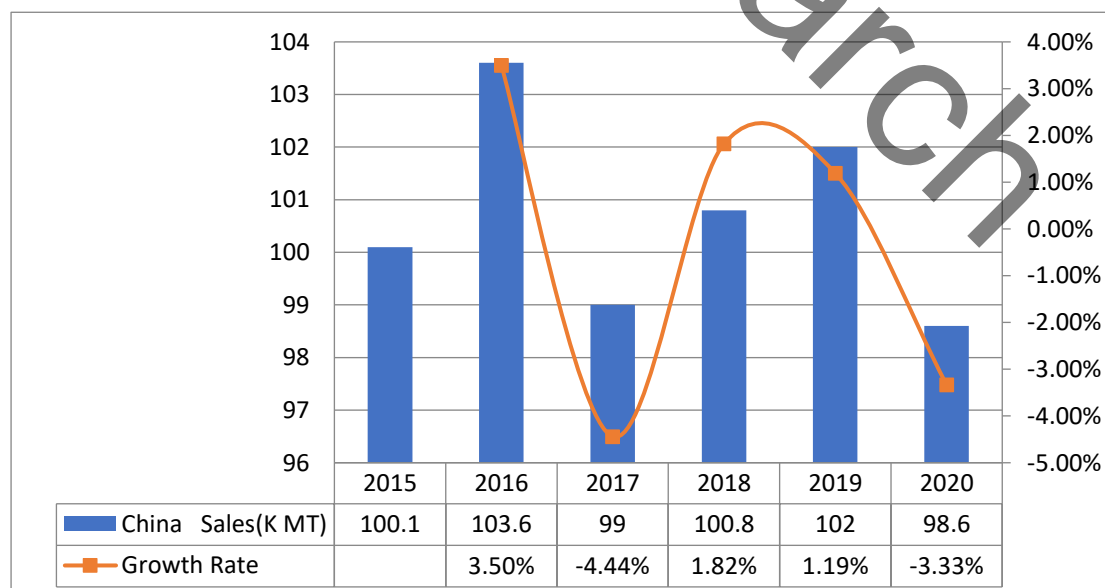
Figure Asia Zinc Dust Consumption (2015-2020)



Source: Secondary Sources, Customs Data and XYZ Chemical & Material Research Center, 2020

4.3.1 China Zinc Dust Consumption (2015-2020)

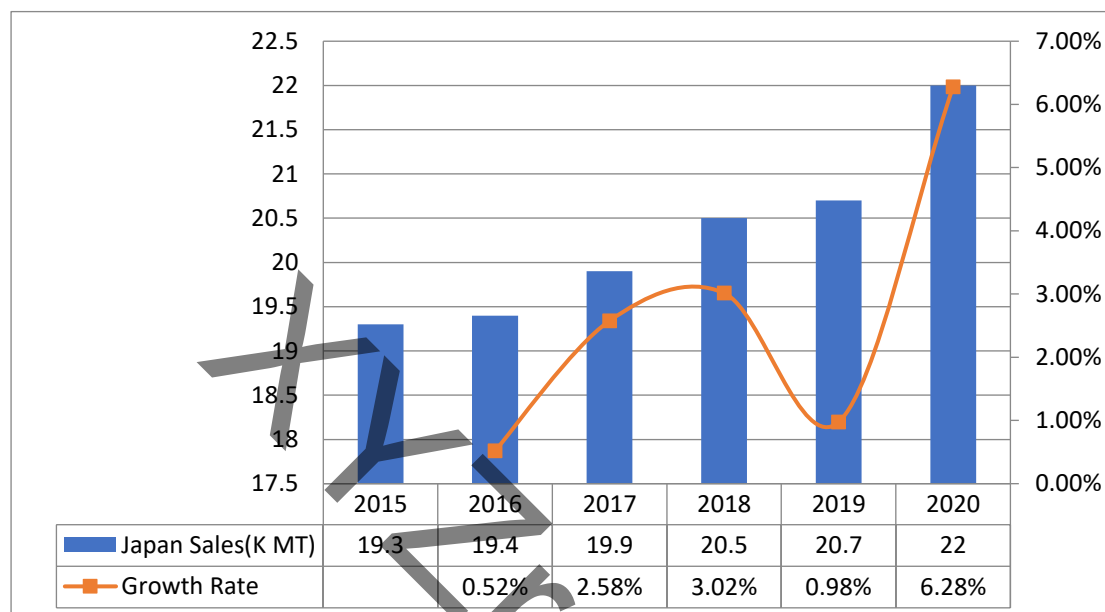
Figure China Zinc Dust Consumption (2015-2020)



Source: Secondary Sources, Customs Data and XYZ Chemical & Material Research Center, 2020

4.3.2 Japan Zinc Dust Consumption (2015-2020)

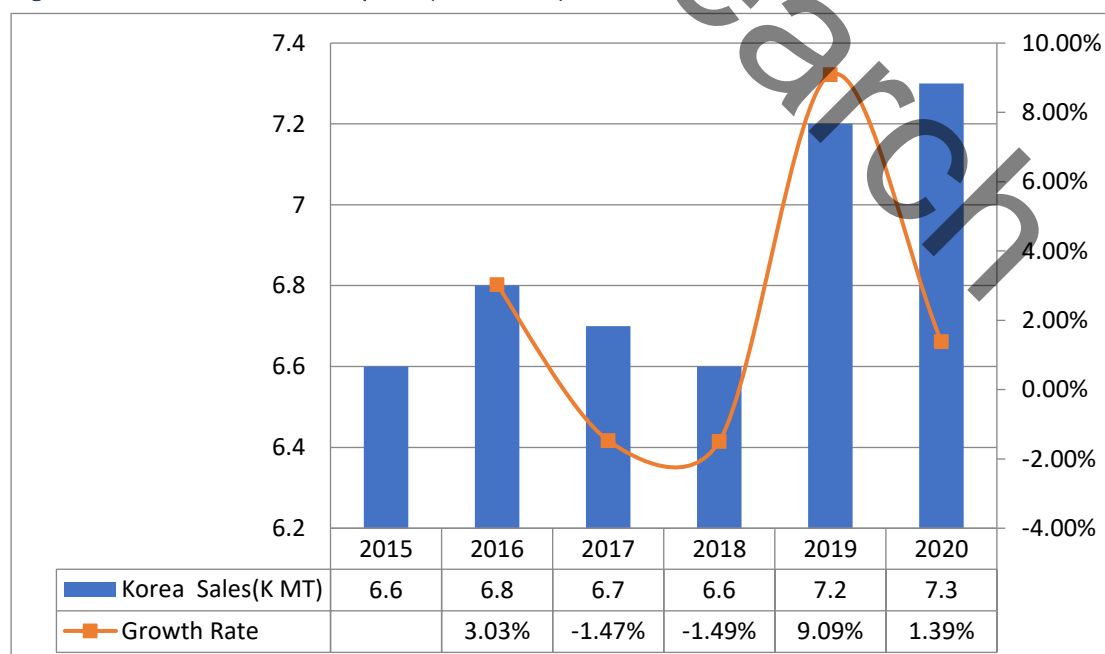
Figure Japan Zinc Dust Consumption (2015-2020)



Source: Secondary Sources, Customs Data and XYZ Chemical & Material Research Center, 2020

4.3.3 Korea Zinc Dust Consumption (2015-2020)

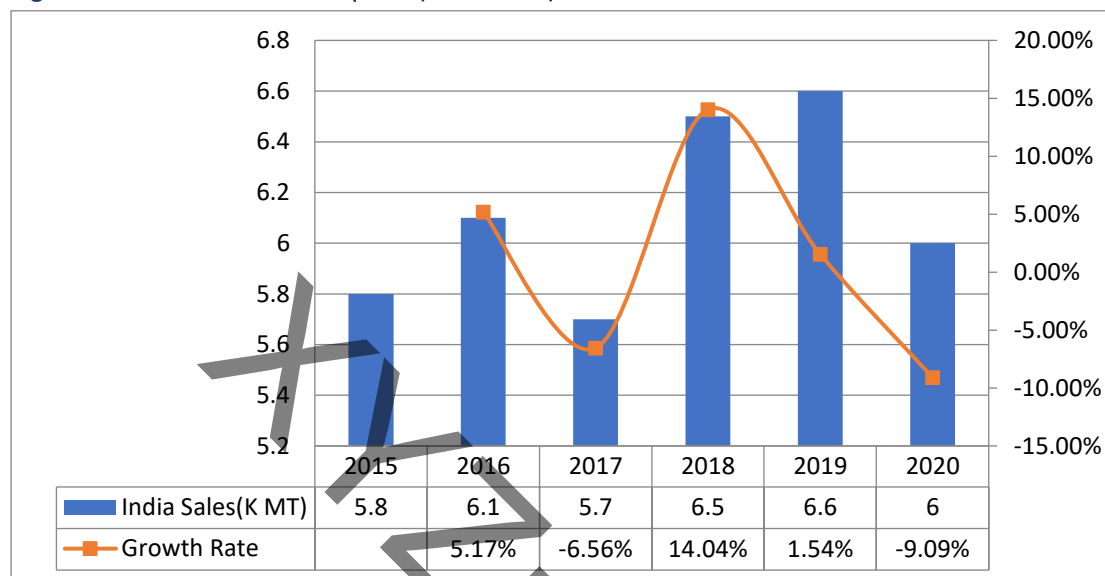
Figure Korea Zinc Dust Consumption (2015-2020)



Source: Secondary Sources, Customs Data and XYZ Chemical & Material Research Center, 2020

4.3.4 India Zinc Dust Consumption (2015-2020)

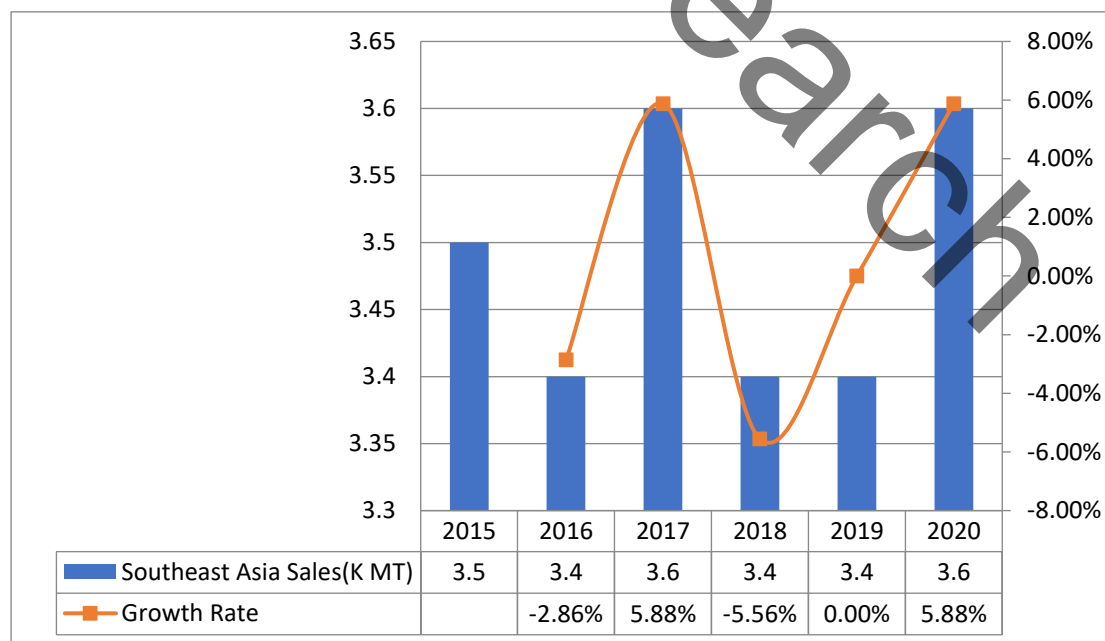
Figure India Zinc Dust Consumption (2015-2020)



Source: Secondary Sources, Customs Data and XYZ Chemical & Material Research Center, 2020

4.3.5 South Asia Zinc Dust Consumption (2015-2020)

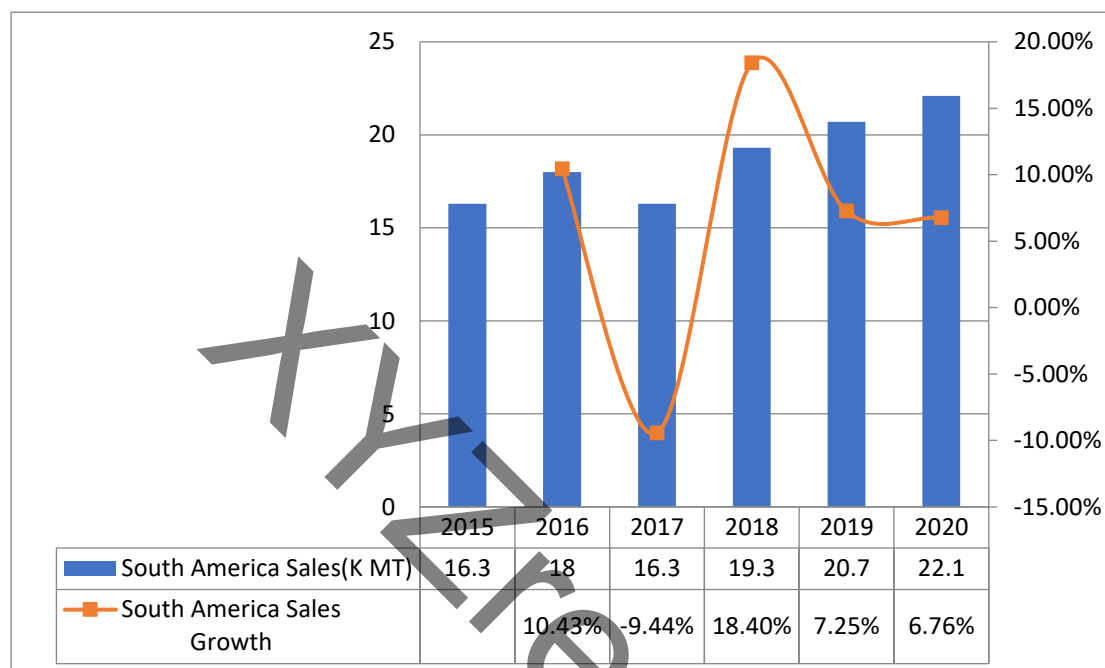
Figure South Asia Zinc Dust Consumption (2015-2020)



Source: Secondary Sources, Customs Data and XYZ Chemical & Material Research Center, 2020

4.4 South America Zinc Dust Consumption (2015-2020)

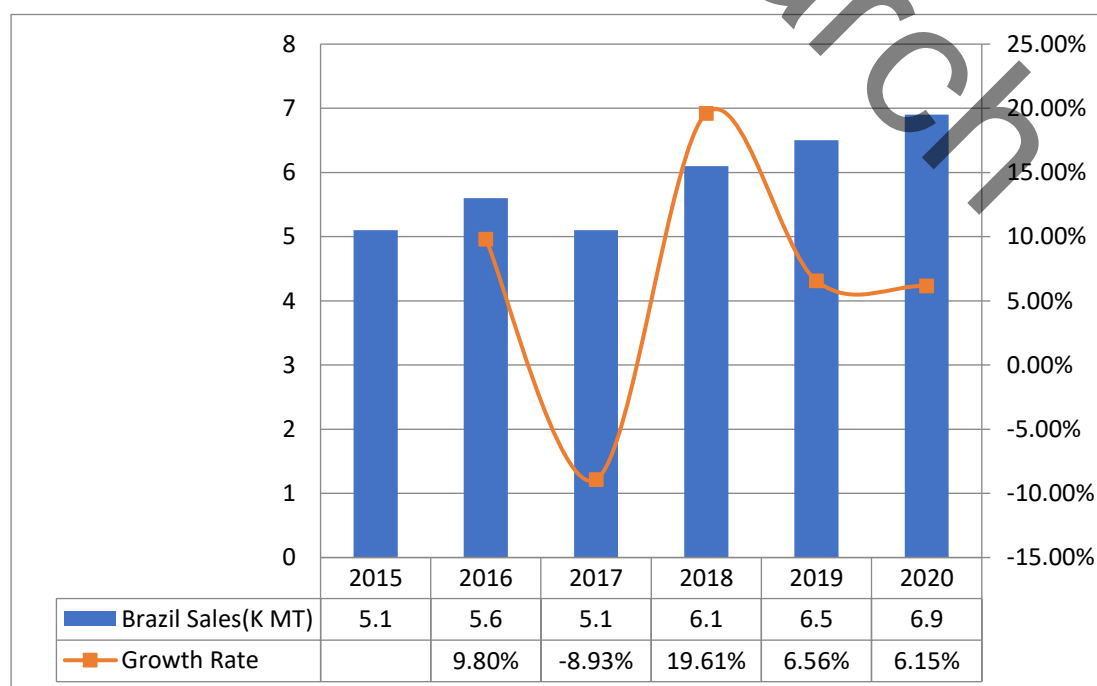
Figure South America Zinc Dust Consumption (2015-2020)



Source: Secondary Sources, Customs Data and XYZ Chemical & Material Research Center, 2020

4.4.1 Brazil Dust Consumption (2015-2020)

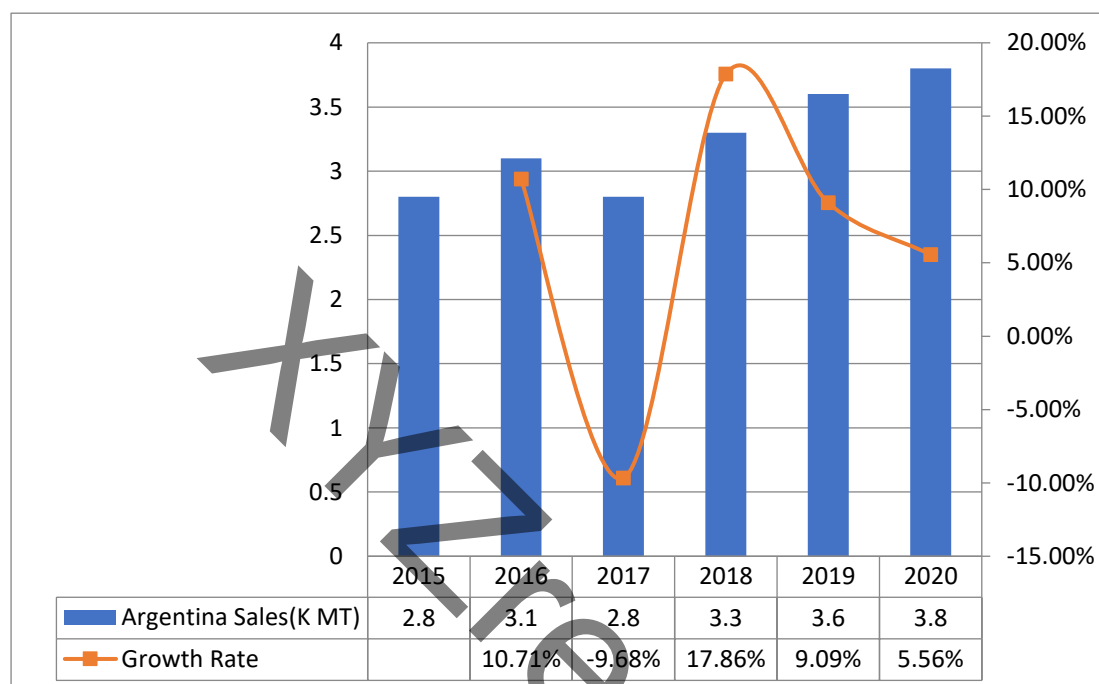
Figure Brazil Dust Consumption (2015-2020)



Source: Secondary Sources, Customs Data and XYZ Chemical & Material Research Center, 2020

4.4.2 Argentina Zinc Dust Consumption (2015-2020)

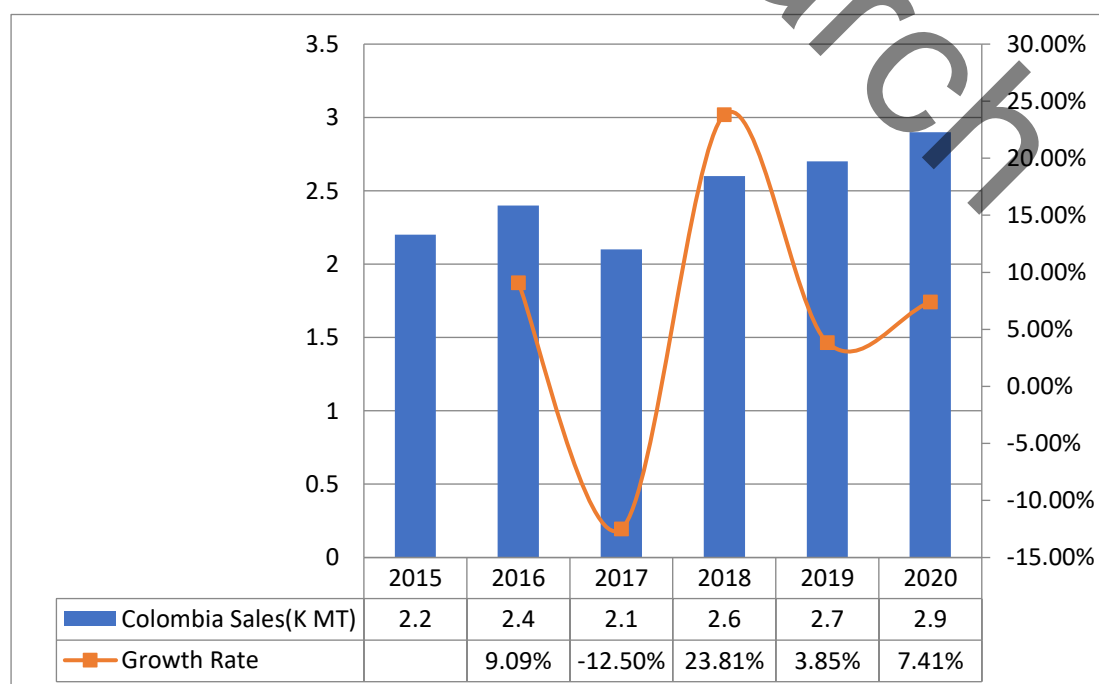
Figure Argentina Zinc Dust Consumption (2015-2020)



Source: Secondary Sources, Customs Data and XYZ Chemical & Material Research Center, 2020

4.4.3 Colombia Zinc Dust Consumption (2015-2020)

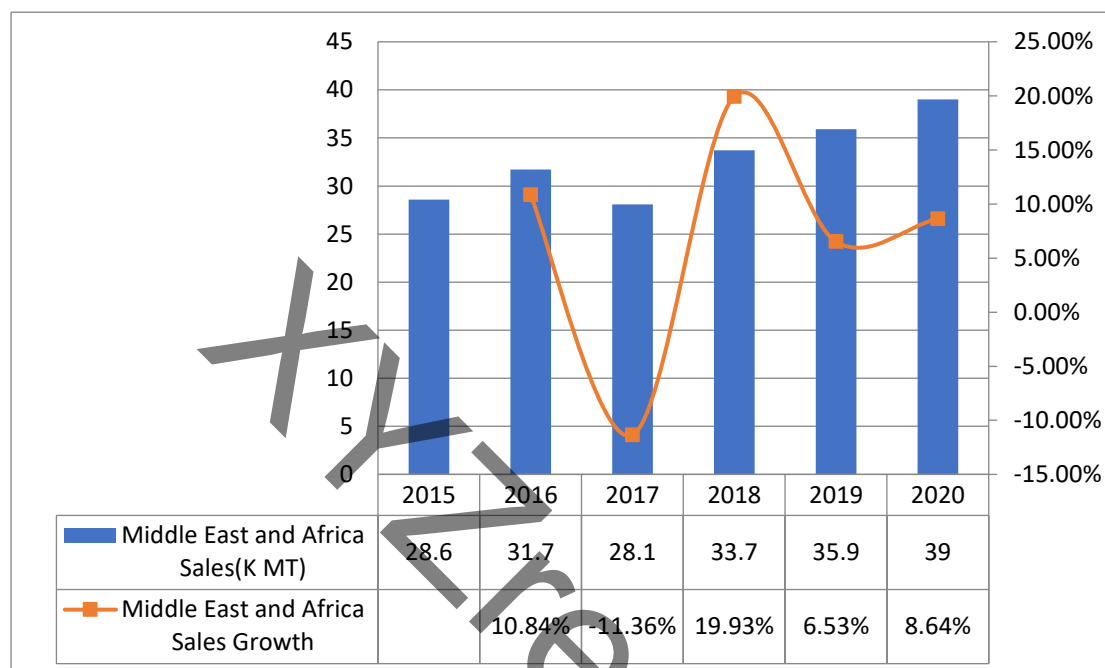
Figure Colombia Zinc Dust Consumption (2015-2020)



Source: Secondary Sources, Customs Data and XYZ Chemical & Material Research Center, 2020

4.5 Middle East and Africa Zinc Dust Consumption (2015-2020)

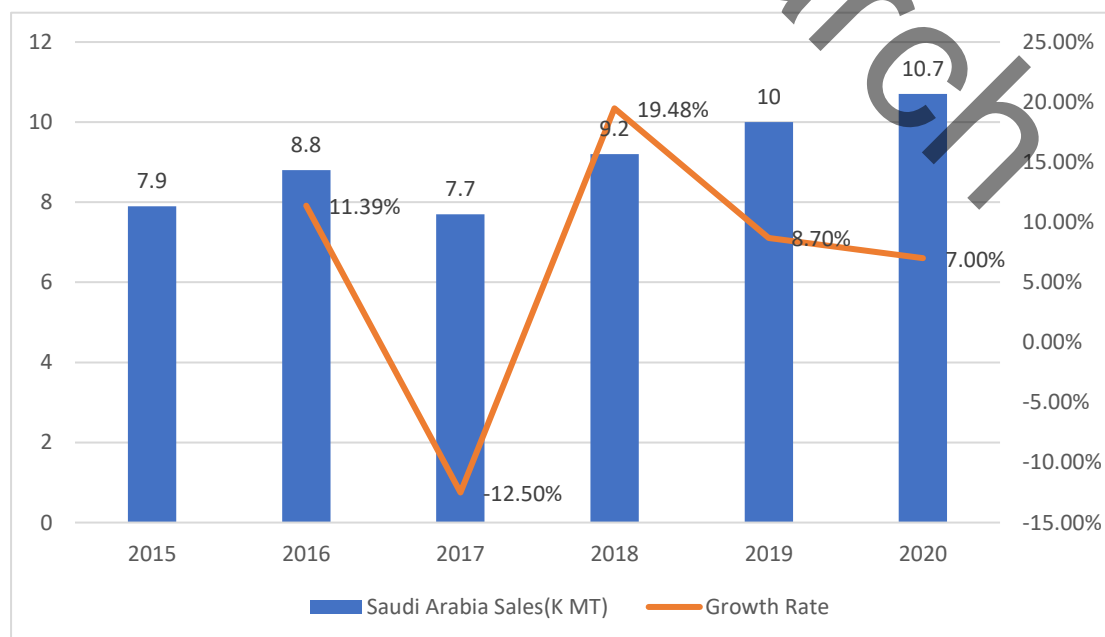
Figure Middle East and Africa Zinc Dust Consumption (2015-2020)



Source: Secondary Sources, Customs Data and XYZ Chemical & Material Research Center, 2020

4.5.1 Saudi Zinc Dust Consumption (2015-2020)

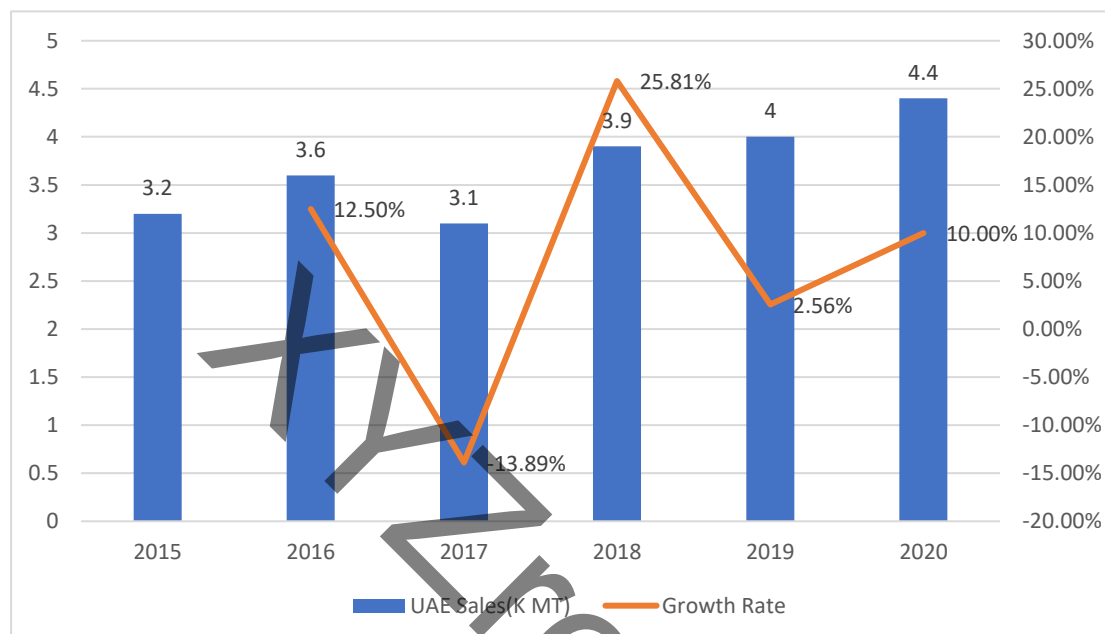
Figure Saudi Zinc Dust Consumption (2015-2020)



Source: Secondary Sources, Customs Data and XYZ Chemical & Material Research Center, 2020

4.5.2 UAE Zinc Dust Consumption (2015-2020)

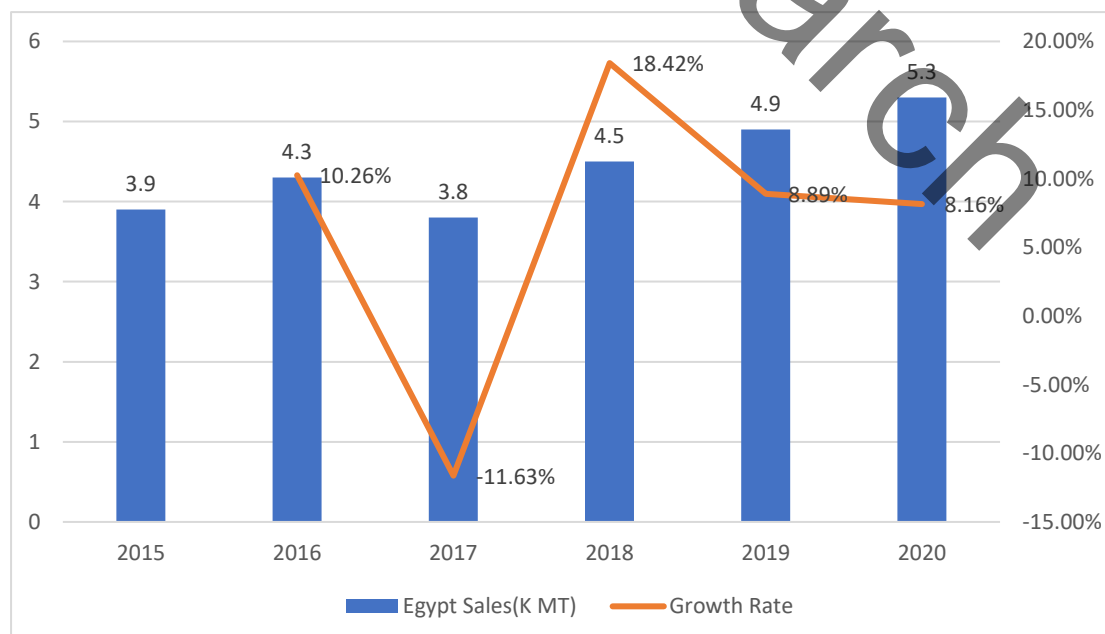
Figure UAE Zinc Dust Consumption (2015-2020)



Source: Secondary Sources, Customs Data and XYZ Chemical & Material Research Center, 2020

4.5.3 Egypt Zinc Dust Consumption (2015-2020)

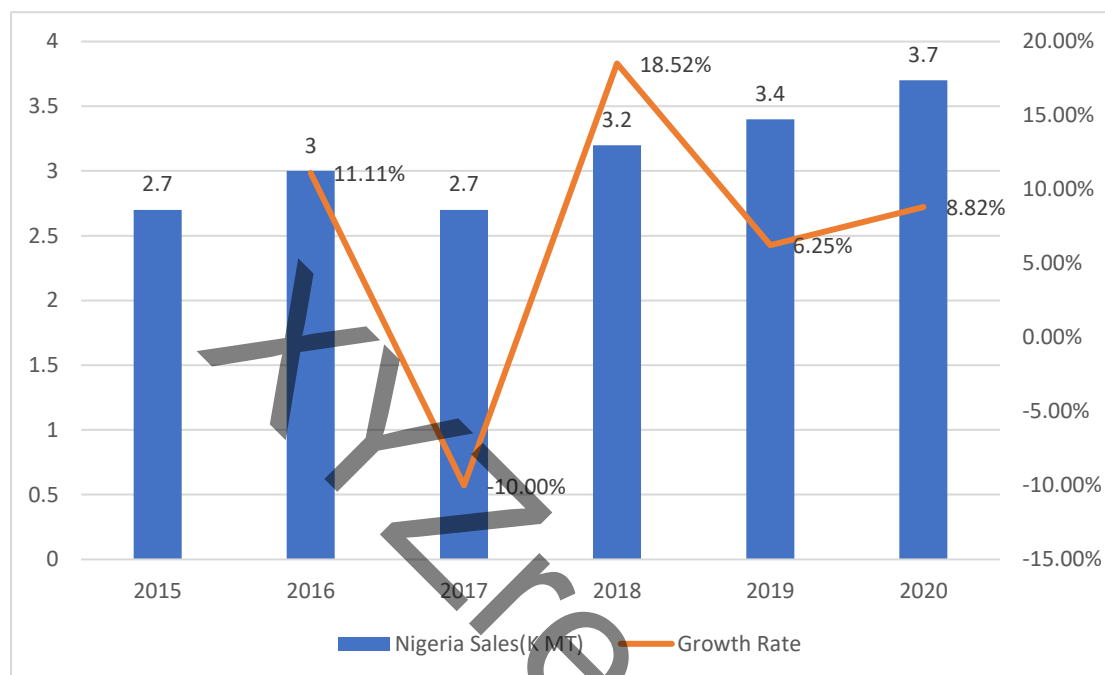
Figure Egypt Zinc Dust Consumption (2015-2020)



Source: Secondary Sources, Customs Data and XYZ Chemical & Material Research Center, 2020

4.5.4 Nigeria Zinc Dust Consumption (2015-2020)

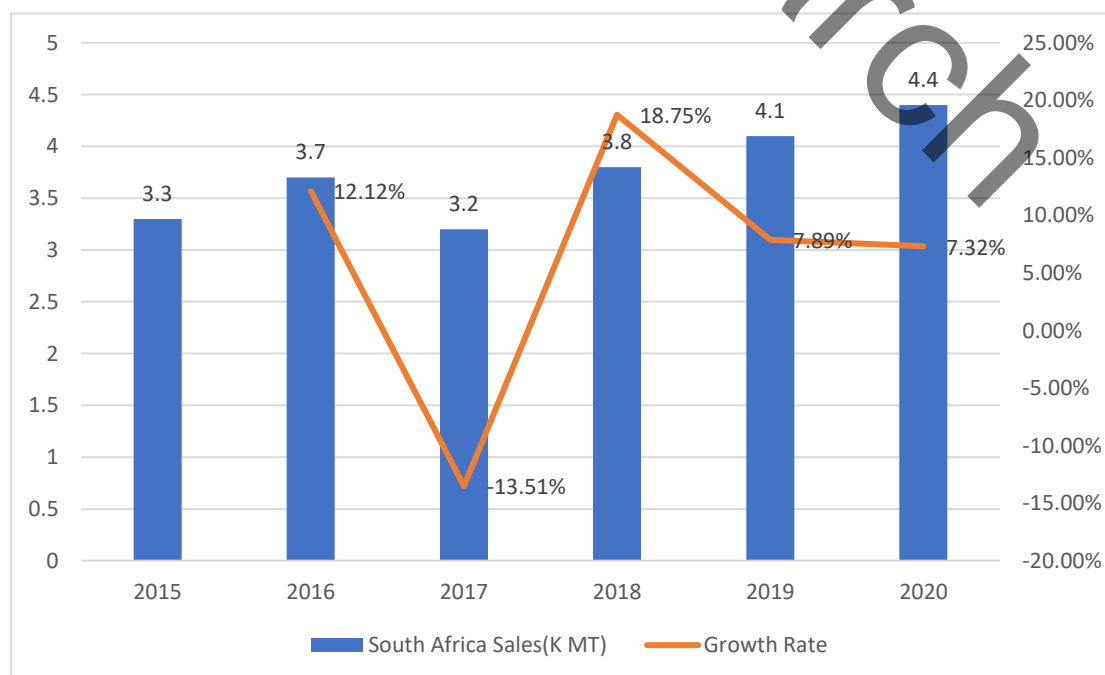
Figure Nigeria Zinc Dust Consumption (2015-2020)



Source: Secondary Sources, Customs Data and XYZ Chemical & Material Research Center, 2020

4.5.5 South Africa Zinc Dust Consumption (2015-2020)

Figure South Africa Zinc Dust Consumption (2015-2020)



Source: Secondary Sources, Customs Data and XYZ Chemical & Material Research Center, 2020

5 Global Zinc Dust Production, Revenue, Price Trend by Types

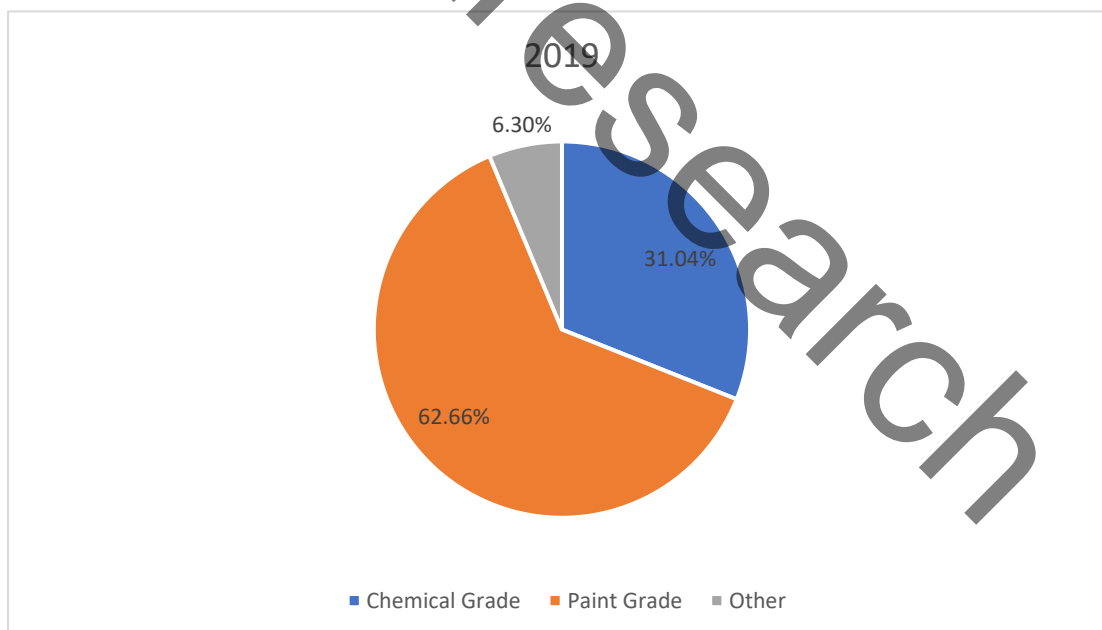
5.1 Global Zinc Dust Production (K MT) and Market Share (%) by Types (2015-2020)

Table Global Zinc Dust Production (K MT) by Types (2015-2020)

	2015	2016	2017	2018	2019	2020
Chemical Grade	107.9	112.1	107.8	115.4	117.6	121.6
Paint Grade	216.1	225.4	216.1	230.2	237.5	242.7
Other	21.4	21.9	22.2	21.7	23.9	24.7
Total	345.4	359.4	346.1	367.3	379.0	389.0

Source: XYZ Chemical & Material Research Center, 2020

Figure 2019 Production Market Share (%) of Zinc Dust by Types



Source: XYZ Chemical & Material Research Center, 2020

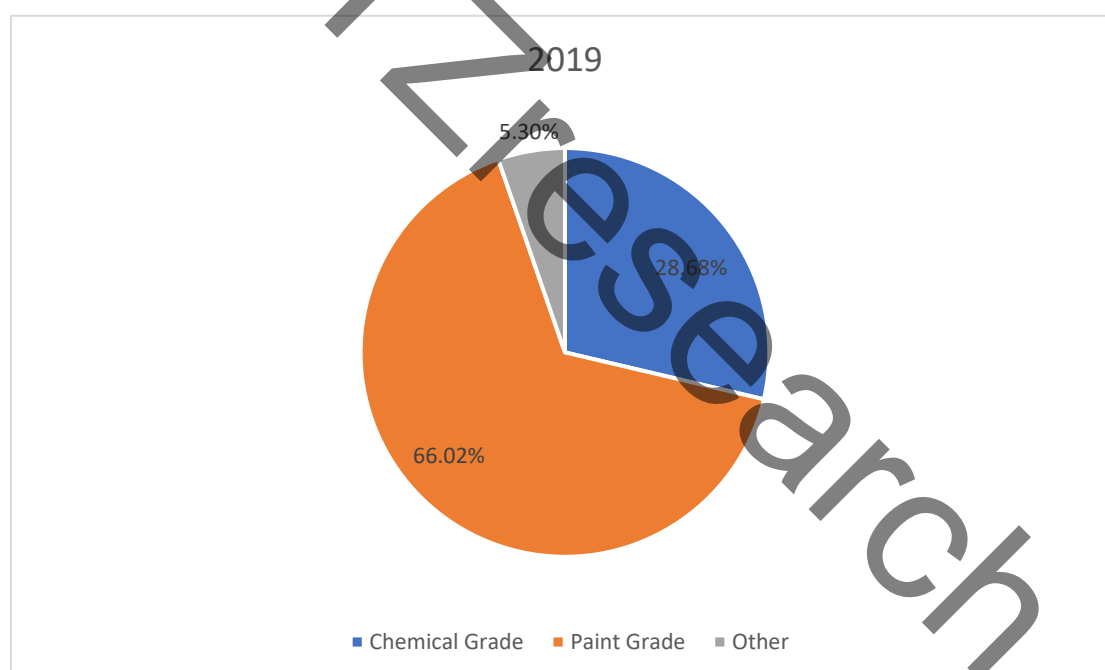
5.2 Global Zinc Dust Revenue (Million USD) and Market Share (%) by Types (2015-2020)

Table Global Zinc Dust Revenue (Million USD) by Types (2015-2020)

	2015	2016	2017	2018	2019	2020
Chemical Grade	317.77	311.97	359.84	417.06	380.67	361.40
Paint Grade	712.70	708.88	815.35	938.30	876.14	826.39
Other	61.70	58.41	71.66	73.67	70.32	65.83
Total	1092.17	1079.26	1246.85	1429.03	1327.13	1253.62

Source: XYZ Chemical & Material Research Center, 2020

Figure 2019 Revenue Market Share (%) of Zinc Dust by Types



Source: XYZ Chemical & Material Research Center, 2020

5.3 Global Zinc Dust Price (USD/MT) by Type (2015-2020)

Table Global Zinc Dust Price (USD/MT) by Types (2015-2020)

	2015	2016	2017	2018	2019	2020
Chemical Grade	2945	2783	3338	3614	3237	2972
Paint Grade	3298	3145	3773	4076	3689	3405
Other	2883	2667	3228	3395	2942	2665
Total	3162	3003	3603	3891	3502	3223

Source: XYZ Chemical & Material Research Center, 2020

6 Global Zinc Dust Market Analysis by Applications

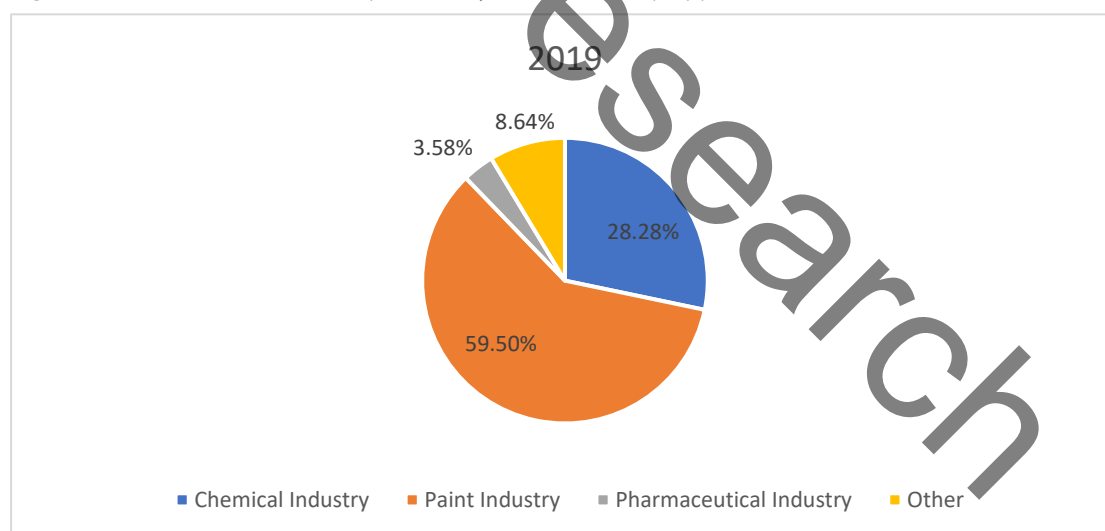
6.1 Global Zinc Dust Consumption (K MT) and Market Share (%) by Applications (2015-2020)

Table Global Zinc Dust Consumption (K MT) by Applications (2015-2020)

	2015	2016	2017	2018	2019	2020
Chemical Industry	97.6	100.8	98.3	103.9	107.2	110.6
Paint Industry	205.4	214.1	205.9	218.2	225.5	231.2
Other	29.9	30.8	29.6	31.8	32.7	32.7
Total	345.4	359.4	346.1	367.3	379.0	389.0
	2015	2016	2017	2018	2019	2020

Source: XYZ Chemical & Material Research Center, 2020

Figure Global Zinc Dust Consumption Market Share (%) by Applications in 2019




Source: XYZ Chemical & Material Research Center, 2020

7 Manufacturers Profiles/Analysis

7.1 Umicore

7.1.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors







Table Umicore Basic Information, Manufacturing Base, Sales Area and Its Competitors

#	Project	Content
1	Company Name	Umicore
2	Website	http://www.zincchemicals.umicore.com/
3	Logo	
4	Headquarters	Belgium
5	Establishment Date	1904
6	Key Products	Zinc Battery Materials, Fine Zinc Powders, Zinc Oxides
7	Raw Materials or Equipment Sources	Raw Material is mainly out-sourced; Equipment is out-sourced.
8	Company Profile	<p>Umicore Zinc Chemicals is the leading recycler of galvanising residues in the world.</p> <p>Over 100.000 tons of recyclable materials are refined and transformed through proprietary processes into high quality products. With 3 Product lines (Zinc Battery Materials, Fine Zinc Powders, Zinc Oxides), Umicore Zinc Chemicals is also the global leader in the production of Zinc Compounds.</p> <p>Over 170.000 tons of high quality end products are shipped from 9 production sites to serve our global customer base. The specialty chemicals are used in a wide variety of applications for consumer goods (like Zano in sunscreens or fine high purity alloyed powders for alkaline batteries) and industrial applications (like Fine Zinc Powders for anti corrosion paints or Zinc Oxide for the ceramic industry). Through innovation and proximity with our markets, we strive for differentiating our services to our customers. The Umicore sustainability policy ensures a forward looking approach in all aspects of our undertakings.</p>

Source: Umicore; Secondary Sources, Press Releases, Expert Interviews and XYZ Chemical & Material Research Center, 2020

7.1.2 Zinc Dust Product Category, Application and Specification

Table Zinc Dust Picture and Specifications of Umicore

Zinc Dust Application Areas					
					
<p>Fine zinc powders (formerly named zinc dust) serve as protective pigment in industrial coatings or as reducing agent and catalyst in various chemical reactions.</p> <p>4 plants: Angleur (B), Larvik (No), Changsha (Ch) and Johor Bahru (Mal)</p> <p>100 000 T of very Fine Zinc Powder of which >30% produced from recycled secondary zinc more than 20 different grades serving various industries</p> <p>3 different production technologies</p>					

Source: Umicore; Secondary Sources, Press Releases, Expert Interviews and XYZ Chemical & Material Research Center, 2020

7.1.3 Umicore Zinc Dust Capacity, Production, Revenue, Price and Gross Margin (2015-2020)

Table Umicore Zinc Dust Capacity, Production (K MT), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2015-2020)

Source: Umicore; Secondary Sources, Press Releases, Expert Interviews and XYZ Chemical & Material Research Center, 2020

Figure Umicore Zinc Dust Production Growth Rate (2015-2020)

Source: Umicore; Secondary Sources, Press Releases, Expert Interviews and XYZ Chemical & Material Research Center, 2020

Figure Umicore Zinc Dust Production Market Share (2015-2020)

Source: Umicore; Secondary Sources, Press Releases, Expert Interviews and XYZ Chemical & Material Research Center, 2020

7.1.4 Contact Information

Belgium - Angleur

Tel: 32-4-366 64 46

Fax: 32-4-366 64 02

E-mail: contact.angleur@umicore.com

Norway - Larvik

Tel: 47-33-18 09 50

Fax: 47-33-18 09 51

E-mail: contact.norway@umicore.com

Malaysia - Pasir Gudang

Tel: 60-7-254 74 07

Fax: 60-7-254 74 29

E-mail: contact.malaysia@umicore.com

China - Changsha

Tel: 86-731-838 18 58

Fax: 86-731-838 03 00

E-mail: contact.Fuhong@ap.umicore.com

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7.2 Votorantim Group

7.3 Numinor

7.4 Hanchang

7.5 Transpek-Silox Industry

7.6 Ever Zinc

7.7 TOHO ZINC

7.8 HakusuiTech

7.9 Pars Zinc Dust

7.10 Jiangsu Kecheng

7.11 Jiashanbaiwei

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research

7.12 Jiangsu Smelting

7.13 Yunan Luoping

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7.14 Shijiazhuang Xinri Zinc

7.15 Jiangsu Shenlong Zinc

7.16 Shandong Xingyuan Zinc

7.17 Jiangsu Shuangsheng

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8 Zinc Dust Manufacturing Cost Analysis

8.1 Zinc Dust Key Raw Materials Analysis

8.1.1 Key Raw Materials

Table Production Base and Market Concentration Rate of Raw Material

Major Raw Materials	Raw Materials Production Regions	Major Raw Materials
Zinc ore	USA/Europe/Asia	Zinc ore
Zinc ingots	USA/Europe/Asia	Zinc ingots

Source: Experts Interview, Secondary Sources and XYZ Chemical & Material Research Center, 2020

8.1.2 Price Trend of Key Raw Materials

8.1.3 Key Suppliers of Raw Materials

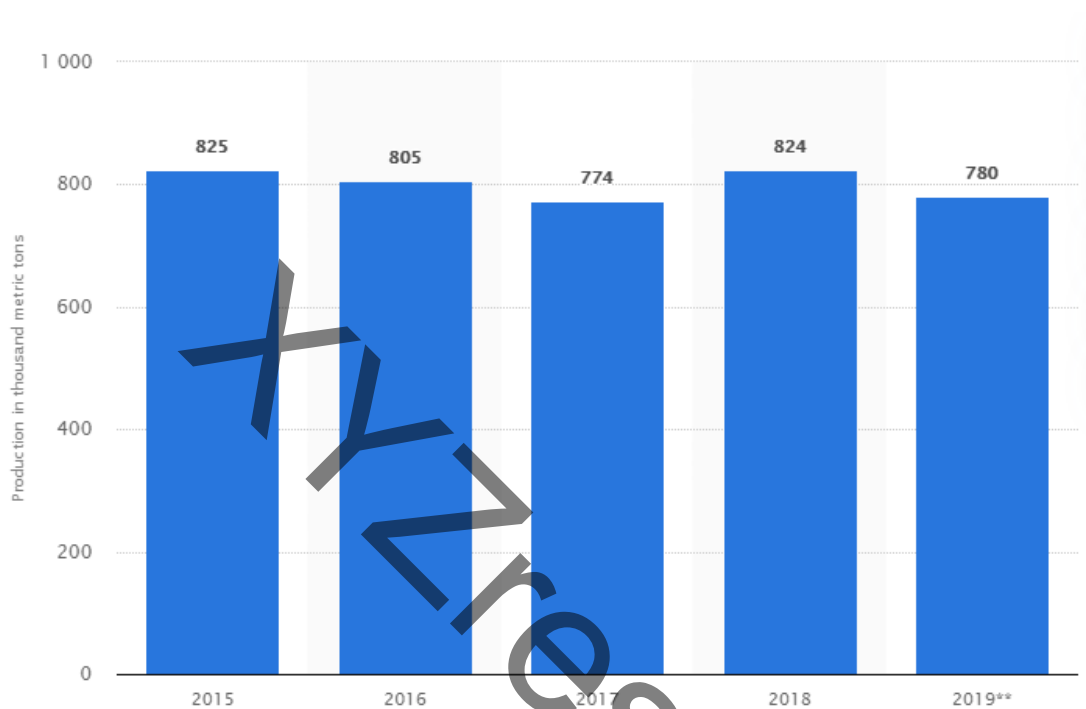
Table Key Suppliers of Raw Materials

Suppliers	Contact Information
Glencore	http://www.glencore.com/
Teck Resources Ltd	http://www.teck.com/
Minerals and Metals Group	http://www.mmg.com/
Hindustan Zinc Ltd	http://www.hzindia.com/
Nyrstar NV	http://www.nyrstar.com/
Vedanta Limited	http://www.vedantalimited.com/
Glencore International AG	http://www.glencore.com/
Boliden AB	http://www.boliden.com/
Volcan Compania Minera SA	http://www.volcan.com.pe/
Huludao Zinc Industry Co Ltd	http://www.hldxygf.com/
Industrias Penoles Sa De Cv	http://www.penoles.com.mx/
Sociedad Minera El Brocal	http://www.elbrocal.pe/
Votorantim Metals	http://www.votorantim.com.br/
Yunnan Chihong Zinc and Germanium Co	http://www.chxz.com/
Lundin Mining Corp	http://www.lundinmining.com/

Source: Above Companies; Experts Interview, Secondary Sources and XYZ Chemical & Material Research Center, 2020

8.1.4 Market Concentration Rate of Raw Materials

Figure Zinc mine production in the U.S. from 2015 to 2019 (in 1,000 metric tons)*

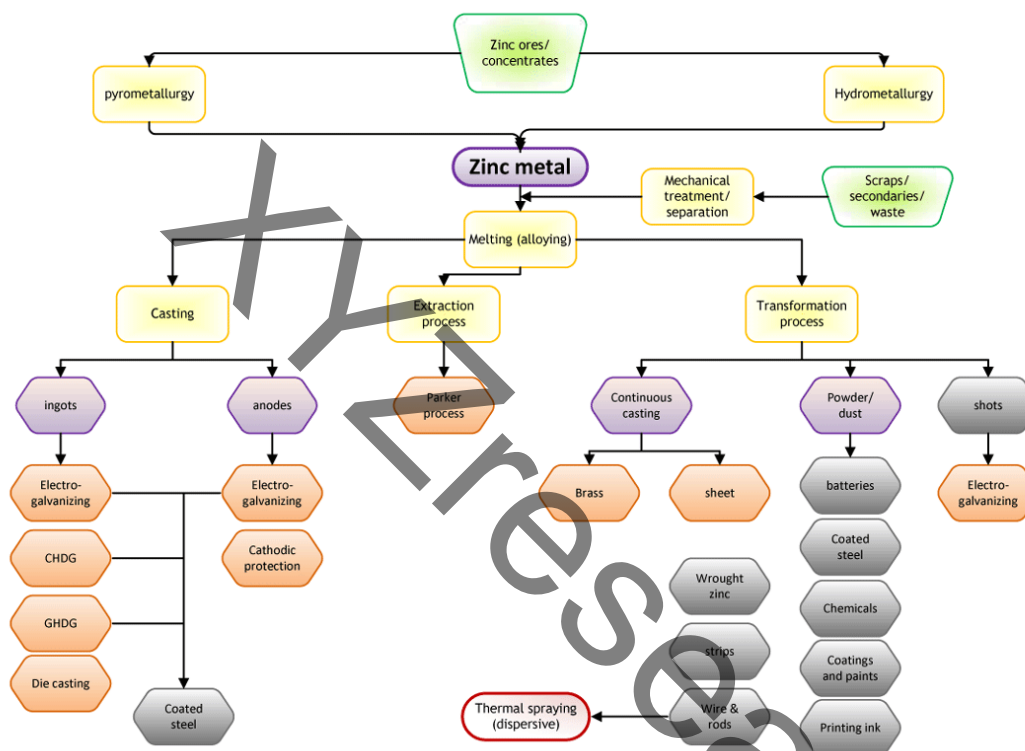


Source: Statista and XYZ Chemical & Material Research Center, 2020

9 Industrial Chain and Downstream Buyers

9.1 Zinc Dust Industrial Chain Analysis

Figure Industry Chain Structure of Zinc Dust



Source: Experts Interview, Secondary Sources and XYZ-Research Food & Beverage Research Center, 2020

9.2 Downstream Buyers

Table Major Buyers of Zinc Dust

	Consumers	Contact Information
1	US Zinc	2727 Allen Parkway, Suite 800 Houston, Texas 77019 (713) 926-1705 (phone) (800) 899-1705 (toll free) (713) 923-1783 (fax)
2	Zochem	Toll-free: 1-800-324-1806 Phone: 905-453-4100 Fax: 905-453-2920
3	Umicore	Phone: +32 4 3666431 Fax: +32 4 3666403 E-mail: purchasing.angleur@umicore.com

4	Zinc Nacional	Tel: +52 81) 8376 5730 / 8376 5783 Fax: (+52 81) 8376 7489 / 8376 7306
5	Zinc Oxide LLC	Add: 600 Printwood Drive Dickson, TN 37055 Tel: 615.446.8791 Fax: 615.446.8789
6	Silox	Tel.: +32 4 273 92 85 Fax: +32 4 273 96 36 E-mail: silox@silox.be
7	GH Chemicals	Tel: 450 774 9151 ext 231 Fax: 450 771-0457 E-mail: pbaillet@ghchemicals.com
8	Rubamin	Tel: +91 265 2282078 - 82 Fax: +91 265 22 82 077 E-mail: info@rubamin.com
9	Grillo	Tel: +49 203 5557-0 or +49 203 5557-440 E-mail: metall(at)grillo.de
10	PPG	Add: GLOBAL HEADQUARTERS, PPG Industries, Inc., One PPG Place, Pittsburgh, PA 15272 USA Tel: +1.412.434.313
11	AkzoNobel	Add: Amsterdam, the Netherlands, PO Box 9300 Tel: +31-20-502-7555 Fax: +31-20-502-7666
12	Henkel	Web: http://www.henkel.com/
13	Sherwin-Williams	Tel: 8621-59552882 Fax: 8621-59553003 E-mail: askswasia@sherwin.com
14	Valspar	Email: refinishinfo@valspar.com
15	RPM International	Add: RPM International Inc., 2628 Pearl Road, P.O. Box 777, Medina, Ohio 44258 Phone: 330-273-5090 Fax: 330-225-8743 Email: info@RPMinc.com
16	Axalta	Add: Matthew Winokur, Axalta Coating Systems, 2001 Market Street, Philadelphia, PA 19103 Tel: + 1 215 255 7932 E-mail: matthew.winokur@axaltacs.com
17	BASF	Phone: +49 60-0 0 621 Fax: +49 621 60-42525 0
18	Kansai Paint	Add: 6-14, Imabashi 2-Chome, Chuo-Ku Osaka 541-8523, Japan Tel: +81-6-6203-5531 Fax: +81-6-6203-5018
19	Sika	Web: http://www.sika.com/
20	Hospirag	Tel: 1-224-212-2000

21	Novartis	http://www.hospira.com/en/ Tel: +41 61 324 11 11 Fax: +41 61 324 80 01 https://www.novartis.com/
22	Johnson & Johnson	Tel: (732) 524-0400 http://www.jnj.com/
23	Roche	Tel: 41-61-688-1111 www.roche.com
24	Pfizer	Phone: 1-212-733-2323 http://www.pfizer.com/
25	Sanofi	Tel.: +33 (0)1 53 77 40 00 http://en.sanofi.com/
26	Merck	Tel: 908-740-4000 http://www.merck.com/

Source: Above companies and XYZ Chemical & Material Research Center, 2020

10 Marketing Strategy Analysis, Distributors/Traders

10.1 Marketing Channel

10.1.1 Direct Marketing

10.1.2 Indirect Marketing

10.1.3 Marketing Channel Development Trend

10.2 Market Positioning

10.3 Distributors/Traders List

Table Distributors/Traders List

Main Traders or Distributors	Contact Information
JAI Chemical Corporation	Tel: +(91)-22-23422552, 23443290 503 Nenkrua 5th Floor, 118 122 Kazi Sayed Street, Masjid, Mumbai-400003
Shreeji Fine Chem	Tel: +(91)-22-23415470, 23415471, 23414891 Fax: +(91)-9702961375, 9322226994 78/80, Mogi Niwas, V V Chandan Street, Masjid, Mumbai - 400003
Esaar International	Tel: +(91)-22-66926051, 66926052 Fax: +(91)-9892524214, 9892524217, 9892524218, 9892524215 405, Monarch Chambers, Marol Maroshi Road, Andheri East, Mumbai - 400059
American Elements	1093 Broxton Ave. Suite 2000, Los Angeles, CA 90024, USA Telephone: 310-208-0551 Fax: 310-208-0351 customerservice@americanelements.com
A. S. JOSHI & COMPANY	813, Topiwala Center, Opp. Railway Station, Goregaon (West), Mumbai - 400062, Maharashtra, India Phone :+919206073342 Fax :91-22-28768361

Nanostructured & Amorphous Materials, Inc.	16840 Clay Road, Suite 113 Houston, TX 77084, USA Phone: 281-858-6571 (Sales) 832-772-7261 (Shipping) Fax: 281-858-6507
The Cary Company	1195 W. Fullerton Ave. Addison, IL 60101 Monday - Friday 8:00 am - 5:00 pm (CST) Phone: (630) 629-6600 Fax: (630) 629-3690 customerservice@thecarycompany.com
HB Chemica	1665 Enterprise Parkway Twinsburg, OH 44087 Toll-Free (800) 991-2436 Local (330) 920-8023 Fax (330) 920-0971
Hengshui Shunhai Kehua Import & Export Co., Ltd.	Telephone: 86-0318-8085009 Fax: 86-0318-8085009 Address: No.881 Shengli West Road, Taocheng District, Hengshui City, Hebei Province, China

Source: Above companies and XYZ Chemical & Material Research Center, 2020

11 Market Effect Factors Analysis

11.1 Technology Progress/Risk

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12 Zinc Dust Market Forecast

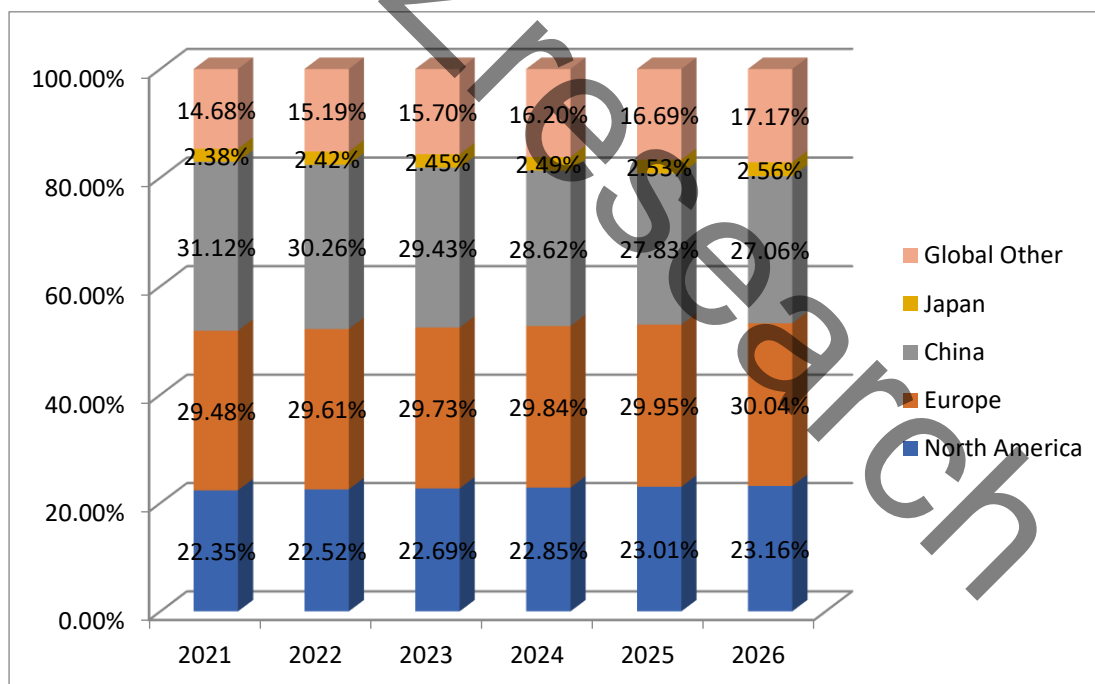
12.1 Production Forecast by Regions

Table Production (K MT) Forecast by Regions (2021-2026)

	2021	2022	2023	2024	2025	2026
North America	87.9	89.6	91.3	93.0	94.7	96.5
Europe	115.9	117.8	119.6	121.4	123.3	125.1
China	122.4	120.3	118.4	116.4	114.6	112.7
Japan	9.4	9.6	9.9	10.1	10.4	10.7
Global Other	57.7	60.4	63.2	65.9	68.7	71.5
Global Total	393.3	397.7	402.2	406.9	411.7	416.5

Source: Experts Interview, Secondary Sources and XYZ Chemical & Material Research Center, 2020

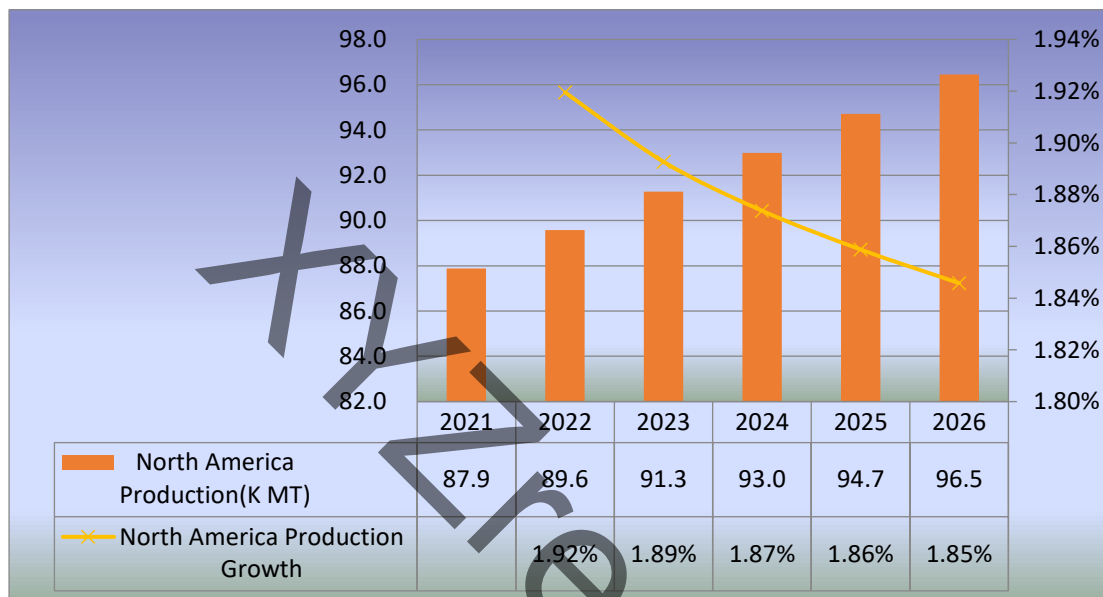
Figure Zinc Dust Production Market Share Forecast by Regions (2021-2026)



Source: Experts Interview, Secondary Sources and XYZ Chemical & Material Research Center, 2020

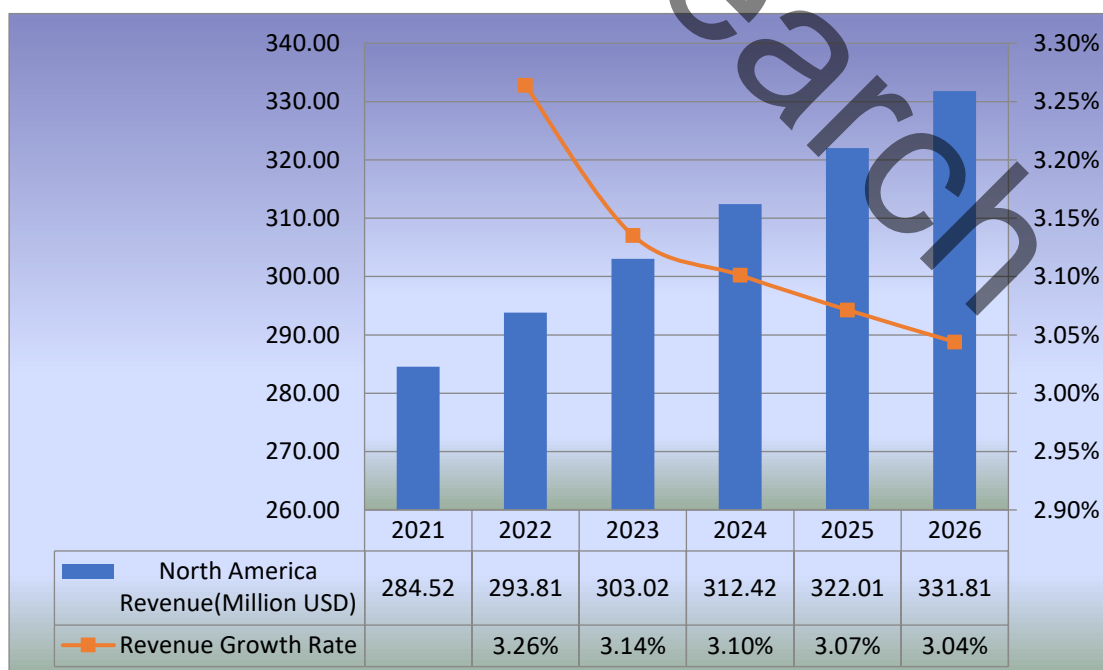
12.1.1 North America Zinc Dust Production, Revenue Forecast (2021-2026)

Figure North America Zinc Dust Production (K MT) and Growth Rate Forecast (2021-2026)



Source: Experts Interview, Secondary Sources and XYZ Chemical & Material Research Center, 2020

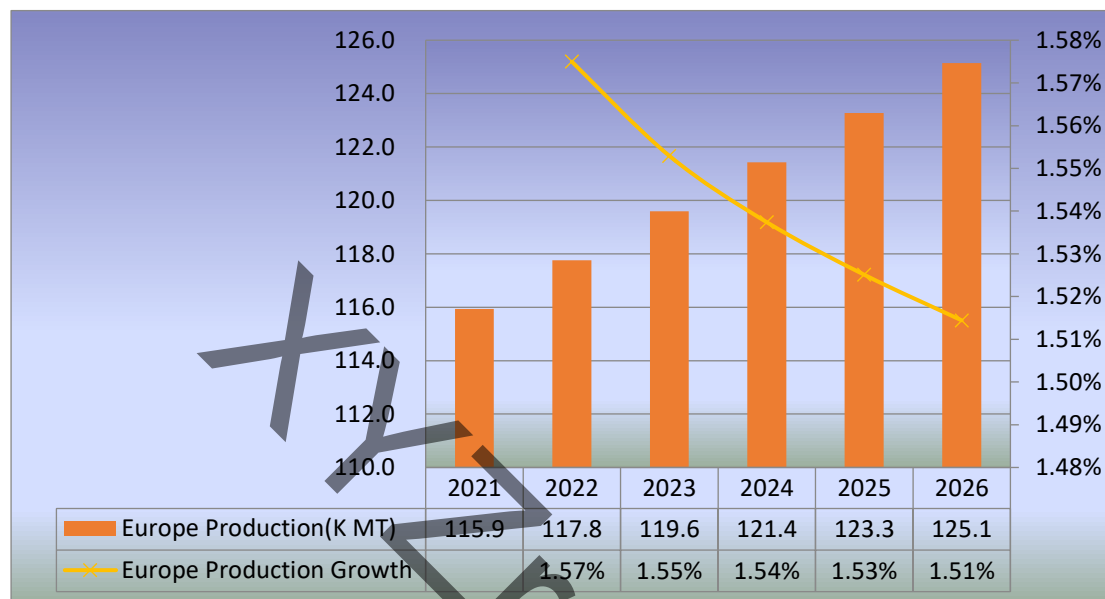
Figure North America Zinc Dust Revenue (Million USD) and Growth Rate Forecast (2021-2026)



Source: Experts Interview, Secondary Sources and XYZ Chemical & Material Research Center, 2020

12.1.2 Europe Zinc Dust Production, Revenue Forecast (2021-2026)

Figure Europe Zinc Dust Production (K MT) and Growth Rate Forecast (2021-2026)



Source: Experts Interview, Secondary Sources and XYZ Chemical & Material Research Center, 2020

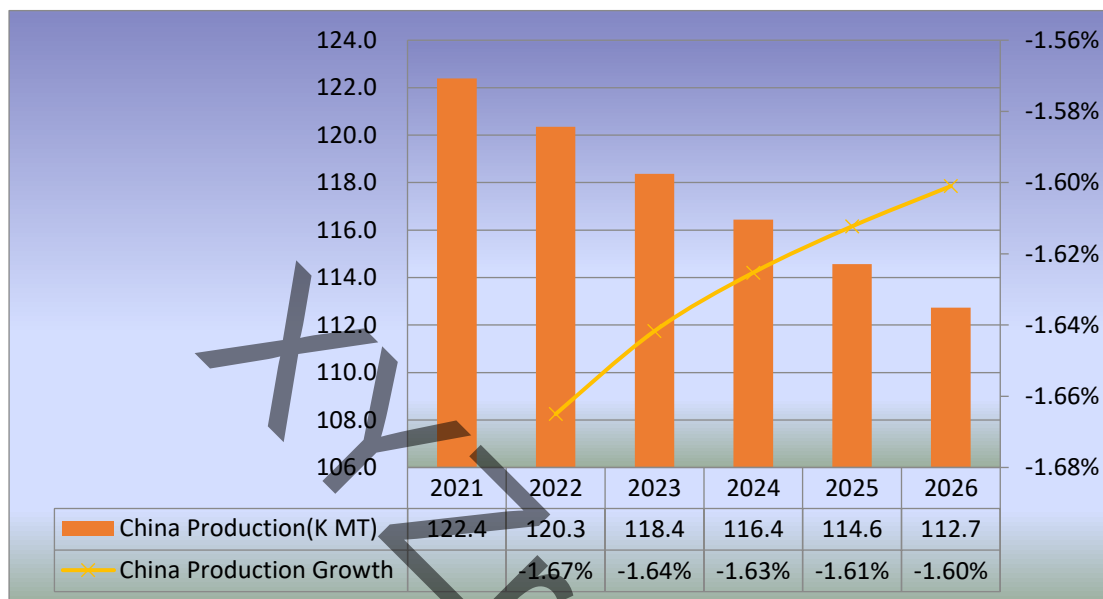
Figure Europe Zinc Dust Revenue (Million USD) and Growth Rate Forecast (2021-2026)



Source: Experts Interview, Secondary Sources and XYZ Chemical & Material Research Center, 2020

12.1.3 China Zinc Dust Production, Revenue Forecast (2021-2026)

Figure China Zinc Dust Production (K MT) and Growth Rate Forecast (2021-2026)



Source: Experts Interview, Secondary Sources and XYZ Chemical & Material Research Center, 2020

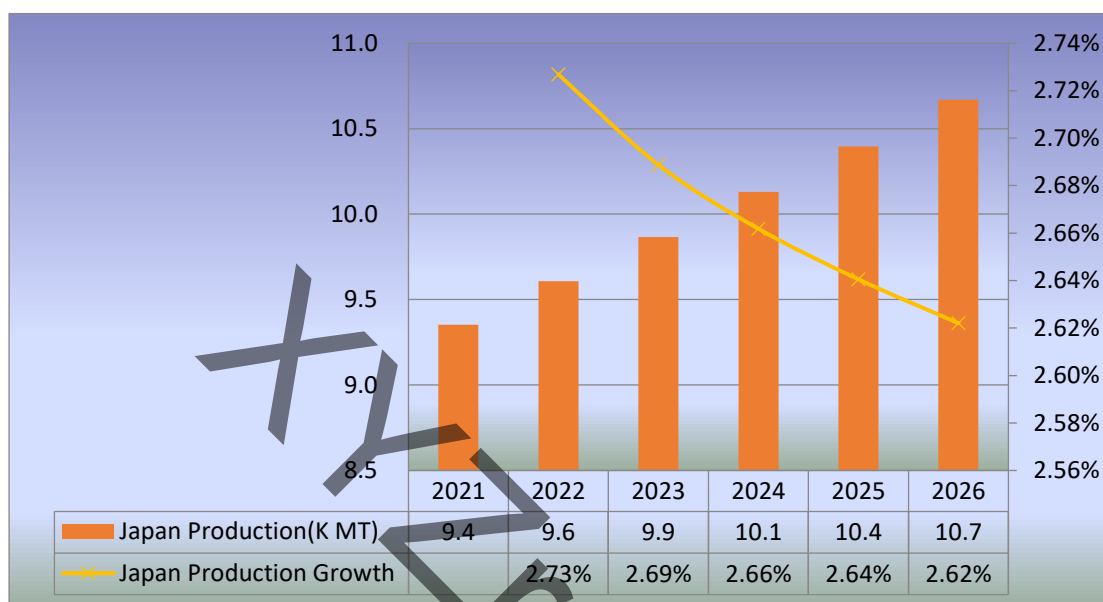
Figure China Zinc Dust Revenue (Million USD) and Growth Rate Forecast (2021-2026)



Source: Experts Interview, Secondary Sources and XYZ Chemical & Material Research Center, 2020

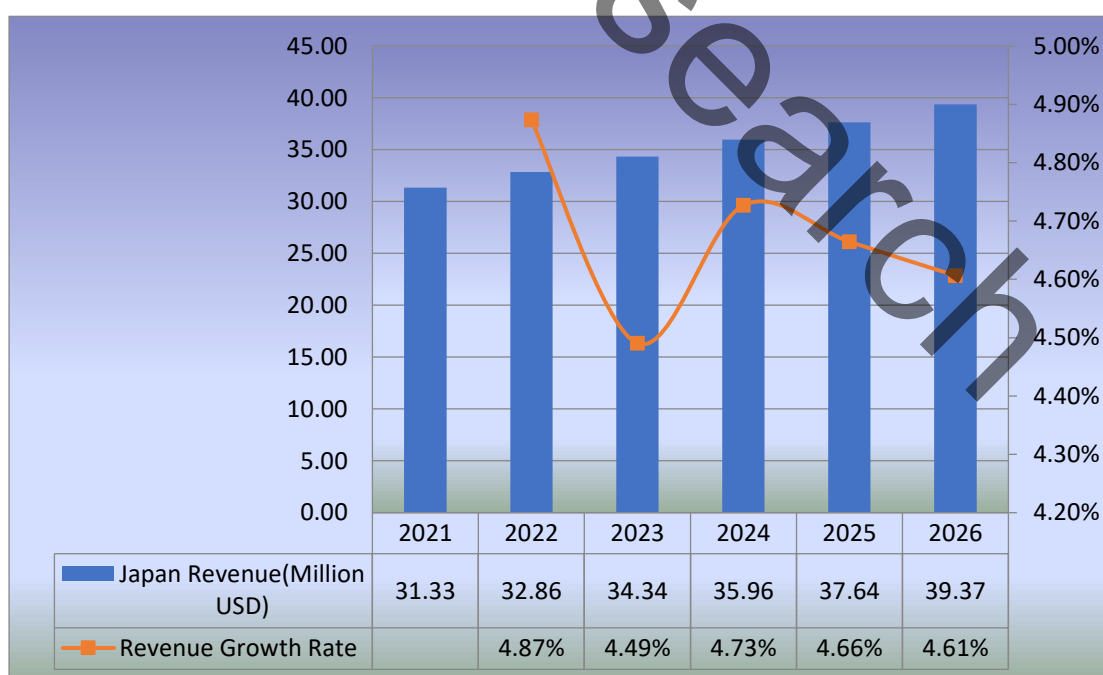
12.1.4 Japan Zinc Dust Production, Revenue Forecast (2021-2026)

Figure Japan Zinc Dust Production (K MT) and Growth Rate Forecast (2021-2026)



Source: Experts Interview, Secondary Sources and XYZ Chemical & Material Research Center, 2020

Figure Japan Zinc Dust Revenue (Million USD) and Growth Rate Forecast (2021-2026)



Source: Experts Interview, Secondary Sources and XYZ Chemical & Material Research Center, 2020

12.2 Consumption Forecast by Regions

Table Zinc Dust Consumption (K MT) Forecast by Regions (2021-2026)

	2021	2022	2023	2024	2025	2026
North America	94.3	96.2	98.2	100.1	102.1	104.1
Europe	65.7	66.6	67.4	68.3	69.2	70.1
Asia Pacific	171.5	172.2	173.3	173.9	174.8	175.7
South America	22.4	22.7	23.1	23.6	23.7	24.2
Middle East and Africa	39.3	40.0	40.3	41.0	41.8	42.5
Global Total	393.3	397.7	402.3	406.9	411.6	416.6

Source: Experts Interview, Secondary Sources and XYZ Chemical & Material Research Center, 2020

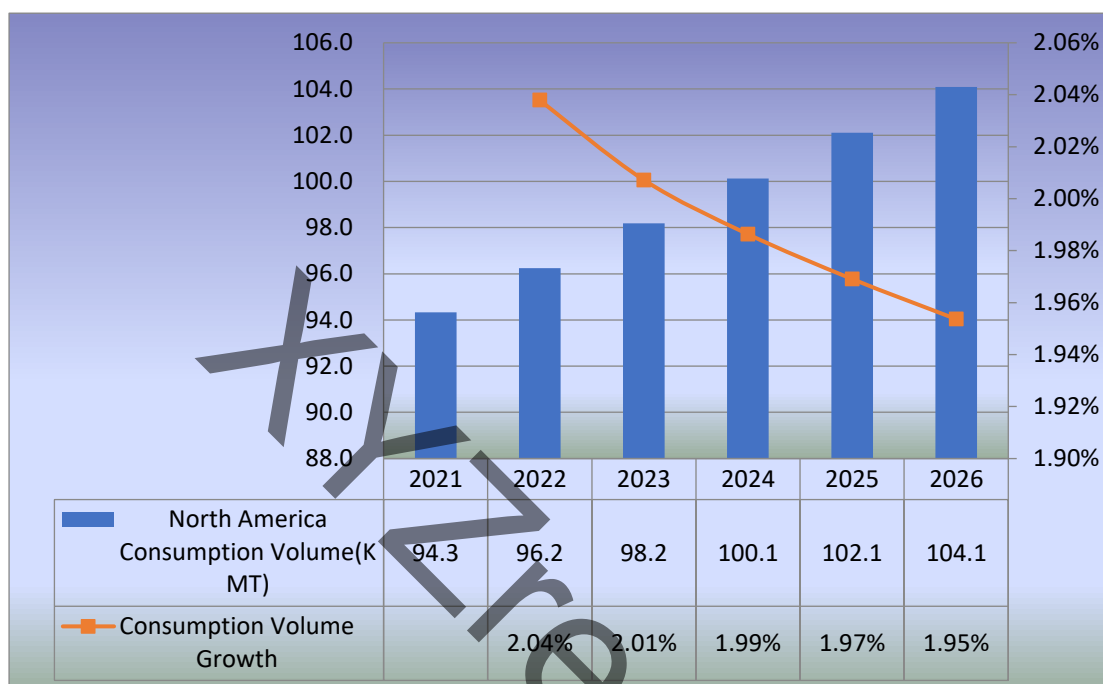
Figure Zinc Dust Consumption Market Share Forecast by Regions (2021-2026)



Source: Experts Interview, Secondary Sources and XYZ Chemical & Material Research Center, 2020

12.2.1 North America Zinc Dust Consumption Forecast (2021-2026)

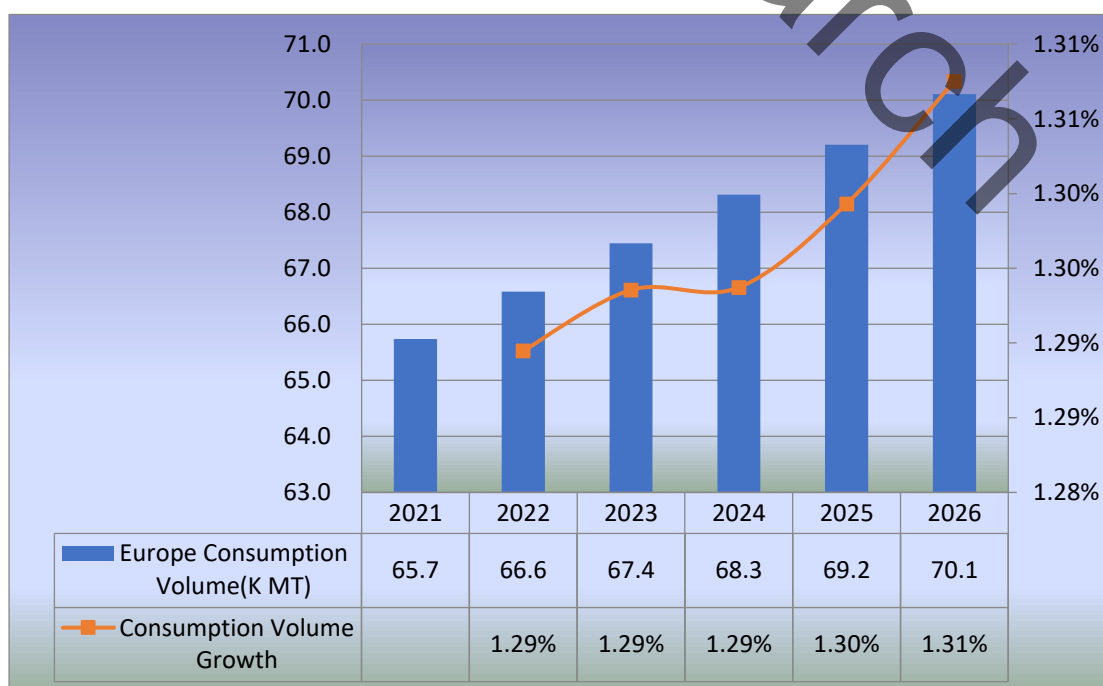
Figure North America Zinc Dust Consumption (K MT) and Growth Rate Forecast (2021-2026)



Source: Experts Interview, Secondary Sources and XYZ Chemical & Material Research Center, 2020

12.2.2 Europe Zinc Dust Consumption Forecast (2021-2026)

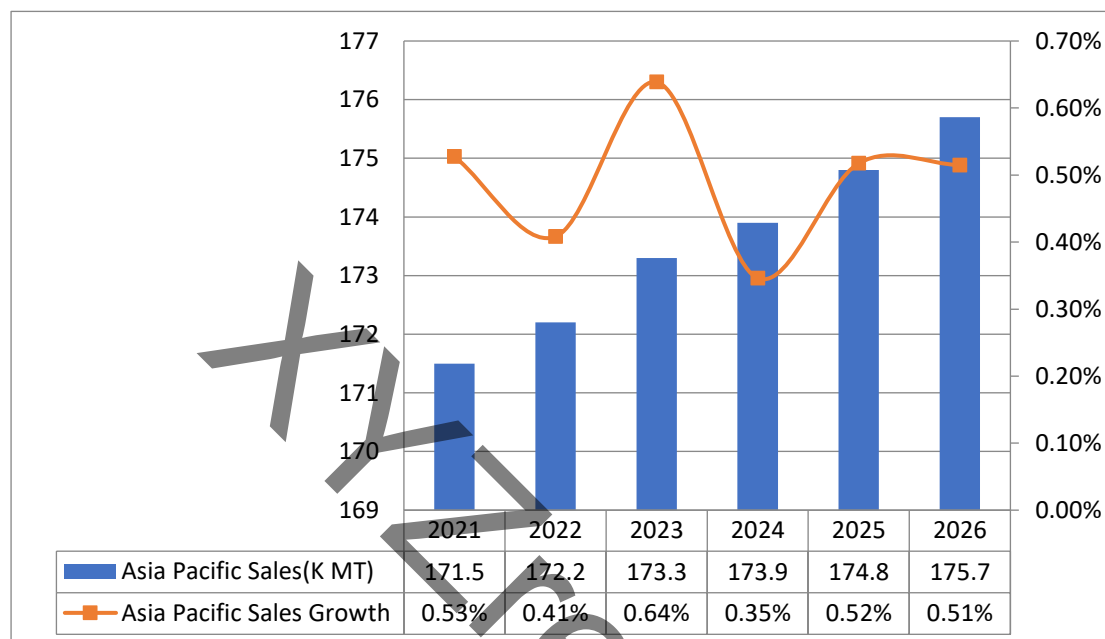
Figure Europe Zinc Dust Consumption (K MT) and Growth Rate Forecast (2021-2026)



Source: Experts Interview, Secondary Sources and XYZ Chemical & Material Research Center, 2020

12.2.3 Asia Zinc Dust Consumption Forecast (2021-2026)

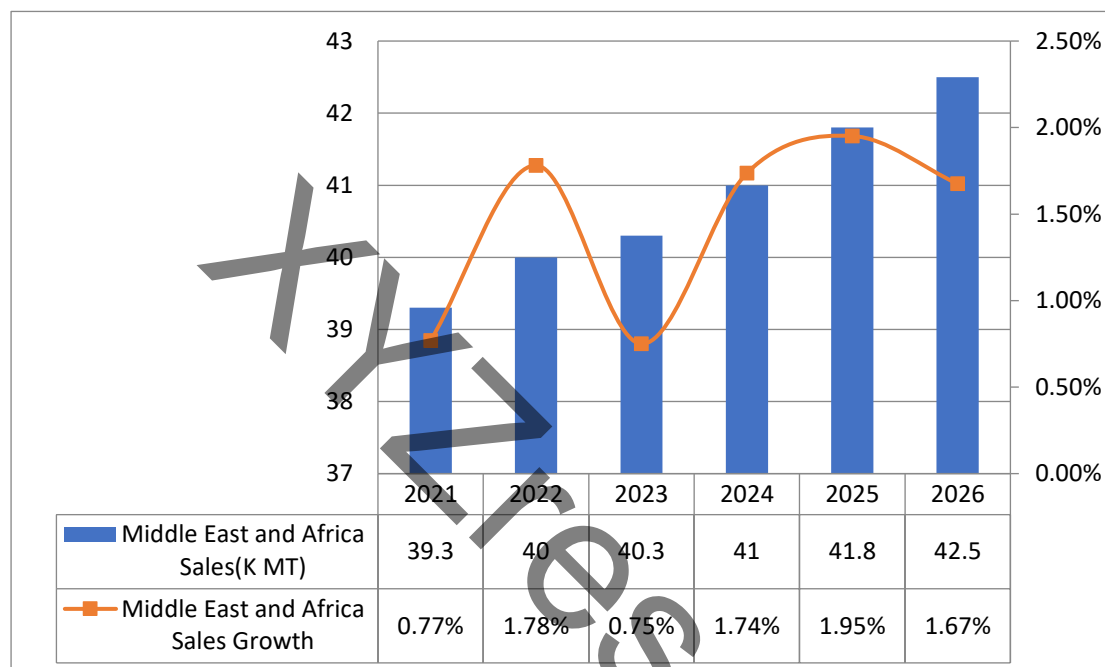
Figure Asia Zinc Dust Consumption (K MT) and Growth Rate Forecast (2021-2026)



Source: Experts Interview, Secondary Sources and XYZ Chemical & Material Research Center, 2020

12.2.4 Middle East and Africa Zinc Dust Consumption Forecast (2021-2026)

Figure Middle East and Africa Zinc Dust Consumption (K MT) and Growth Rate Forecast (2021-2026)



Source: Experts Interview, Secondary Sources and XYZ Chemical & Material Research Center, 2020

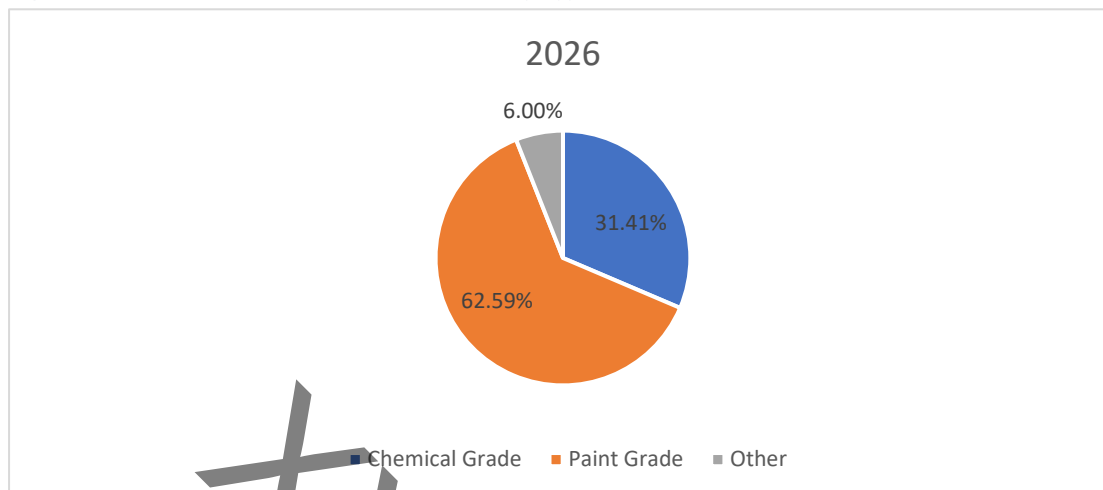
12.3 Global Zinc Dust Production, Revenue and Price Forecast by Type (2021-2026)

Table Global Zinc Dust Production (K MT) Forecast by Type (2021-2026)

	2021	2022	2023	2024	2025	2026
Chemical Grade	122.6	123.9	125.2	127.1	127.9	130.8
Paint Grade	246.8	249.2	252.1	254.1	257.6	260.7
Others	23.9	24.6	24.9	25.7	26.1	25.0
Total	393.3	397.7	402.2	406.9	411.7	416.5

Source: Experts Interview and XYZ Chemical & Material Research Center, 2020

Figure Global Zinc Dust Production Forecast by Type in 2026



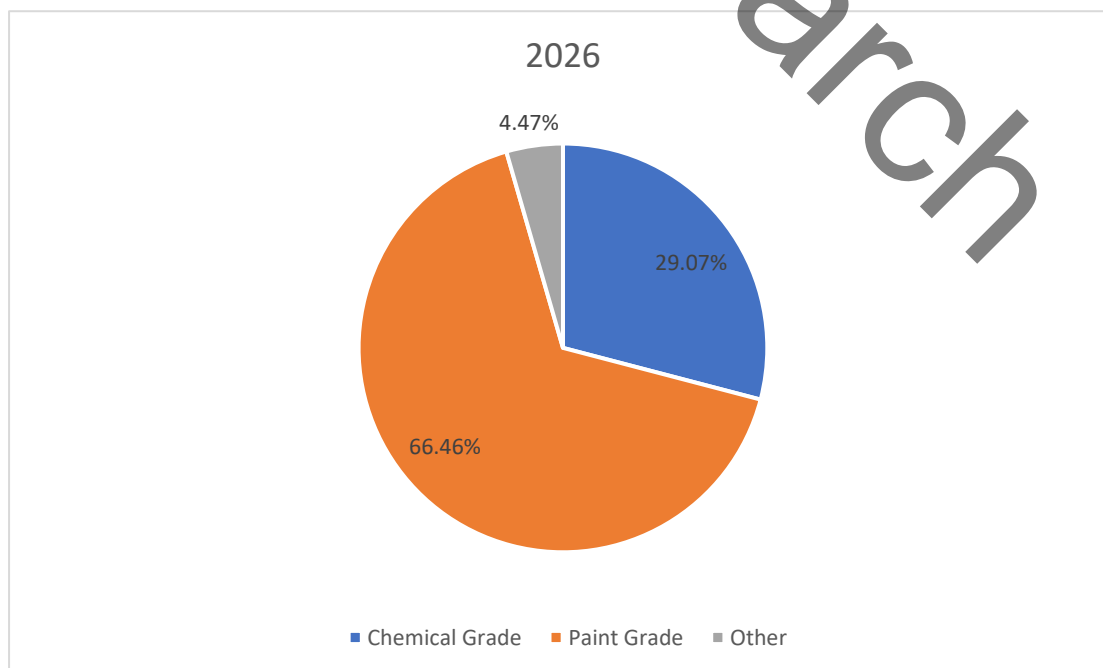
Source: XYZ Chemical & Material Research Center, 2020

Table Global Zinc Dust Revenue (Million USD) Forecast by Type (2021-2026)

	2021	2022	2023	2024	2025	2026
Chemical Grade	371.23	385.95	398.01	414.60	428.21	447.86
Paint Grade	856.40	888.15	919.91	953.13	989.44	1023.77
Others	67.51	67.10	69.80	68.66	69.45	68.90
Total	1295.14	1341.20	1387.72	1436.39	1487.10	1540.53

Source: XYZ Chemical & Material Research Center, 2020

Figure Global Zinc Dust Revenue Market Share (%) Forecast by Type in 2026



Source: XYZ Chemical & Material Research Center, 2020

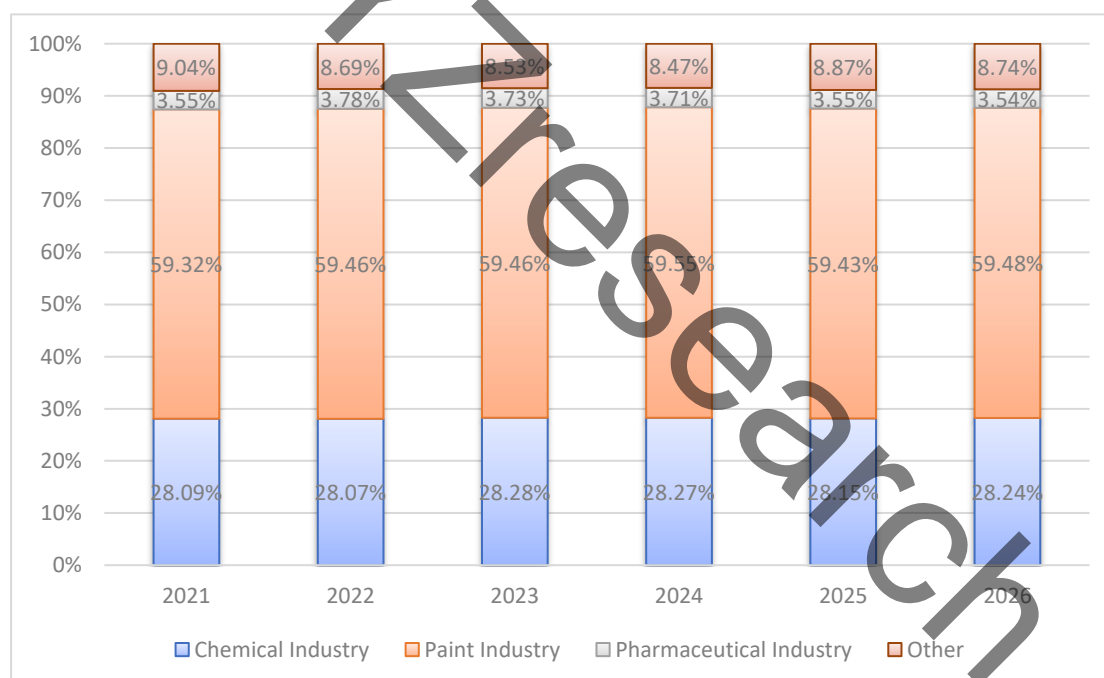
12.4 Global Zinc Dust Consumption Forecast by Application (2021-2026)

Table Global Zinc Dust Consumption (K MT) Forecast by Application (2021-2026)

	2021	2022	2023	2024	2025	2026
Chemical Industry	110.5	111.6	113.8	115	115.9	117.6
Paint Industry	233.3	236.5	239.2	242.3	244.7	247.8
Pharmaceutical Industry	35.6	34.6	34.3	34.5	36.5	36.4
Others	393.3	397.7	402.2	406.9	411.7	416.5
Total	2021	2022	2023	2024	2025	2026

Source: XYZ Chemical & Material Research Center, 2020

Figure Global Zinc Dust Consumption Forecast by Application (2021-2026)



Source: Experts Interview and XYZ Chemical & Material Research Center, 2020

13 Research Findings and Conclusion

Through several months' investigation and analysis, the project team gets the following conclusions:

1. Zinc dust industry has low technology barrier. The main players are Umicore, Votorantim Group, Numinor, Hanchang and Transpek-Silox Industry. The global production of zinc dust increased to 379 K MT in 2019 from 345 K MT in 2015 with CAGR of 2.35%. Global zinc dust capacity utilization rate remained at around 63% in 2019.
2. In consumption market, the global consumption value of zinc dust increases with the 5.1% average growth rate. Europe USA and China are the mainly consumption regions due to the bigger demand of downstream applications. In 2019, these regions occupied 68.17% of the global consumption volume in total.
3. Zinc dust has two types, which include chemical grade zinc dust and paint grade zinc dust. And each type has application industries relatively. With wide application of zinc dust, the downstream industries will need more zinc dust products. So, zinc dust has certain market potential in the future. Manufacturers engaged in the industry are trying to produce high purity and good performance zinc dust through improving technology.
4. The major raw materials for zinc dust are zinc ore or zinc ingots, and other auxiliary chemicals. Fluctuations in the price of the upstream product will impact on the production cost of zinc dust. The production cost of zinc dust is also an important factor which could impact the price of zinc dust. The zinc dust manufacturers are trying to reduce production cost by developing production method.
5. With the decline of China's zinc dust production in the future, the import volume will continue to increase, and this market share will probably be shared by India and Malaysia in the future

This is the end of this report.

Thanks for reading, for any question, please feel free to contact XYZ-Research.

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