



**2023 GLOBAL  
INDUSTRY OUTLOOK**

**Gasket, Packing, And Sealing  
Device Manufacturing Industry**

**NAICS 339991**

**Wharry Sharpe Research**



## CHAPTERS

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## REPORT DETAILS

### USER'S GUIDE

Wharry Sharpe Research annually publishes thousands of Global Industry Outlook reports. These reports feature industry sales estimates and market sizing data for six historical years, two forecast years and a five-year projection for more than 40 countries.

The Global Industry Outlook series includes all sector, subsector and industry definitions from the U.S. Census (NAICS). Sectors include manufacturing, utilities, construction, retail, professional services, transportation, wholesale, arts/entertainment, finance, and publishing.

The Global Industry Outlook reports also break out industry sales by value added, intermediate inputs and gross operation surplus estimates.

Summary pages highlight 1) industry sales by country and 2) industry sales by region (North America, Europe, Asia-Pacific, Latin America, Africa, and Middle East).

Additional data includes supply of commodities and use of commodities estimates. The supply of commodities is the the amount of each commodity that is produced domestically by each industry. The use of commodities is the amount of a commodity purchased by each industry as an intermediate input into the industry's production process.

The reports do not list companies in each country and industry but provides only market sizing data for our clients that only need the data rather than the additional expense of company lists (or written analysis).

Industry analysis users will find the Global Industry Outlook reports useful for 1) market sizing, 2) sales forecasting, 3) competitive intelligence, and 4) sales territory potentials. Budgeters and planners use the Outlook reports for future capital expenditures and resource allocation. Investors use the Outlook reports for analyzing growth investments.

## METHODOLOGY

## DEFINITIONS

Wharry Sharpe Research annually publishes thousands of Global Industry Outlook reports. These reports feature industry sales estimates and market sizing data for six historical years, two forecast years and a five-year projection for more than 40 countries.

The methodology for the Global Industry Outlook reports is based on Wharry Sharpe's unique estimation database and numerous sources:

1. The basis of the historical sales data is the U.S. Census Economic Survey and County Business Patterns.
2. The basis of the Value Added, Intermediate Inputs, Gross Output Surplus, Supply of Commodities and Use of Commodities is the U.S. Bureau of Economic Analysis.
3. Forecasts and projections use this historical data to estimate future industry (with regression analysis).
4. Weights and adjustments are made to industry sales and country GDP measures when they are outside acceptable ranges.
5. Country GDP data (historical) is based on World Bank databases. Forecast GDP data uses regression analysis for future trends and horizontal weights for the global GDP summary.
6. Industry sales by country use the proportion by industry to the relative size of each country (by GDP).
7. Industry sales by country also are weighted by sector ratios of GDP for manufacturing, retail and service sectors.

# Gasket, Packing, And Sealing Device Manufacturing Industry

## INDUSTRY SALES OUTLOOK

GLOBAL INDUSTRY

Country	Industry Sales (USD\$ Millions)			
	2021	2022	2023	2024
Argentina	157.6	143.9	166.9	156.8
Australia	282.8	202.1	202.1	237.2
Austria	321.5	210.9	210.9	257.4
Bangladesh	259.8	286.6	286.6	396.3
Belgium	192.3	185.3	185.3	225.3
Brazil	412.1	366.1	366.1	413.3
Canada	631.6	614.7	614.7	756.4
Chile	70.1	63.5	63.5	72.8
China	12,217.5	12,274.3	12,274.3	15,497.0
Czech Republic	169.4	166.8	166.8	206.5
Denmark	147.7	146.2	146.2	182.4
Egypt, Arab Rep.	173.7	173.2	173.2	217.6
Finland	114.7	110.3	110.3	133.9
France	743.4	700.8	700.8	834.9
Germany	2,098.6	1,975.3	1,975.3	2,346.7
India	1,135.8	1,109.3	1,109.3	1,363.0
Indonesia	673.0	674.5	674.5	850.9
Ireland	469.1	492.4	492.4	648.8
Israel	140.2	139.8	139.8	175.2
Italy	845.4	798.5	798.5	954.6
Japan	3,100.2	3,033.1	3,033.1	3,744.3
Korea, Rep.	1,234.7	1,183.3	1,183.3	1,430.2
Malaysia	241.4	241.6	241.6	304.8
Mexico	571.5	533.4	533.4	631.0
Netherlands	302.0	297.8	297.8	369.7
Nigeria	179.5	188.5	188.5	250.8
Norway	66.7	60.7	60.7	70.2
Pakistan	105.1	99.9	99.9	120.2
Philippines	206.5	206.0	206.0	258.4
Poland	287.7	279.6	279.6	341.9
Romania	127.6	124.3	124.3	152.1
Russian Federation	648.9	638.2	638.2	793.1
Saudi Arabia	282.4	274.7	274.7	337.5
Singapore	231.0	233.2	233.2	296.9
South Africa	117.0	110.2	110.2	131.4
Spain	409.7	379.2	379.2	443.5

Source: Wharry Sharpe Research

\*2021-2023 Forecast

# Gasket, Packing, And Sealing Device Manufacturing Industry

## INDUSTRY SALES OUTLOOK

Country	Industry Sales (USD\$ Millions)			
	2021	2022	2023	2024
Sweden	190.5	176.4	176.4	206.6
Switzerland	416.7	409.5	409.5	508.1
Thailand	422.3	425.5	425.5	539.0
Turkey	411.1	384.8	384.8	457.6
United Arab Emirat	107.6	104.0	104.0	127.2
United Kingdom	685.7	631.0	631.0	736.0
United States	7,345.4	7,346.1	7,346.1	9,264.1
Venezuela, RB	106.6	98.9	98.9	116.6
Vietnam	181.7	195.0	195.0	262.3
Rest of World	2,192.6	2,327.8	12,229.0	3,693.9
GLOBAL	41,428.6	40,817.0	50,741.3	51,514.4

Source: Wharry Sharpe Research

\*2022-2024 Forecast

GLOBAL INDUSTRY

# Gasket, Packing, And Sealing Device Manufacturing Industry

## INDUSTRY SALES

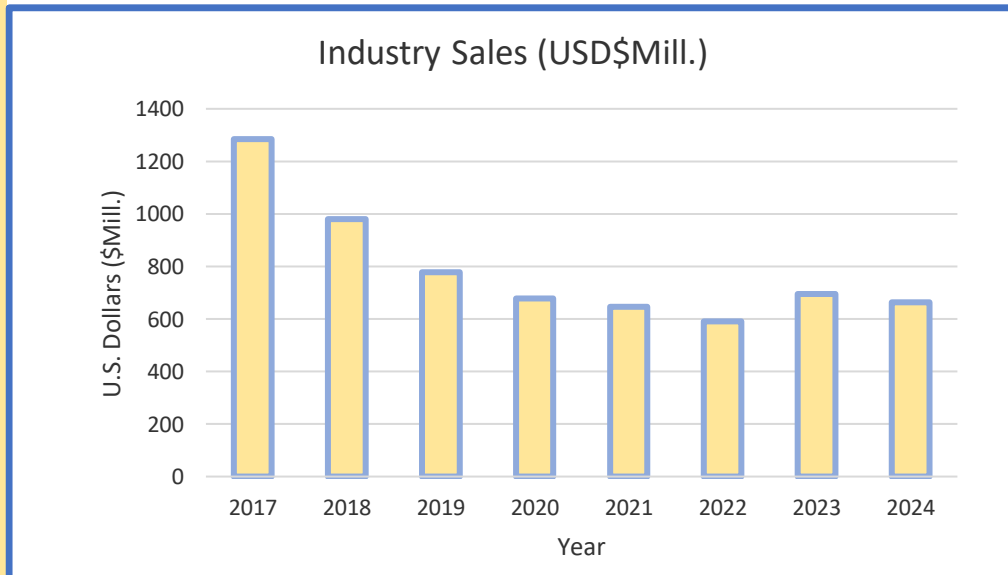
Year	Industry Sales (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	44,044.1		
2018	43,988.2	2017-2018	-0.1%
2019	42,740.2	2018-2019	-2.8%
2020	41,816.9	2019-2020	-2.2%
2021	41,428.6	2020-2021	-0.9%
2022	40,817.0	2021-2022	-1.5%
2023	50,741.3	2022-2023	24.3%
2024	51,514.4	2023-2024	1.5%
2029	55,690.5	CAGR 2024-2029	8.1%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Global

The Gasket, Packing, And Sealing Device Manufacturing Industry is forecast to be \$50,741.3 million dollars in 2023 and to change by 24.3 percent from 2022 to 2023 in Global.

The industry will be \$51,514.4 million dollars in 2024 and is forecast to change by 1.5 percent from 2023 to 2024.



Source: Wharry Sharpe Research



# Gasket, Packing, And Sealing Device Manufacturing Industry

## VALUE ADDED

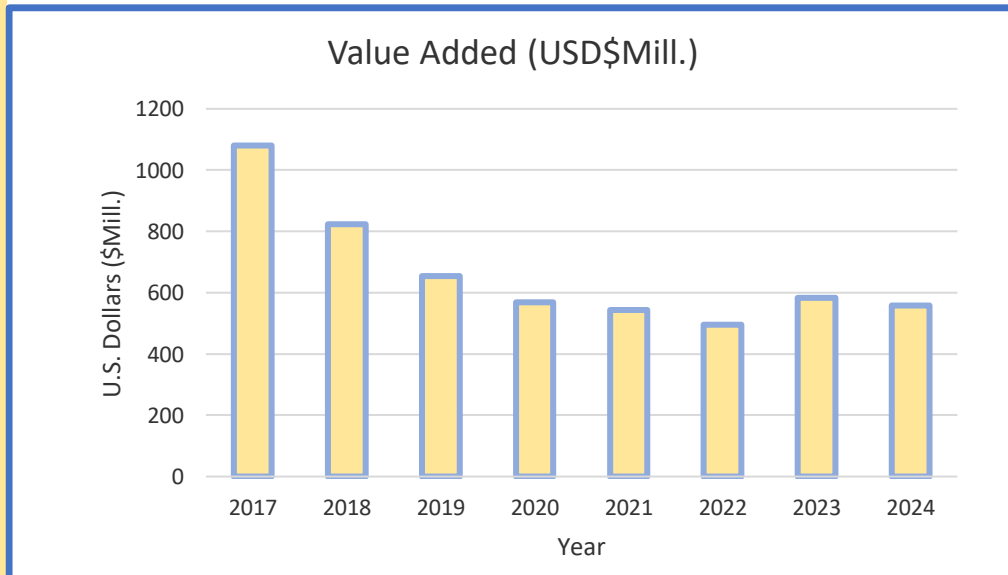
Year	Value Added (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	24,239.0		
2018	24,208.3	2017-2018	-0.1%
2019	23,521.4	2018-2019	-2.8%
2020	23,013.3	2019-2020	-2.2%
2021	22,799.6	2020-2021	-0.9%
2022	22,463.0	2021-2022	-1.5%
2023	27,924.7	2022-2023	24.3%
2024	28,350.2	2023-2024	1.5%
2029	30,648.4	CAGR 2024-2029	8.1%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Global

The Gasket, Packing, And Sealing Device Manufacturing Industry value added will be \$50,741.3 million dollars in 2023 and to change by 24.3 percent from 2022 to 2023 in Global.

The value added will be \$51,514.4 million dollars in 2024 and is forecast to change by 1.5 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## INTERMEDIATE INPUTS

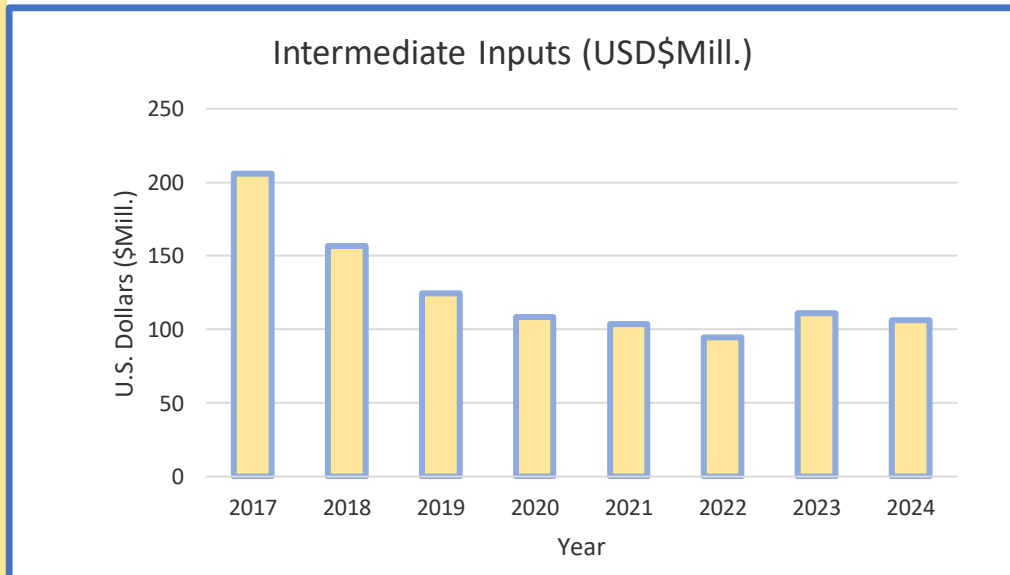
Year	Intermediate Inputs (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	19,805.1		
2018	19,780.0	2017-2018	-0.1%
2019	19,218.7	2018-2019	-2.8%
2020	18,803.6	2019-2020	-2.2%
2021	18,629.0	2020-2021	-0.9%
2022	18,354.0	2021-2022	-1.5%
2023	22,816.6	2022-2023	24.3%
2024	23,164.2	2023-2024	1.5%
2029	25,042.0	CAGR 2024-2029	8.1%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Global

The Gasket, Packing, And Sealing Device Manufacturing Industry intermediate inputs will be \$50,741.3 million dollars in 2023 and to change by 24.3 percent from 2022 to 2023 in Global.

The intermediate inputs will be \$51,514.4 million dollars in 2024 and is forecast to change by 1.5 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## GROSS OPERATING SURPLUS

Gross Operating Surplus (USD\$Mill.)			
Year	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	10,708.4		
2018	10,694.8	2017-2018	-0.1%
2019	10,391.4	2018-2019	-2.8%
2020	10,166.9	2019-2020	-2.2%
2021	10,072.5	2020-2021	-0.9%
2022	9,923.8	2021-2022	-1.5%
2023	12,336.7	2022-2023	24.3%
2024	12,524.7	2023-2024	1.5%
2029	13,540.0	CAGR 2024-2029	8.1%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Global

The Gasket, Packing, And Sealing Device Manufacturing Industry gross operating surplus will be \$50,741.3 million dollars in 2023 and to change by 24.3 percent from 2022 to 2023 in Global.

The gross operating surplus will be \$51,514.4 million dollars in 2024 and is forecast to change by 1.5 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## 2023 Supply of Commodites by Industry

Global

	(USD\$ Mill.)
111CA Farms	--
113FF Forestry, fishing, and related activities	--
211 Oil and gas extraction	--
212 Mining, except oil and gas	--
213 Support activities for mining	--
22 Utilities	--
23 Construction	12.6
321 Wood products	328.0
327 Nonmetallic mineral products	11.6
331 Primary metals	41.7
332 Fabricated metal products	137.8
333 Machinery	800.5
334 Computer and electronic products	301,588.0
335 Electrical equipment, appliances, and components	1,820.3
3361MV Motor vehicles, bodies and trailers, and parts	20.4
3364OT Other transportation equipment	2,940.0
337 Furniture and related products	38.8
339 Miscellaneous manufacturing	1,308.9
311FT Food and beverage and tobacco products	--
313TT Textile mills and textile product mills	1.0
315AL Apparel and leather and allied products	--
322 Paper products	4.9
323 Printing and related support activities	5.8
324 Petroleum and coal products	--
325 Chemical products	927.6
326 Plastics and rubber products	193.1
42 Wholesale trade	3,538.6
441 Motor vehicle and parts dealers	--
445 Food and beverage stores	--
452 General merchandise stores	--
4A0 Other retail	--
481 Air transportation	--
482 Rail transportation	--

Source: Wharry Sharpe Research

Examples of transactions of Supply of Commodities include the following: Printing commodity completed within the publishing industry, packaging (paper) commodities supplied within by the food manufacturing industry, computer design services supplied within by the insurance industry.

## Gasket, Packing, And Sealing Device Manufacturing Industry

### 2023 Supply of Commodites by Industry

Global

	(USD\$ Mill.)
483 Water transportation	--
484 Truck transportation	--
485 Transit and ground passenger transportation	--
486 Pipeline transportation	--
487OS Other transportation and support activities	--
493 Warehousing and storage	--
511 Publishing industries, except internet (includes so	--
512 Motion picture and sound recording industries	--
513 Broadcasting and telecommunications	--
514 Data processing, internet publishing, and other inf	--
521CI Federal Reserve banks, credit intermediation, ar	--
523 Securities, commodity contracts, and investments	--
524 Insurance carriers and related activities	--
525 Funds, trusts, and other financial vehicles	--
HS Housing	--
ORE Other real estate	--
532RL Rental and leasing services and lessors of intang	--
5411 Legal services	--
5415 Computer systems design and related services	1,500.1
5412OP Miscellaneous professional, scientific, and tec	55,934.0
55 Management of companies and enterprises	--
561 Administrative and support services	--
562 Waste management and remediation services	--
61 Educational services	--
621 Ambulatory health care services	--
622 Hospitals	--
623 Nursing and residential care facilities	--
624 Social assistance	--
711AS Performing arts, spectator sports, museums, an	--
713 Amusements, gambling, and recreation industries	--
721 Accommodation	--
722 Food services and drinking places	--
81 Other services, except government	--

Source: Wharry Sharpe Research

Examples of transactions of Supply of Commodities include the following: Printing commodity completed within the publishing industry, packaging (paper) commodities supplied within by the food manufacturing industry, computer design services supplied within by the insurance industry.



## Gasket, Packing, And Sealing Device Manufacturing Industry

### 2023 Use of Commodities by Industry

Global

	(USD\$ Mill.)
111CA Farms	--
113FF Forestry, fishing, and related activities	--
211 Oil and gas extraction	--
212 Mining, except oil and gas	1.0
213 Support activities for mining	--
22 Utilities	468.6
23 Construction	62.1
321 Wood products	559.9
327 Nonmetallic mineral products	186.3
331 Primary metals	2,894.4
332 Fabricated metal products	2,720.7
333 Machinery	209.6
334 Computer and electronic products	20,245.0
335 Electrical equipment, appliances, and components	1,293.4
3361MV Motor vehicles, bodies and trailers, and parts	259.1
3364OT Other transportation equipment	--
337 Furniture and related products	32.0
339 Miscellaneous manufacturing	2.9
311FT Food and beverage and tobacco products	--
313TT Textile mills and textile product mills	-
315AL Apparel and leather and allied products	--
322 Paper products	289.1
323 Printing and related support activities	--
324 Petroleum and coal products	79.6
325 Chemical products	1,316.7
326 Plastics and rubber products	596.7
42 Wholesale trade	341.5
441 Motor vehicle and parts dealers	--
445 Food and beverage stores	--
452 General merchandise stores	--
4A0 Other retail	--
481 Air transportation	17.5
482 Rail transportation	--

Source: Wharry Sharpe Research

Examples of transactions of Use of Commodities include the following: Shipments of processed steel from the steel industry to automotive plants, sales of appliances to consumers, paper consumed by printing companies, and energy (gas, electricity) used by manufacturers.

## Gasket, Packing, And Sealing Device Manufacturing Industry

### 2023 Use of Commodites by Industry

	(USD\$ Mill.)
483 Water transportation	--
484 Truck transportation	103.8
485 Transit and ground passenger transportation	4.9
486 Pipeline transportation	--
487OS Other transportation and support activities	--
493 Warehousing and storage	1,502.0
511 Publishing industries, except internet (includes so	4.9
512 Motion picture and sound recording industries	--
513 Broadcasting and telecommunications	90.2
514 Data processing, internet publishing, and other inf	355.1
521CI Federal Reserve banks, credit intermediation, ar	519.1
523 Securities, commodity contracts, and investments	40.8
524 Insurance carriers and related activities	(94.1)
525 Funds, trusts, and other financial vehicles	--
HS Housing	--
ORE Other real estate	2,121.0
532RL Rental and leasing services and lessors of intang	256.2
5411 Legal services	2,391.7
5415 Computer systems design and related services	145.5
5412OP Miscellaneous professional, scientific, and tec	5,225.9
55 Management of companies and enterprises	11,839.4
561 Administrative and support services	1,878.5
562 Waste management and remediation services	36.9
61 Educational services	--
621 Ambulatory health care services	--
622 Hospitals	--
623 Nursing and residential care facilities	--
624 Social assistance	--
711AS Performing arts, spectator sports, museums, an	2.9
713 Amusements, gambling, and recreation industries	2.9
721 Accommodation	14.6
722 Food services and drinking places	21.3
81 Other services, except government	271.7

Global

Source: Wharry Sharpe Research

Examples of transactions of Use of Commodities include the following: Shipments of processed steel from the steel industry to automotive plants, sales of appliances to consumers, paper consumed by printing companies, and energy (gas, electricity) used by manufacturers.



# Gasket, Packing, And Sealing Device Manufacturing Industry

## 2023 Use of Commodites by Industry

Global

	(USD\$ Mill.)
GFGD Federal general government (defense)	--
GFGN Federal general government (nondefense)	--
GFE Federal government enterprises	-
GSLG State and local general government	--
GSLE State and local government enterprises	20.4
Other Noncomparable imports and rest-of-the-world a	1,111.9
Used Scrap, used and secondhand goods	--
T005 Total Intermediate	59,443.4

Source: Wharry Sharpe Research

Examples of transactions of Use of Commodities include the following: Shipments of processed steel from the steel industry to automotive plants, sales of appliances to consumers, paper consumed by printing companies, and energy (gas, electricity) used by manufacturers.

# Gasket, Packing, And Sealing Device Manufacturing Industry

## INDUSTRY SALES OUTLOOK

### REGIONAL INDUSTRY

Region	Industry Sales (USD\$ Millions)			
	2021	2022	2023	2024
North America	8,548.5	8,494.2	10,651.5	10,888.5
Latin America	639.9	573.4	653.0	602.3
Europe	7,156.0	6,734.0	8,126.0	8,030.8
Asia-Pacific	20,499.3	20,320.9	25,434.9	26,011.4
Middle East	693.5	659.5	795.1	778.4
Africa	470.3	471.9	599.9	621.3
GLOBAL	37,537.2	36,782.0	45,660.4	46,311.5

### Regional Distribution

	2021	2022	2023	2024
North America	22.8%	23.1%	23.3%	23.5%
Latin America	1.7%	1.6%	1.4%	1.3%
Europe	19.1%	18.3%	17.8%	17.3%
Asia-Pacific	54.6%	55.2%	55.7%	56.2%
Middle East	1.8%	1.8%	1.7%	1.7%
Africa	1.3%	1.3%	1.3%	1.3%
GLOBAL	100.0%	100.0%	100.0%	100.0%

### Year-to-Year Change

	2021-2022	2022-2023	2023-2024
North America	-0.6%	25.4%	2.2%
Latin America	-10.4%	13.9%	-7.8%
Europe	-5.9%	20.7%	-1.2%
Asia-Pacific	-0.9%	25.2%	2.3%
Middle East	-4.9%	20.6%	-2.1%
Africa	0.4%	27.1%	3.6%
GLOBAL	-2.0%	24.1%	1.4%

Source: Wharry Sharpe Research

\*2022-2024 Forecast

# Gasket, Packing, And Sealing Device Manufacturing Industry

## INDUSTRY SALES

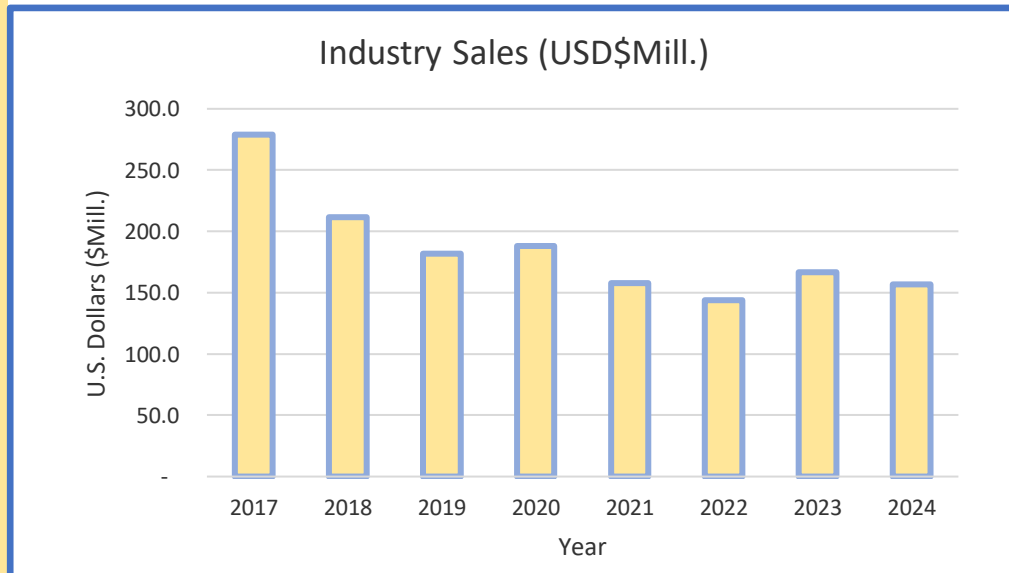
Year	Industry Sales (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	279.1		
2018	211.6	2017-2018	-24.2%
2019	181.6	2018-2019	-14.2%
2020	188.1	2019-2020	3.6%
2021	157.6	2020-2021	-16.2%
2022	143.9	2021-2022	-8.7%
2023	166.9	2022-2023	16.0%
2024	156.8	2023-2024	-6.1%
2029	131.1	CAGR 2024-2029	-16.4%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

The Gasket, Packing, And Sealing Device Manufacturing Industry is forecast to be \$166.9 million dollars in 2023 and to change by 16 percent from 2022 to 2023 in Argentina.

The industry will be \$156.8 million dollars in 2024 and is forecast to change by -6.1 percent from 2023 to 2024.

Argentina



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## VALUE ADDED

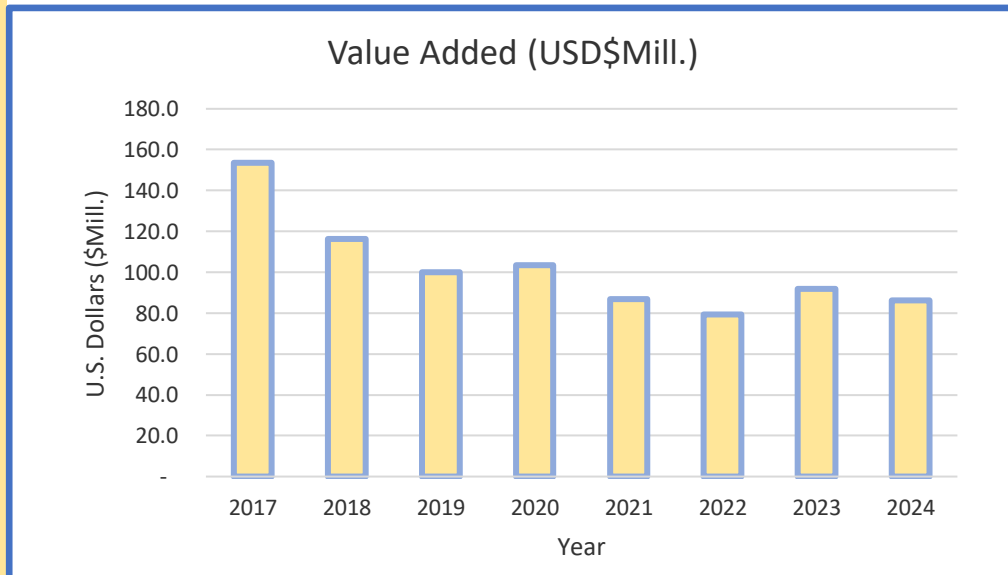
Year	Value Added (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	153.6		
2018	116.4	2017-2018	-24.2%
2019	100.0	2018-2019	-14.2%
2020	103.5	2019-2020	3.6%
2021	86.8	2020-2021	-16.2%
2022	79.2	2021-2022	-8.7%
2023	91.9	2022-2023	16.0%
2024	86.3	2023-2024	-6.1%
2029	72.1	CAGR 2024-2029	-16.4%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

The Gasket, Packing, And Sealing Device Manufacturing Industry value added will be \$166.9 million dollars in 2023 and to change by 16 percent from 2022 to 2023 in Argentina.

The value added will be \$156.8 million dollars in 2024 and is forecast to change by -6.1 percent from 2023 to 2024.

Argentina



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## INTERMEDIATE INPUTS

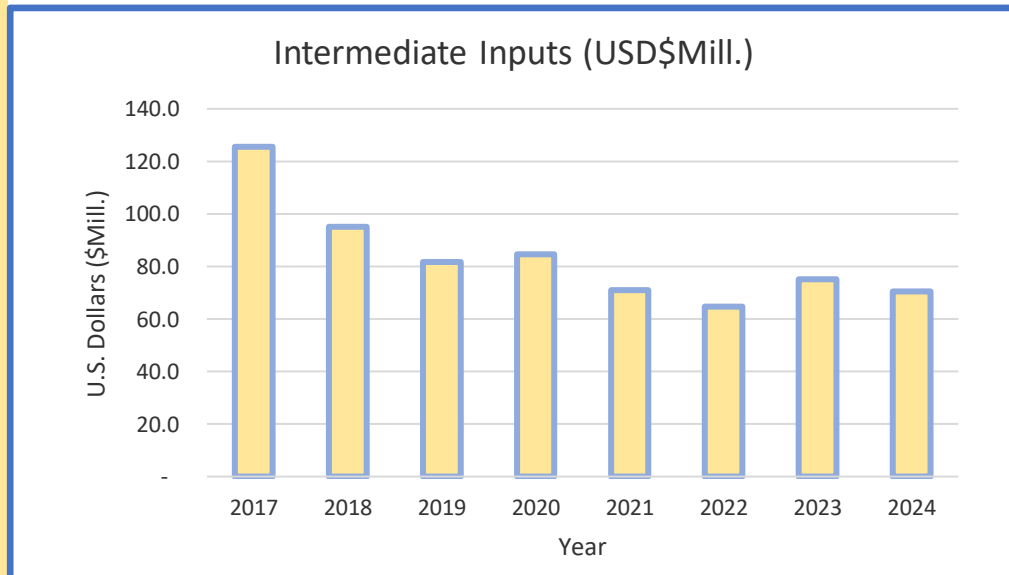
Year	Intermediate Inputs (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	125.5		
2018	95.1	2017-2018	-24.2%
2019	81.7	2018-2019	-14.2%
2020	84.6	2019-2020	3.6%
2021	70.9	2020-2021	-16.2%
2022	64.7	2021-2022	-8.7%
2023	75.1	2022-2023	16.0%
2024	70.5	2023-2024	-6.1%
2029	58.9	CAGR 2024-2029	-16.4%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

The Gasket, Packing, And Sealing Device Manufacturing Industry intermediate inputs will be \$166.9 million dollars in 2023 and to change by 16 percent from 2022 to 2023 in Argentina.

The intermediate inputs will be \$156.8 million dollars in 2024 and is forecast to change by -6.1 percent from 2023 to 2024.

Argentina



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## GROSS OPERATING SURPLUS

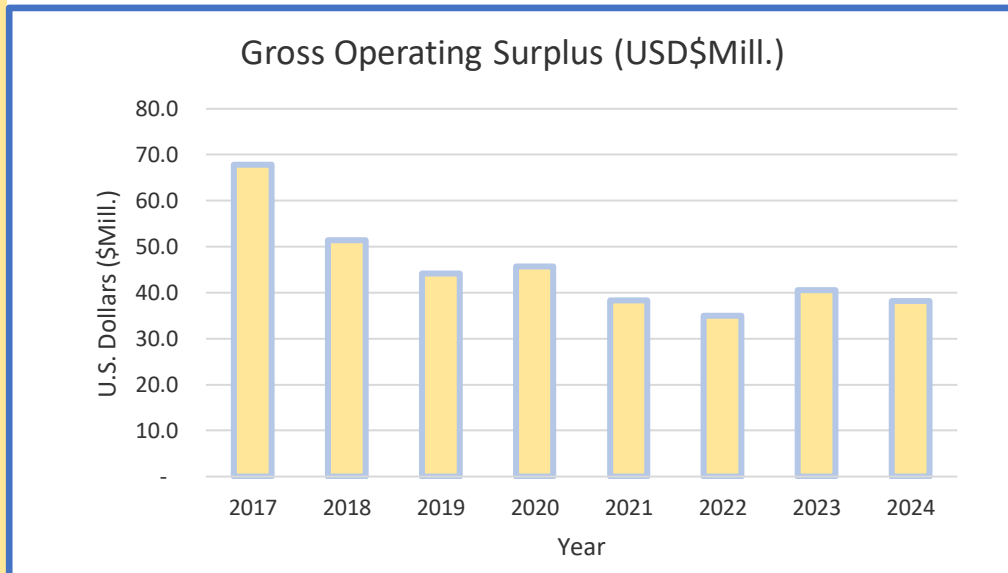
Gross Operating Surplus (USD\$Mill.)			
Year	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	67.9		
2018	51.4	2017-2018	-24.2%
2019	44.2	2018-2019	-14.2%
2020	45.7	2019-2020	3.6%
2021	38.3	2020-2021	-16.2%
2022	35.0	2021-2022	-8.7%
2023	40.6	2022-2023	16.0%
2024	38.1	2023-2024	-6.1%
2029	31.9	CAGR 2024-2029	-16.4%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Argentina

The Gasket, Packing, And Sealing Device Manufacturing Industry gross operating surplus will be \$166.9 million dollars in 2023 and to change by 16 percent from 2022 to 2023 in Argentina.

The gross operating surplus will be \$156.8 million dollars in 2024 and is forecast to change by -6.1 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## INDUSTRY SALES

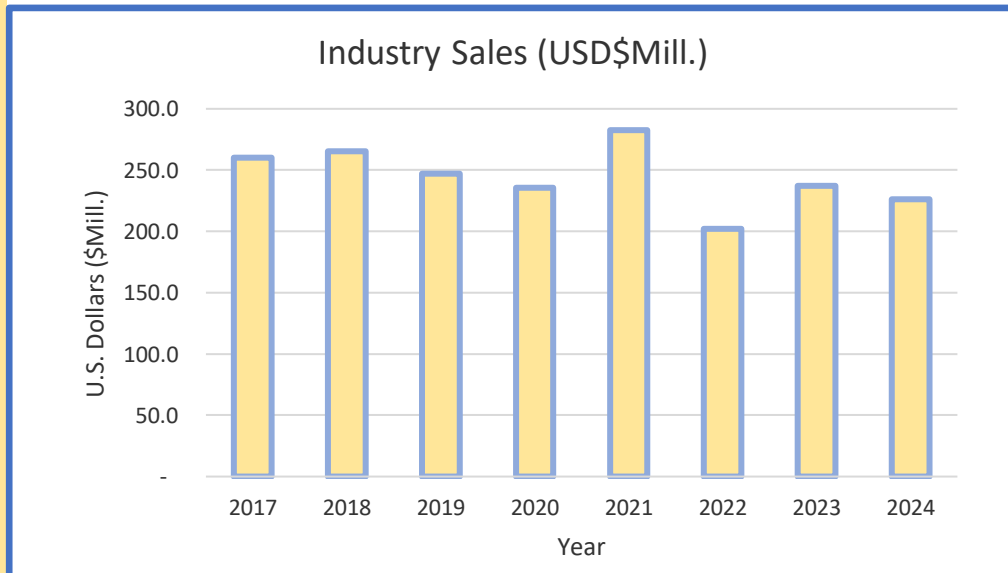
Year	Industry Sales (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	260.4		
2018	265.6	2017-2018	2.0%
2019	247.2	2018-2019	-6.9%
2020	235.8	2019-2020	-4.6%
2021	282.8	2020-2021	20.0%
2022	202.1	2021-2022	-28.6%
2023	237.2	2022-2023	17.4%
2024	226.0	2023-2024	-4.7%
2029	190.7	CAGR 2024-2029	-15.6%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Australia

The Gasket, Packing, And Sealing Device Manufacturing Industry is forecast to be \$237.2 million dollars in 2023 and to change by 17.4 percent from 2022 to 2023 in Australia.

The industry will be \$226.0 million dollars in 2024 and is forecast to change by -4.7 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## VALUE ADDED

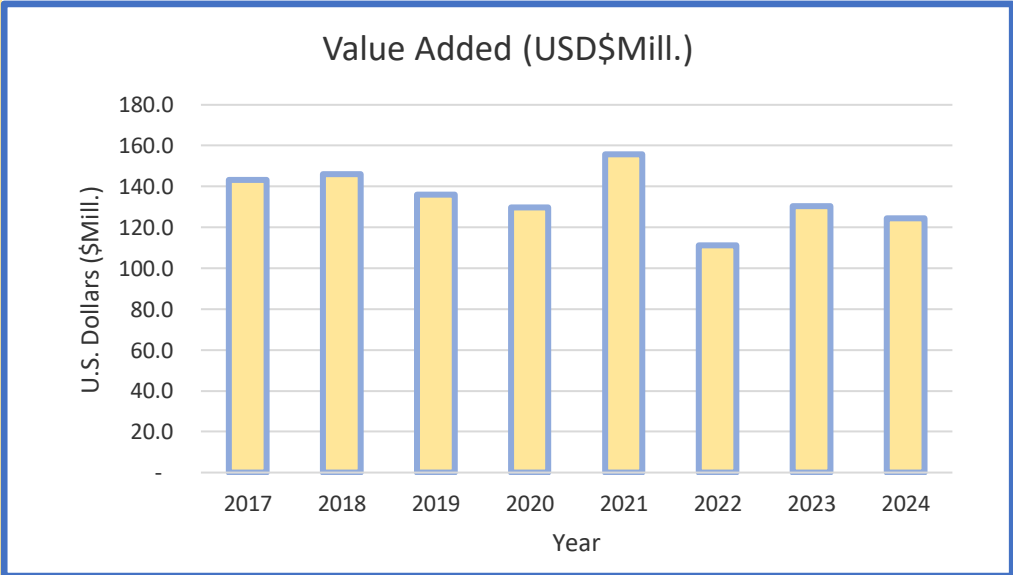
Year	Value Added (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	143.3		
2018	146.2	2017-2018	2.0%
2019	136.0	2018-2019	-6.9%
2020	129.8	2019-2020	-4.6%
2021	155.7	2020-2021	20.0%
2022	111.2	2021-2022	-28.6%
2023	130.5	2022-2023	17.4%
2024	124.4	2023-2024	-4.7%
2029	104.9	CAGR 2024-2029	-15.6%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Australia

The Gasket, Packing, And Sealing Device Manufacturing Industry value added will be \$237.2 million dollars in 2023 and to change by 17.4 percent from 2022 to 2023 in Australia.

The value added will be \$226.0 million dollars in 2024 and is forecast to change by -4.7 percent from 2023 to 2024.



Source: Wharry Sharpe Research



# Gasket, Packing, And Sealing Device Manufacturing Industry

## INTERMEDIATE INPUTS

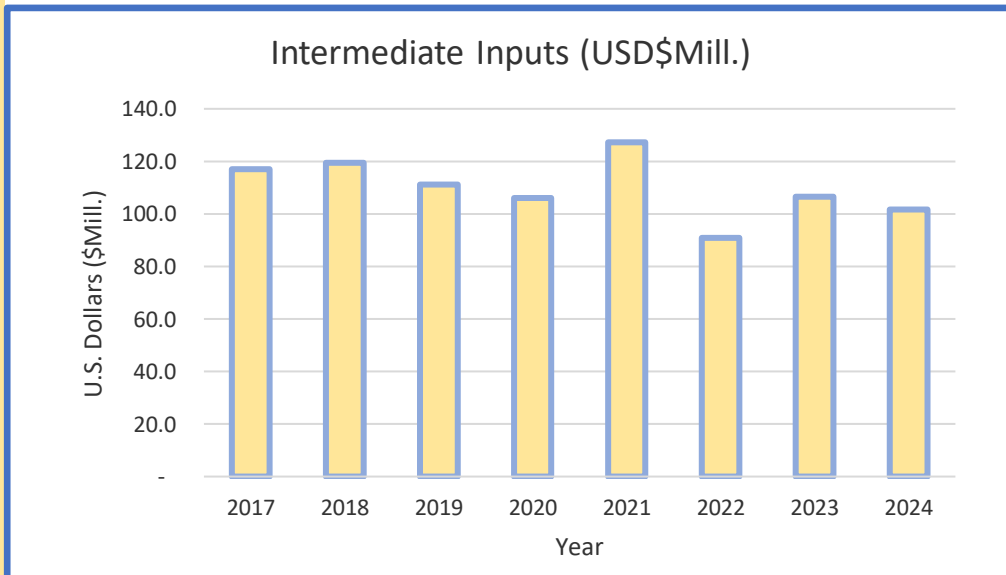
Year	Intermediate Inputs (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	117.1		
2018	119.4	2017-2018	2.0%
2019	111.2	2018-2019	-6.9%
2020	106.0	2019-2020	-4.6%
2021	127.2	2020-2021	20.0%
2022	90.9	2021-2022	-28.6%
2023	106.6	2022-2023	17.4%
2024	101.6	2023-2024	-4.7%
2029	85.7	CAGR 2024-2029	-15.6%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Australia

The Gasket, Packing, And Sealing Device Manufacturing Industry intermediate inputs will be \$237.2 million dollars in 2023 and to change by 17.4 percent from 2022 to 2023 in Australia.

The intermediate inputs will be \$226.0 million dollars in 2024 and is forecast to change by -4.7 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## GROSS OPERATING SURPLUS

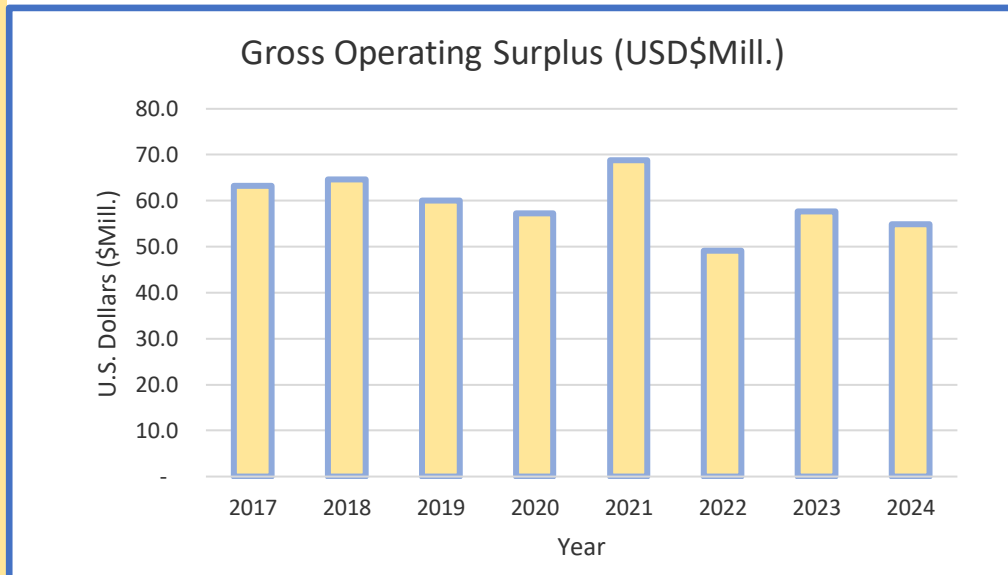
Gross Operating Surplus (USD\$Mill.)			
Year	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	63.3		
2018	64.6	2017-2018	2.0%
2019	60.1	2018-2019	-6.9%
2020	57.3	2019-2020	-4.6%
2021	68.8	2020-2021	20.0%
2022	49.1	2021-2022	-28.6%
2023	57.7	2022-2023	17.4%
2024	55.0	2023-2024	-4.7%
2029	46.4	CAGR 2024-2029	-15.6%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Australia

The Gasket, Packing, And Sealing Device Manufacturing Industry gross operating surplus will be \$237.2 million dollars in 2023 and to change by 17.4 percent from 2022 to 2023 in Australia.

The gross operating surplus will be \$226.0 million dollars in 2024 and is forecast to change by -4.7 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## INDUSTRY SALES

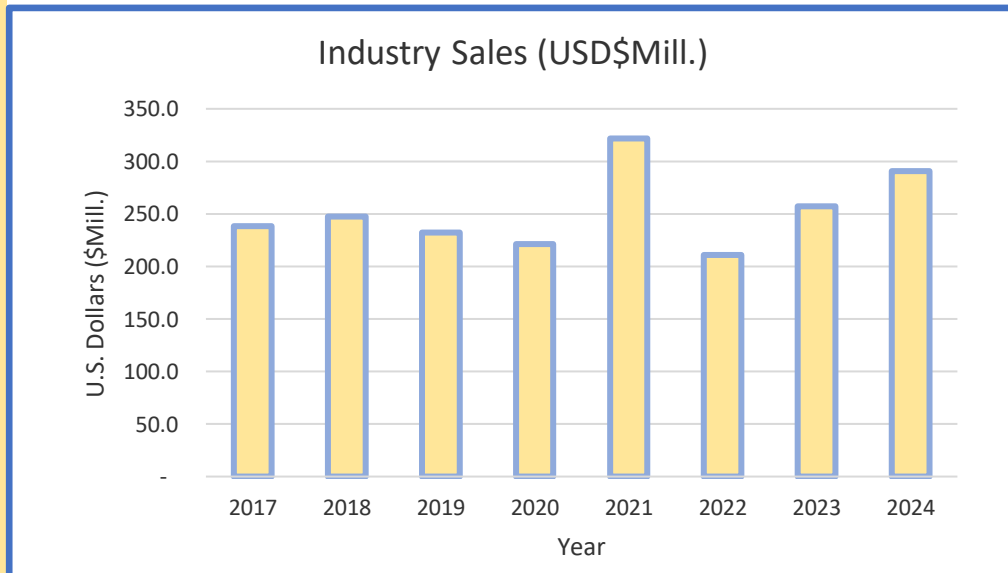
Year	Industry Sales (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	238.6		
2018	247.3	2017-2018	3.6%
2019	231.9	2018-2019	-6.2%
2020	221.4	2019-2020	-4.5%
2021	321.5	2020-2021	45.2%
2022	210.9	2021-2022	-34.4%
2023	257.4	2022-2023	22.0%
2024	290.8	2023-2024	13.0%
2029	250.8	CAGR 2024-2029	-13.7%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Austria

The Gasket, Packing, And Sealing Device Manufacturing Industry is forecast to be \$257.4 million dollars in 2023 and to change by 22 percent from 2022 to 2023 in Austria.

The industry will be \$290.8 million dollars in 2024 and is forecast to change by 13 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## VALUE ADDED

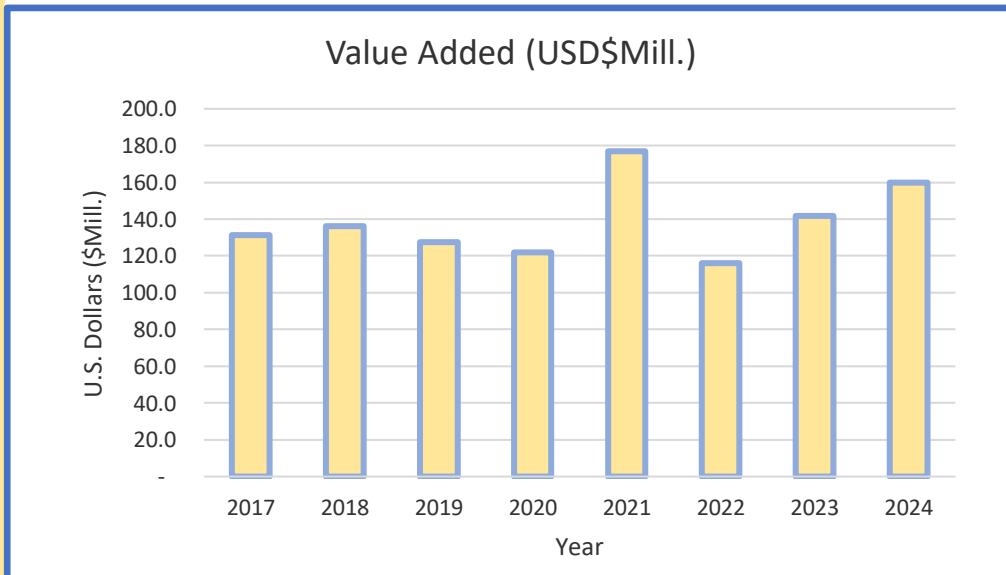
Year	Value Added (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	131.3		
2018	136.1	2017-2018	3.6%
2019	127.6	2018-2019	-6.2%
2020	121.8	2019-2020	-4.5%
2021	177.0	2020-2021	45.2%
2022	116.1	2021-2022	-34.4%
2023	141.6	2022-2023	22.0%
2024	160.0	2023-2024	13.0%
2029	138.0	CAGR 2024-2029	-13.7%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Austria

The Gasket, Packing, And Sealing Device Manufacturing Industry value added will be \$257.4 million dollars in 2023 and to change by 22 percent from 2022 to 2023 in Austria.

The value added will be \$290.8 million dollars in 2024 and is forecast to change by 13 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## INTERMEDIATE INPUTS

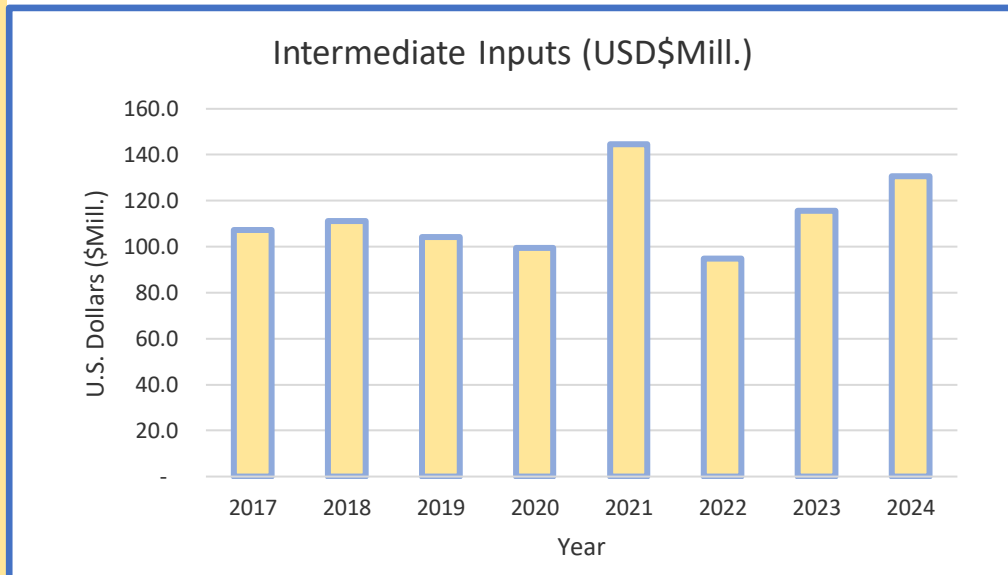
Year	Intermediate Inputs (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	107.3		
2018	111.2	2017-2018	3.6%
2019	104.3	2018-2019	-6.2%
2020	99.6	2019-2020	-4.5%
2021	144.6	2020-2021	45.2%
2022	94.8	2021-2022	-34.4%
2023	115.7	2022-2023	22.0%
2024	130.7	2023-2024	13.0%
2029	112.8	CAGR 2024-2029	-13.7%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Austria

The Gasket, Packing, And Sealing Device Manufacturing Industry intermediate inputs will be \$257.4 million dollars in 2023 and to change by 22 percent from 2022 to 2023 in Austria.

The intermediate inputs will be \$290.8 million dollars in 2024 and is forecast to change by 13 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## GROSS OPERATING SURPLUS

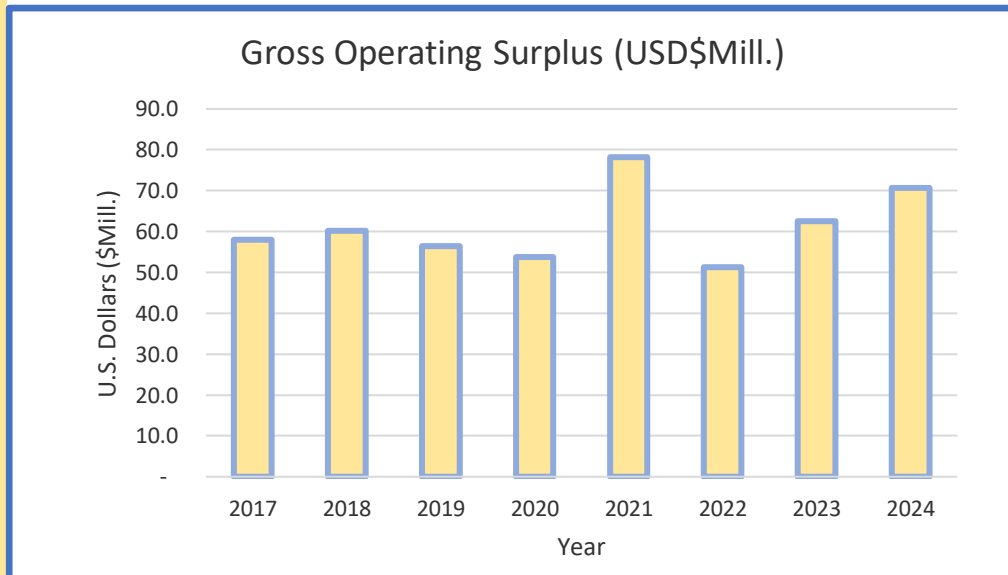
Gross Operating Surplus (USD\$Mill.)			
Year	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	58.0		
2018	60.1	2017-2018	3.6%
2019	56.4	2018-2019	-6.2%
2020	53.8	2019-2020	-4.5%
2021	78.2	2020-2021	45.2%
2022	51.3	2021-2022	-34.4%
2023	62.6	2022-2023	22.0%
2024	70.7	2023-2024	13.0%
2029	61.0	CAGR 2024-2029	-13.7%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Austria

The Gasket, Packing, And Sealing Device Manufacturing Industry gross operating surplus will be \$257.4 million dollars in 2023 and to change by 22 percent from 2022 to 2023 in Austria.

The gross operating surplus will be \$290.8 million dollars in 2024 and is forecast to change by 13 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

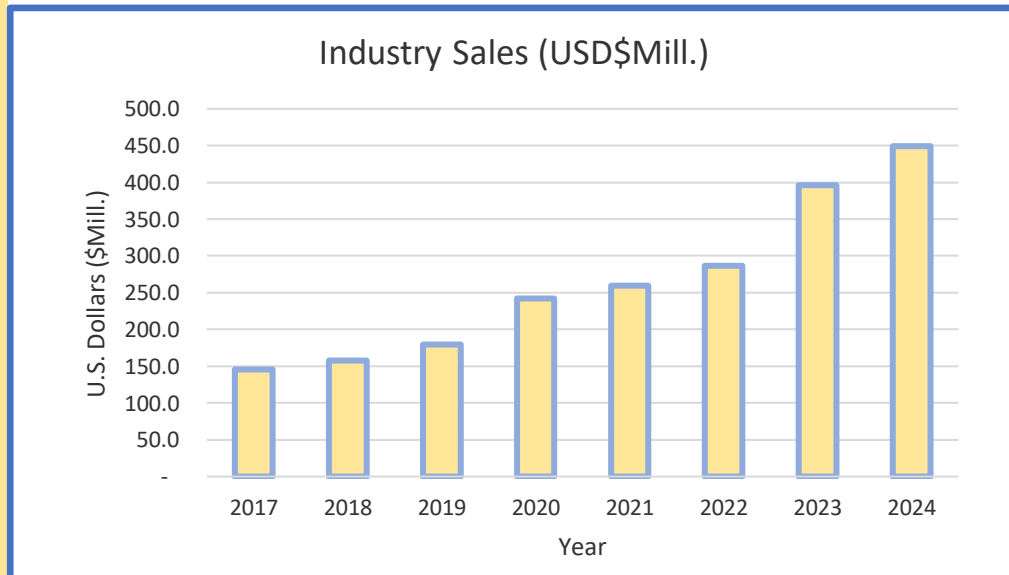
## INDUSTRY SALES

Year	Industry Sales (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	146.0		
2018	157.8	2017-2018	8.1%
2019	179.6	2018-2019	13.8%
2020	242.0	2019-2020	34.7%
2021	259.8	2020-2021	7.4%
2022	286.6	2021-2022	10.3%
2023	396.3	2022-2023	38.3%
2024	449.1	2023-2024	13.3%
2029	758.0	CAGR 2024-2029	68.8%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

The Gasket, Packing, And Sealing Device Manufacturing Industry is forecast to be \$396.3 million dollars in 2023 and to change by 38.3 percent from 2022 to 2023 in Bangladesh. The industry will be \$449.1 million dollars in 2024 and is forecast to change by 13.3 percent from 2023 to 2024.

Bangladesh



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## VALUE ADDED

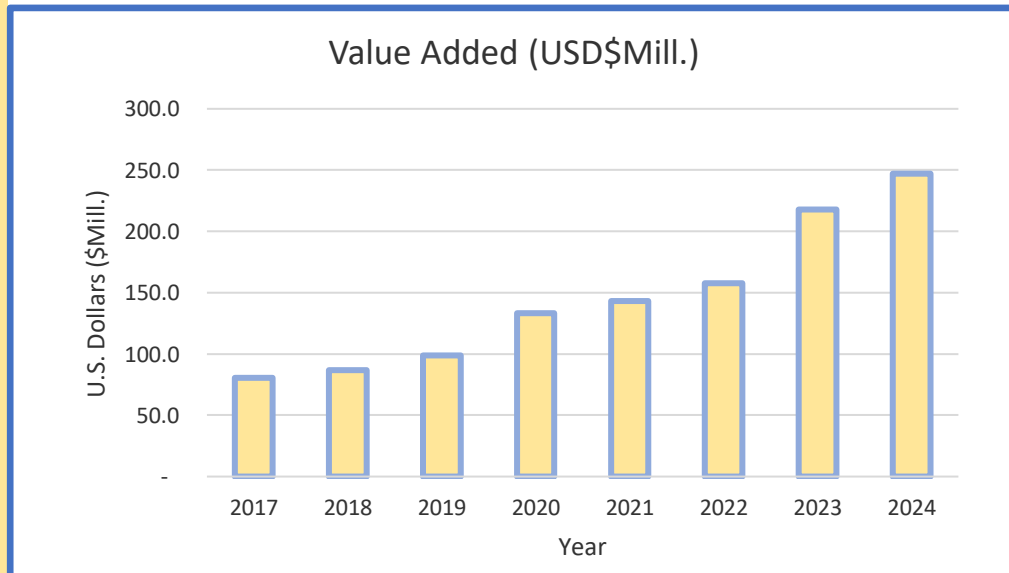
Year	Value Added (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	80.3		
2018	86.9	2017-2018	8.1%
2019	98.9	2018-2019	13.8%
2020	133.2	2019-2020	34.7%
2021	143.0	2020-2021	7.4%
2022	157.7	2021-2022	10.3%
2023	218.1	2022-2023	38.3%
2024	247.2	2023-2024	13.3%
2029	417.2	CAGR 2024-2029	68.8%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

The Gasket, Packing, And Sealing Device Manufacturing Industry value added will be \$396.3 million dollars in 2023 and to change by 38.3 percent from 2022 to 2023 in Bangladesh.

The value added will be \$449.1 million dollars in 2024 and is forecast to change by 13.3 percent from 2023 to 2024.

Bangladesh



Source: Wharry Sharpe Research



# Gasket, Packing, And Sealing Device Manufacturing Industry

## INTERMEDIATE INPUTS

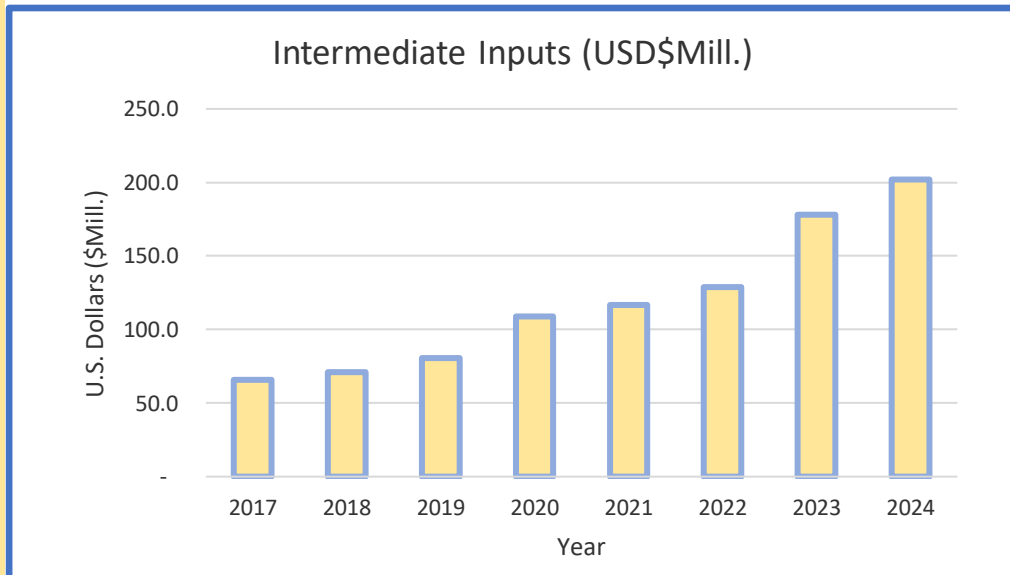
Year	Intermediate Inputs (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	65.6		
2018	71.0	2017-2018	8.1%
2019	80.8	2018-2019	13.8%
2020	108.8	2019-2020	34.7%
2021	116.8	2020-2021	7.4%
2022	128.9	2021-2022	10.3%
2023	178.2	2022-2023	38.3%
2024	202.0	2023-2024	13.3%
2029	340.8	CAGR 2024-2029	68.8%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

The Gasket, Packing, And Sealing Device Manufacturing Industry intermediate inputs will be \$396.3 million dollars in 2023 and to change by 38.3 percent from 2022 to 2023 in Bangladesh.

The intermediate inputs will be \$449.1 million dollars in 2024 and is forecast to change by 13.3 percent from 2023 to 2024.

Bangladesh



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## GROSS OPERATING SURPLUS

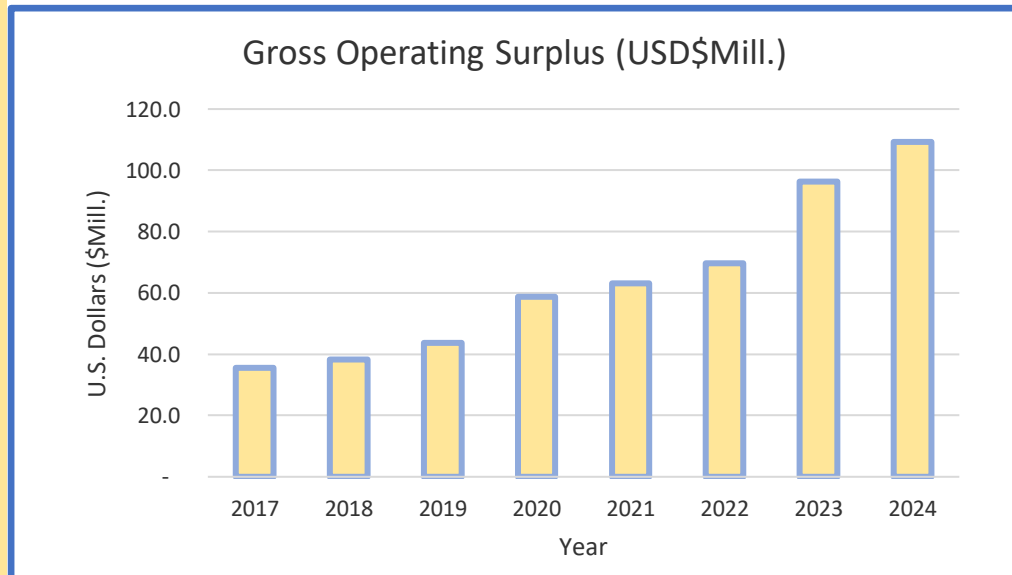
Gross Operating Surplus (USD\$Mill.)			
Year	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	35.5		
2018	38.4	2017-2018	8.1%
2019	43.7	2018-2019	13.8%
2020	58.8	2019-2020	34.7%
2021	63.2	2020-2021	7.4%
2022	69.7	2021-2022	10.3%
2023	96.4	2022-2023	38.3%
2024	109.2	2023-2024	13.3%
2029	184.3	CAGR 2024-2029	68.8%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

The Gasket, Packing, And Sealing Device Manufacturing Industry gross operating surplus will be \$396.3 million dollars in 2023 and to change by 38.3 percent from 2022 to 2023 in Bangladesh.

The gross operating surplus will be \$449.1 million dollars in 2024 and is forecast to change by 13.3 percent from 2023 to 2024.

Bangladesh



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## INDUSTRY SALES

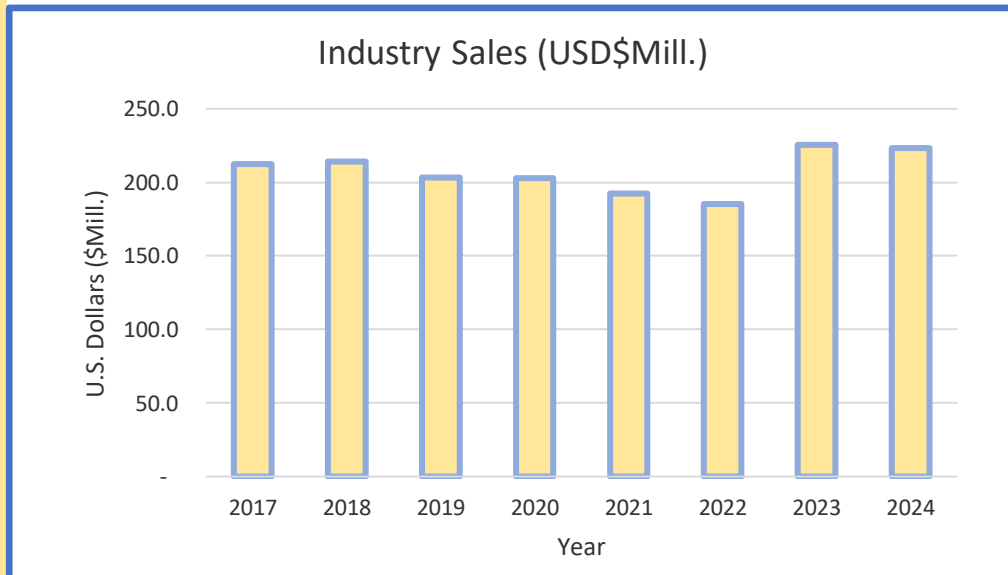
Year	Industry Sales (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	212.6		
2018	214.0	2017-2018	0.7%
2019	203.4	2018-2019	-5.0%
2020	203.0	2019-2020	-0.2%
2021	192.3	2020-2021	-5.3%
2022	185.3	2021-2022	-3.6%
2023	225.3	2022-2023	21.6%
2024	223.2	2023-2024	-0.9%
2029	216.9	CAGR 2024-2029	-2.8%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Belgium

The Gasket, Packing, And Sealing Device Manufacturing Industry is forecast to be \$225.3 million dollars in 2023 and to change by 21.6 percent from 2022 to 2023 in Belgium.

The industry will be \$223.2 million dollars in 2024 and is forecast to change by -0.9 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## VALUE ADDED

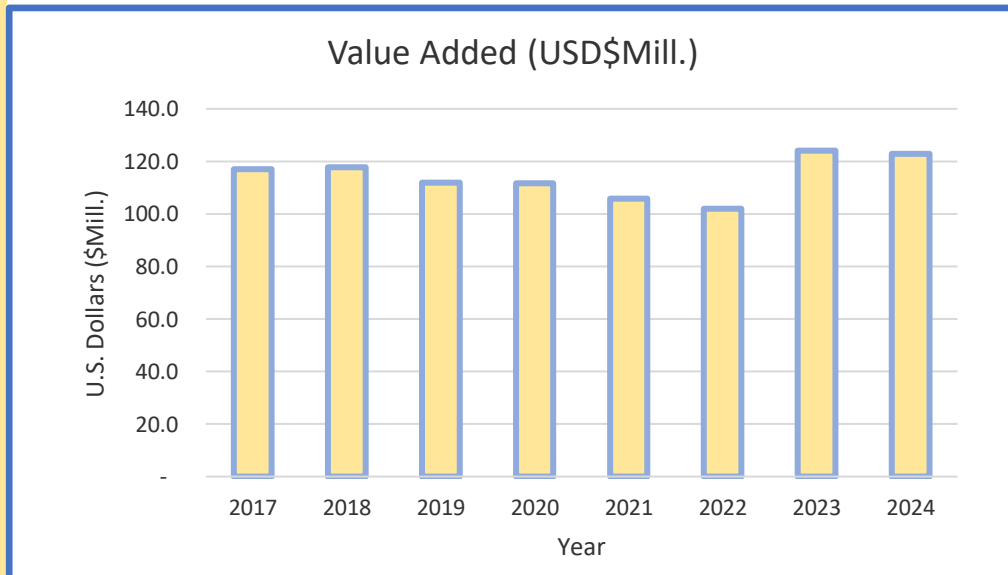
Year	Value Added (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	117.0		
2018	117.8	2017-2018	0.7%
2019	111.9	2018-2019	-5.0%
2020	111.7	2019-2020	-0.2%
2021	105.8	2020-2021	-5.3%
2022	102.0	2021-2022	-3.6%
2023	124.0	2022-2023	21.6%
2024	122.9	2023-2024	-0.9%
2029	119.4	CAGR 2024-2029	-2.8%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Belgium

The Gasket, Packing, And Sealing Device Manufacturing Industry value added will be \$225.3 million dollars in 2023 and to change by 21.6 percent from 2022 to 2023 in Belgium.

The value added will be \$223.2 million dollars in 2024 and is forecast to change by -0.9 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## INTERMEDIATE INPUTS

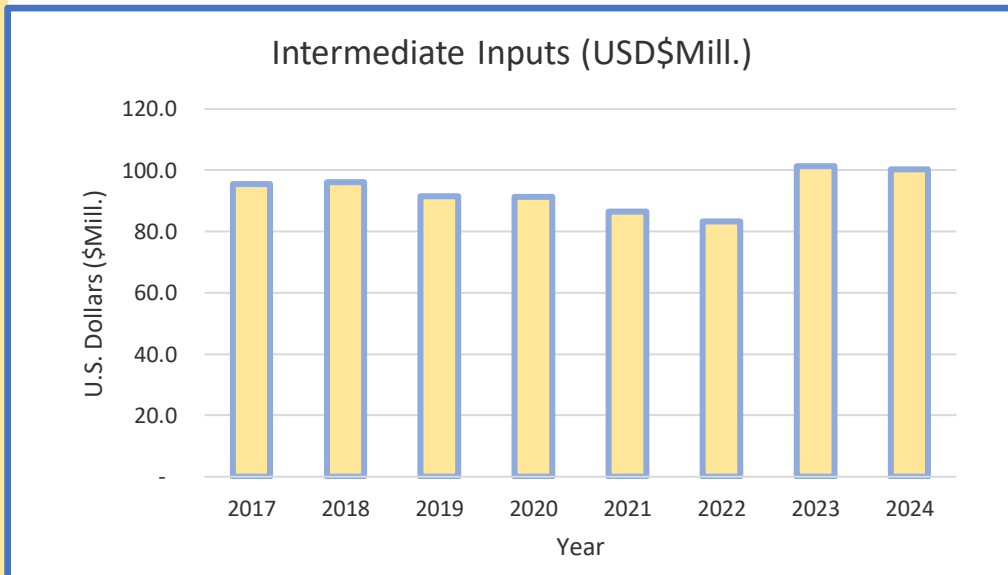
Year	Intermediate Inputs (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	95.6		
2018	96.2	2017-2018	0.7%
2019	91.4	2018-2019	-5.0%
2020	91.3	2019-2020	-0.2%
2021	86.5	2020-2021	-5.3%
2022	83.3	2021-2022	-3.6%
2023	101.3	2022-2023	21.6%
2024	100.4	2023-2024	-0.9%
2029	97.6	CAGR 2024-2029	-2.8%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Belgium

The Gasket, Packing, And Sealing Device Manufacturing Industry intermediate inputs will be \$225.3 million dollars in 2023 and to change by 21.6 percent from 2022 to 2023 in Belgium.

The intermediate inputs will be \$223.2 million dollars in 2024 and is forecast to change by -0.9 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## GROSS OPERATING SURPLUS

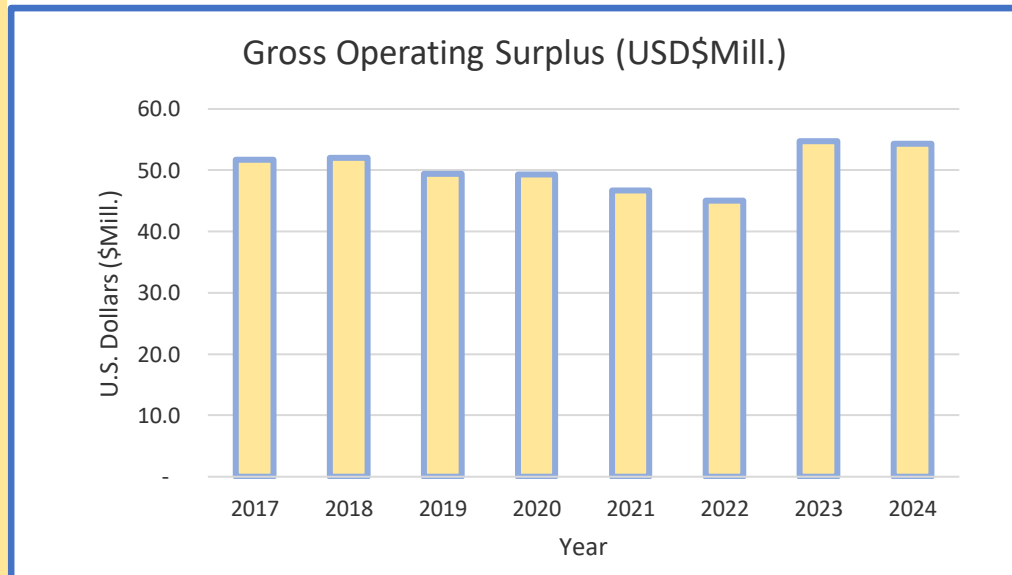
Gross Operating Surplus (USD\$Mill.)			
Year	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	51.7		
2018	52.0	2017-2018	0.7%
2019	49.4	2018-2019	-5.0%
2020	49.4	2019-2020	-0.2%
2021	46.7	2020-2021	-5.3%
2022	45.0	2021-2022	-3.6%
2023	54.8	2022-2023	21.6%
2024	54.3	2023-2024	-0.9%
2029	52.7	CAGR 2024-2029	-2.8%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Belgium

The Gasket, Packing, And Sealing Device Manufacturing Industry gross operating surplus will be \$225.3 million dollars in 2023 and to change by 21.6 percent from 2022 to 2023 in Belgium.

The gross operating surplus will be \$223.2 million dollars in 2024 and is forecast to change by -0.9 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## INDUSTRY SALES

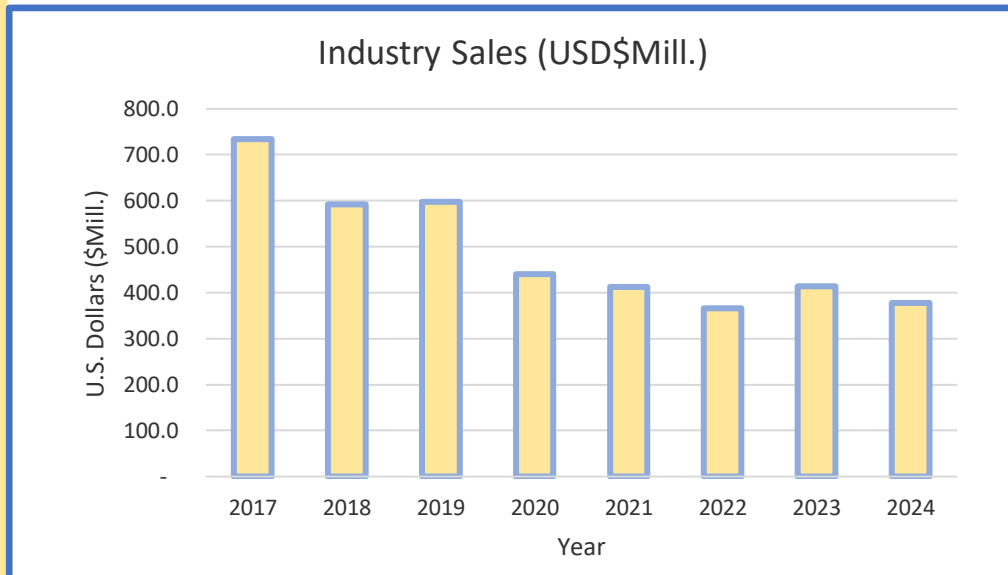
Year	Industry Sales (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	734.5		
2018	591.5	2017-2018	-19.5%
2019	597.2	2018-2019	1.0%
2020	439.8	2019-2020	-26.3%
2021	412.1	2020-2021	-6.3%
2022	366.1	2021-2022	-11.2%
2023	413.3	2022-2023	12.9%
2024	377.8	2023-2024	-8.6%
2029	274.2	CAGR 2024-2029	-27.4%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

## Brazil

The Gasket, Packing, And Sealing Device Manufacturing Industry is forecast to be \$413.3 million dollars in 2023 and to change by 12.9 percent from 2022 to 2023 in Brazil.

The industry will be \$377.8 million dollars in 2024 and is forecast to change by -8.6 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## VALUE ADDED

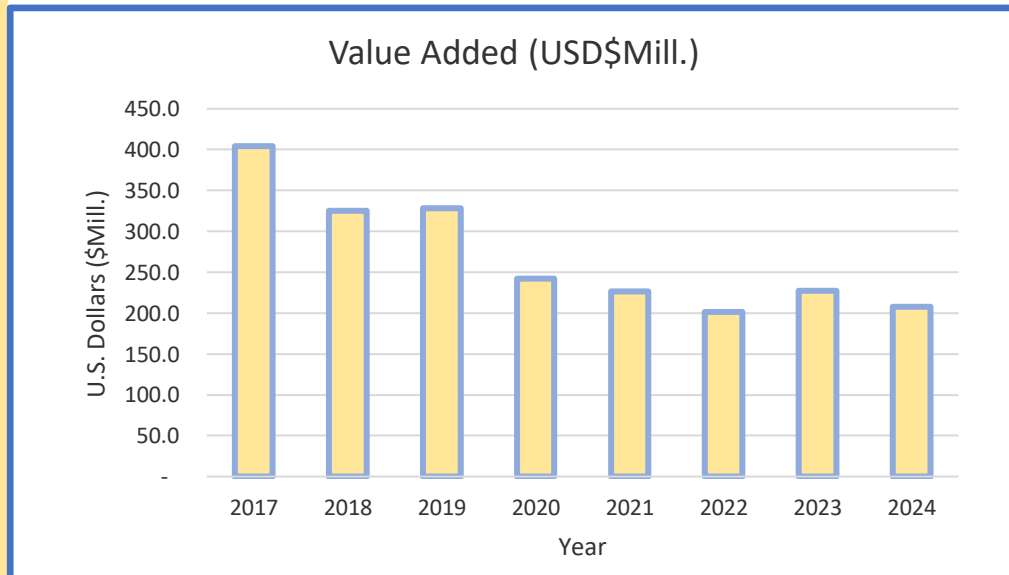
Year	Value Added (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	404.2		
2018	325.5	2017-2018	-19.5%
2019	328.6	2018-2019	1.0%
2020	242.1	2019-2020	-26.3%
2021	226.8	2020-2021	-6.3%
2022	201.5	2021-2022	-11.2%
2023	227.4	2022-2023	12.9%
2024	207.9	2023-2024	-8.6%
2029	150.9	CAGR 2024-2029	-27.4%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

## Brazil

The Gasket, Packing, And Sealing Device Manufacturing Industry value added will be \$413.3 million dollars in 2023 and to change by 12.9 percent from 2022 to 2023 in Brazil.

The value added will be \$377.8 million dollars in 2024 and is forecast to change by -8.6 percent from 2023 to 2024.



Source: Wharry Sharpe Research



# Gasket, Packing, And Sealing Device Manufacturing Industry

## INTERMEDIATE INPUTS

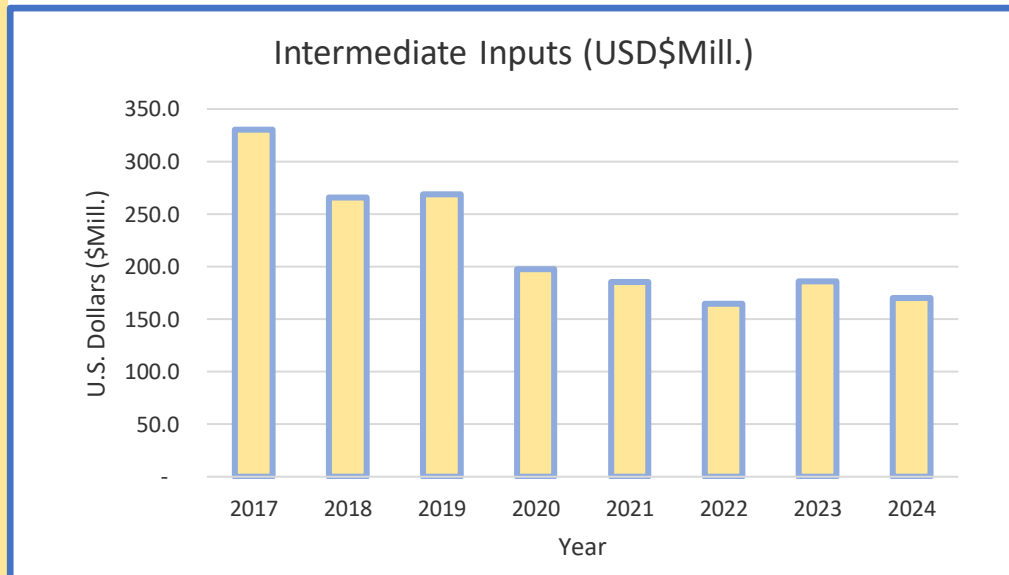
Intermediate Inputs (USD\$Mill.)			
Year	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	330.3		
2018	266.0	2017-2018	-19.5%
2019	268.5	2018-2019	1.0%
2020	197.8	2019-2020	-26.3%
2021	185.3	2020-2021	-6.3%
2022	164.6	2021-2022	-11.2%
2023	185.8	2022-2023	12.9%
2024	169.9	2023-2024	-8.6%
2029	123.3	CAGR 2024-2029	-27.4%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Brazil

The Gasket, Packing, And Sealing Device Manufacturing Industry intermediate inputs will be \$413.3 million dollars in 2023 and to change by 12.9 percent from 2022 to 2023 in Brazil.

The intermediate inputs will be \$377.8 million dollars in 2024 and is forecast to change by -8.6 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## GROSS OPERATING SURPLUS

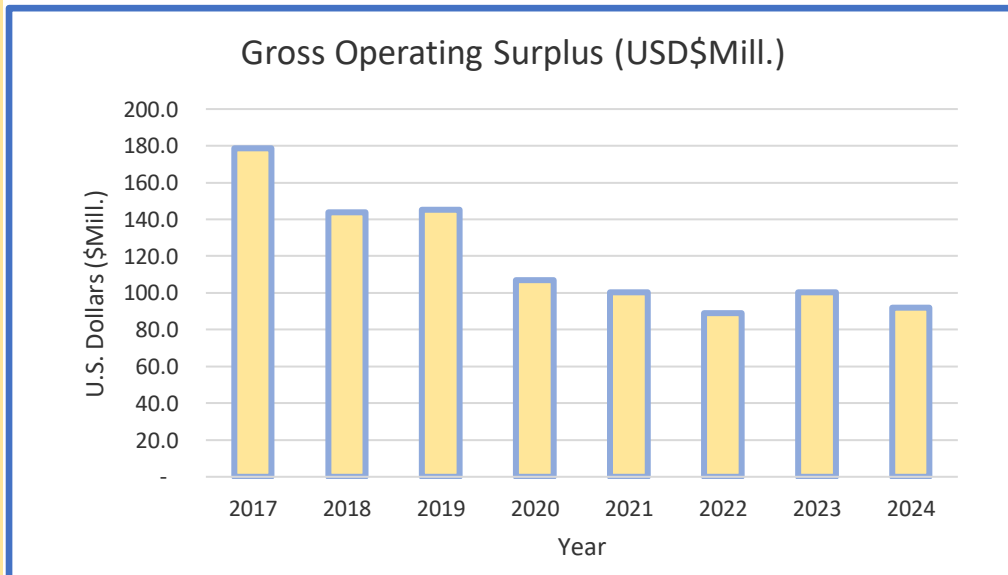
Gross Operating Surplus (USD\$Mill.)			
Year	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	178.6		
2018	143.8	2017-2018	-19.5%
2019	145.2	2018-2019	1.0%
2020	106.9	2019-2020	-26.3%
2021	100.2	2020-2021	-6.3%
2022	89.0	2021-2022	-11.2%
2023	100.5	2022-2023	12.9%
2024	91.8	2023-2024	-8.6%
2029	66.7	CAGR 2024-2029	-27.4%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

## Brazil

The Gasket, Packing, And Sealing Device Manufacturing Industry gross operating surplus will be \$413.3 million dollars in 2023 and to change by 12.9 percent from 2022 to 2023 in Brazil.

The gross operating surplus will be \$377.8 million dollars in 2024 and is forecast to change by -8.6 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## INDUSTRY SALES

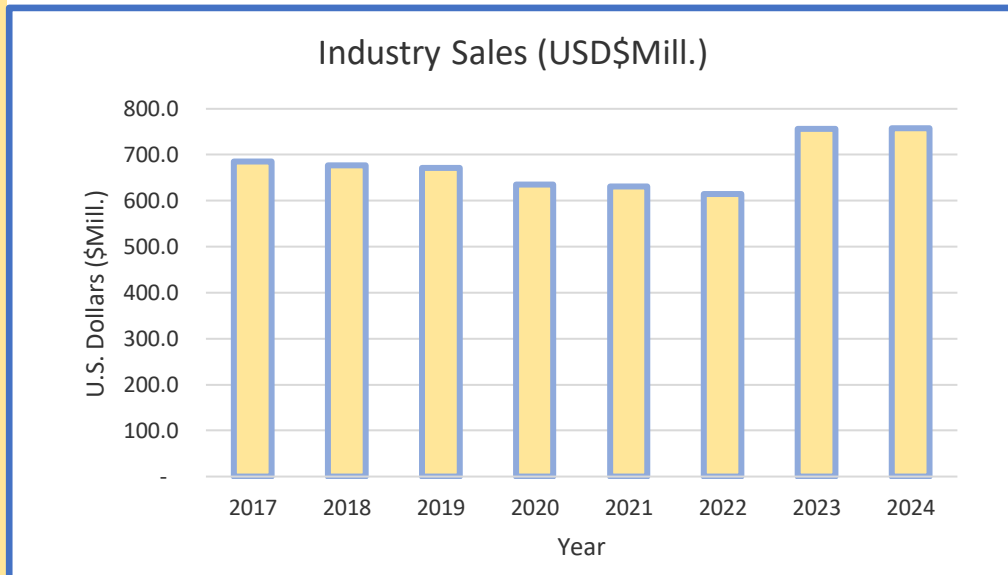
Year	Industry Sales (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	685.6		
2018	677.0	2017-2018	-1.3%
2019	671.7	2018-2019	-0.8%
2020	635.9	2019-2020	-5.3%
2021	631.6	2020-2021	-0.7%
2022	614.7	2021-2022	-2.7%
2023	756.4	2022-2023	23.1%
2024	757.1	2023-2024	0.1%
2029	794.1	CAGR 2024-2029	4.9%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Canada

The Gasket, Packing, And Sealing Device Manufacturing Industry is forecast to be \$756.4 million dollars in 2023 and to change by 23.1 percent from 2022 to 2023 in Canada.

The industry will be \$757.1 million dollars in 2024 and is forecast to change by 0.1 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## VALUE ADDED

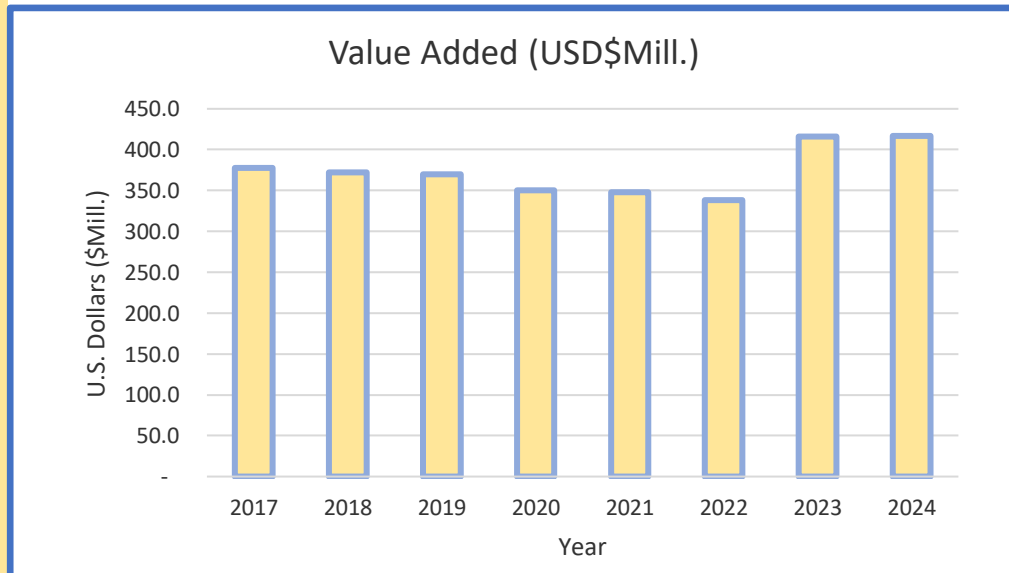
Year	Value Added (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	377.3		
2018	372.6	2017-2018	-1.3%
2019	369.7	2018-2019	-0.8%
2020	349.9	2019-2020	-5.3%
2021	347.6	2020-2021	-0.7%
2022	338.3	2021-2022	-2.7%
2023	416.3	2022-2023	23.1%
2024	416.6	2023-2024	0.1%
2029	437.0	CAGR 2024-2029	4.9%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Canada

The Gasket, Packing, And Sealing Device Manufacturing Industry value added will be \$756.4 million dollars in 2023 and to change by 23.1 percent from 2022 to 2023 in Canada.

The value added will be \$757.1 million dollars in 2024 and is forecast to change by 0.1 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## INTERMEDIATE INPUTS

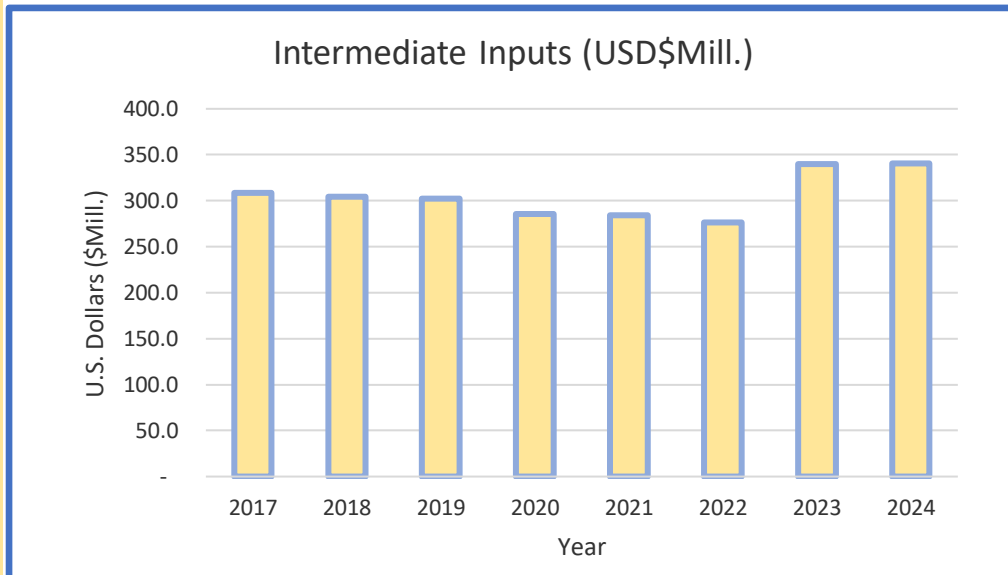
Year	Intermediate Inputs (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	308.3		
2018	304.4	2017-2018	-1.3%
2019	302.1	2018-2019	-0.8%
2020	285.9	2019-2020	-5.3%
2021	284.0	2020-2021	-0.7%
2022	276.4	2021-2022	-2.7%
2023	340.1	2022-2023	23.1%
2024	340.4	2023-2024	0.1%
2029	357.1	CAGR 2024-2029	4.9%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Canada

The Gasket, Packing, And Sealing Device Manufacturing Industry intermediate inputs will be \$756.4 million dollars in 2023 and to change by 23.1 percent from 2022 to 2023 in Canada.

The intermediate inputs will be \$757.1 million dollars in 2024 and is forecast to change by 0.1 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## GROSS OPERATING SURPLUS

Gross Operating Surplus (USD\$Mill.)			
Year	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	166.7		
2018	164.6	2017-2018	-1.3%
2019	163.3	2018-2019	-0.8%
2020	154.6	2019-2020	-5.3%
2021	153.6	2020-2021	-0.7%
2022	149.4	2021-2022	-2.7%
2023	183.9	2022-2023	23.1%
2024	184.1	2023-2024	0.1%
2029	193.1	CAGR 2024-2029	4.9%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Canada

The Gasket, Packing, And Sealing Device Manufacturing Industry gross operating surplus will be \$756.4 million dollars in 2023 and to change by 23.1 percent from 2022 to 2023 in Canada.

The gross operating surplus will be \$757.1 million dollars in 2024 and is forecast to change by 0.1 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## INDUSTRY SALES

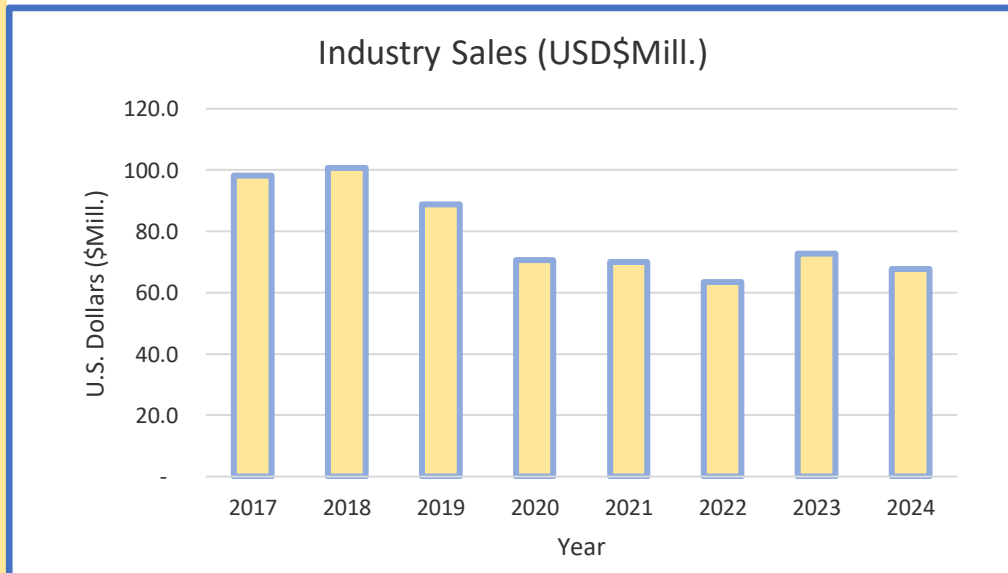
Year	Industry Sales (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	98.1		
2018	100.7	2017-2018	2.6%
2019	88.8	2018-2019	-11.8%
2020	70.7	2019-2020	-20.4%
2021	70.1	2020-2021	-0.9%
2022	63.5	2021-2022	-9.4%
2023	72.8	2022-2023	14.6%
2024	67.8	2023-2024	-6.9%
2029	50.4	CAGR 2024-2029	-25.6%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Chile

The Gasket, Packing, And Sealing Device Manufacturing Industry is forecast to be \$72.8 million dollars in 2023 and to change by 14.6 percent from 2022 to 2023 in Chile.

The industry will be \$67.8 million dollars in 2024 and is forecast to change by -6.9 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## VALUE ADDED

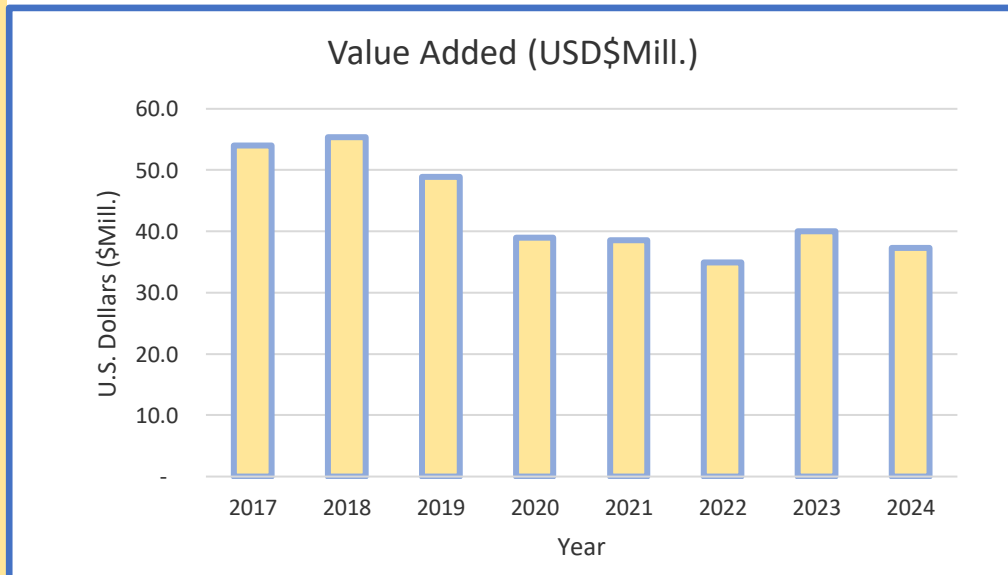
Year	Value Added (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	54.0		
2018	55.4	2017-2018	2.6%
2019	48.9	2018-2019	-11.8%
2020	38.9	2019-2020	-20.4%
2021	38.6	2020-2021	-0.9%
2022	34.9	2021-2022	-9.4%
2023	40.0	2022-2023	14.6%
2024	37.3	2023-2024	-6.9%
2029	27.7	CAGR 2024-2029	-25.6%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Chile

The Gasket, Packing, And Sealing Device Manufacturing Industry value added will be \$72.8 million dollars in 2023 and to change by 14.6 percent from 2022 to 2023 in Chile.

The value added will be \$67.8 million dollars in 2024 and is forecast to change by -6.9 percent from 2023 to 2024.



Source: Wharry Sharpe Research



# Gasket, Packing, And Sealing Device Manufacturing Industry

## INTERMEDIATE INPUTS

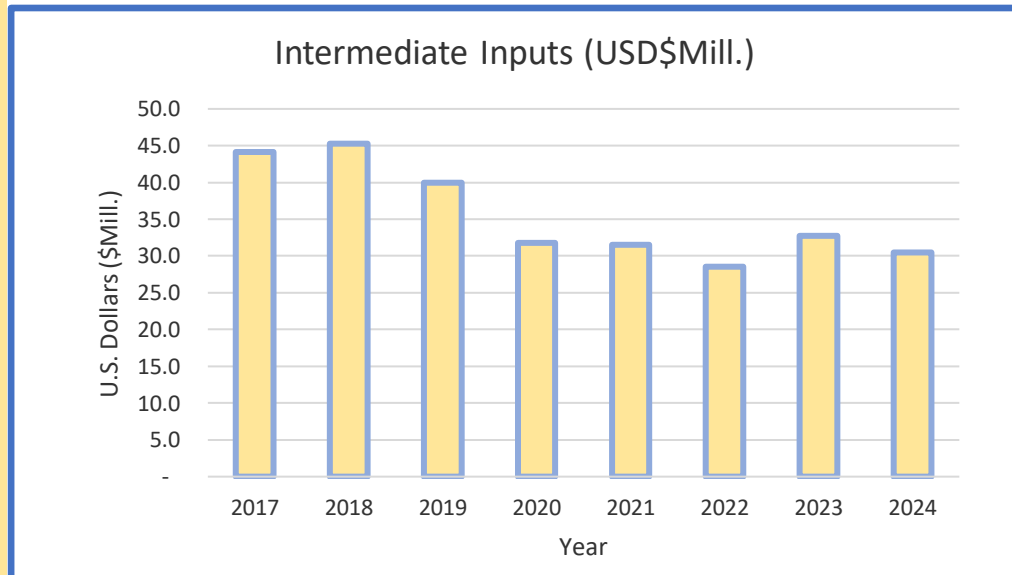
Intermediate Inputs (USD\$Mill.)			
Year	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	44.1		
2018	45.3	2017-2018	2.6%
2019	39.9	2018-2019	-11.8%
2020	31.8	2019-2020	-20.4%
2021	31.5	2020-2021	-0.9%
2022	28.5	2021-2022	-9.4%
2023	32.7	2022-2023	14.6%
2024	30.5	2023-2024	-6.9%
2029	22.7	CAGR 2024-2029	-25.6%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Chile

The Gasket, Packing, And Sealing Device Manufacturing Industry intermediate inputs will be \$72.8 million dollars in 2023 and to change by 14.6 percent from 2022 to 2023 in Chile.

The intermediate inputs will be \$67.8 million dollars in 2024 and is forecast to change by -6.9 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## GROSS OPERATING SURPLUS

Gross Operating Surplus (USD\$Mill.)			
Year	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	23.9		
2018	24.5	2017-2018	2.6%
2019	21.6	2018-2019	-11.8%
2020	17.2	2019-2020	-20.4%
2021	17.0	2020-2021	-0.9%
2022	15.4	2021-2022	-9.4%
2023	17.7	2022-2023	14.6%
2024	16.5	2023-2024	-6.9%
2029	12.3	CAGR 2024-2029	-25.6%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Chile

The Gasket, Packing, And Sealing Device Manufacturing Industry gross operating surplus will be \$21.6 million dollars in 2019 and to change by -11.8 percent from 2018 to 2019 in Chile.

The gross operating surplus will be \$16.5 million dollars in 2024 and is forecast to change by -6.9 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## INDUSTRY SALES

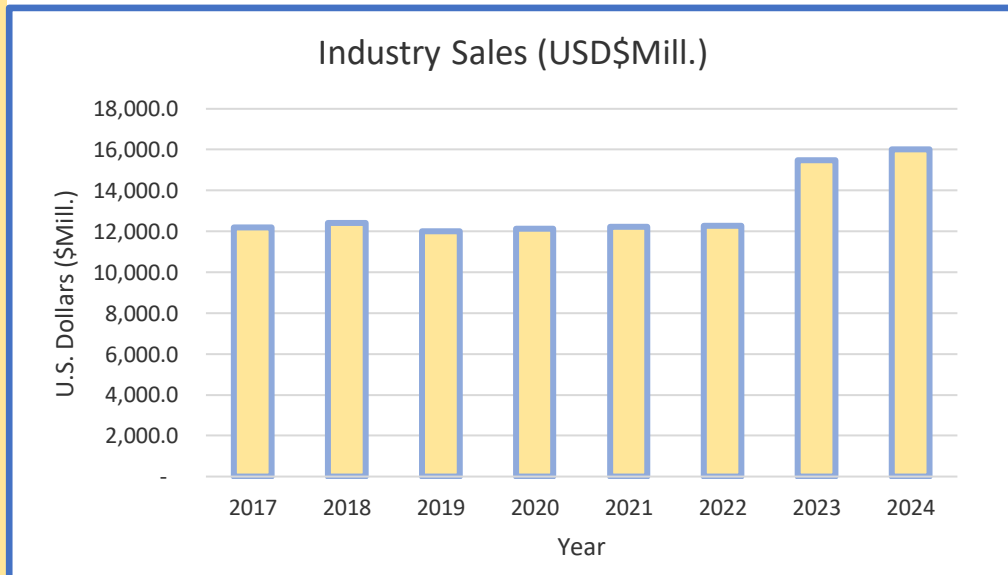
Year	Industry Sales (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	12,187.2		
2018	12,406.2	2017-2018	1.8%
2019	11,990.0	2018-2019	-3.4%
2020	12,130.4	2019-2020	1.2%
2021	12,217.5	2020-2021	0.7%
2022	12,274.3	2021-2022	0.5%
2023	15,497.0	2022-2023	26.3%
2024	16,000.3	2023-2024	3.2%
2029	17,835.1	CAGR 2024-2029	11.5%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

China

The Gasket, Packing, And Sealing Device Manufacturing Industry is forecast to be \$15,497.0 million dollars in 2023 and to change by 26.3 percent from 2022 to 2023 in China.

The industry will be \$16,000.3 million dollars in 2024 and is forecast to change by 3.2 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## VALUE ADDED

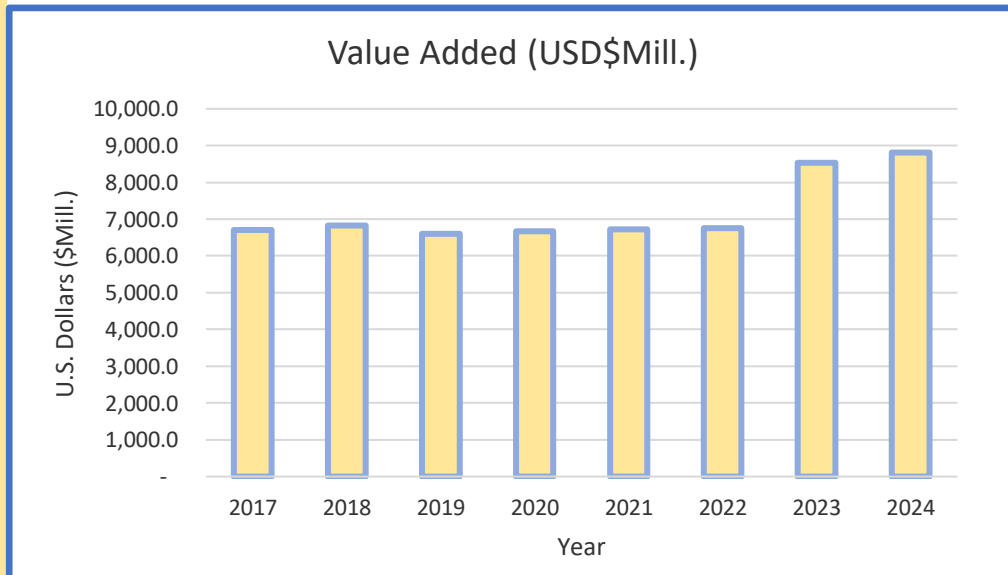
Year	Value Added (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	6,707.0		
2018	6,827.6	2017-2018	1.8%
2019	6,598.5	2018-2019	-3.4%
2020	6,675.8	2019-2020	1.2%
2021	6,723.7	2020-2021	0.7%
2022	6,755.0	2021-2022	0.5%
2023	8,528.6	2022-2023	26.3%
2024	8,805.6	2023-2024	3.2%
2029	9,815.3	CAGR 2024-2029	11.5%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

China

The Gasket, Packing, And Sealing Device Manufacturing Industry value added will be \$15,497.0 million dollars in 2023 and to change by 26.3 percent from 2022 to 2023 in China.

The value added will be \$16,000.3 million dollars in 2024 and is forecast to change by 3.2 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## INTERMEDIATE INPUTS

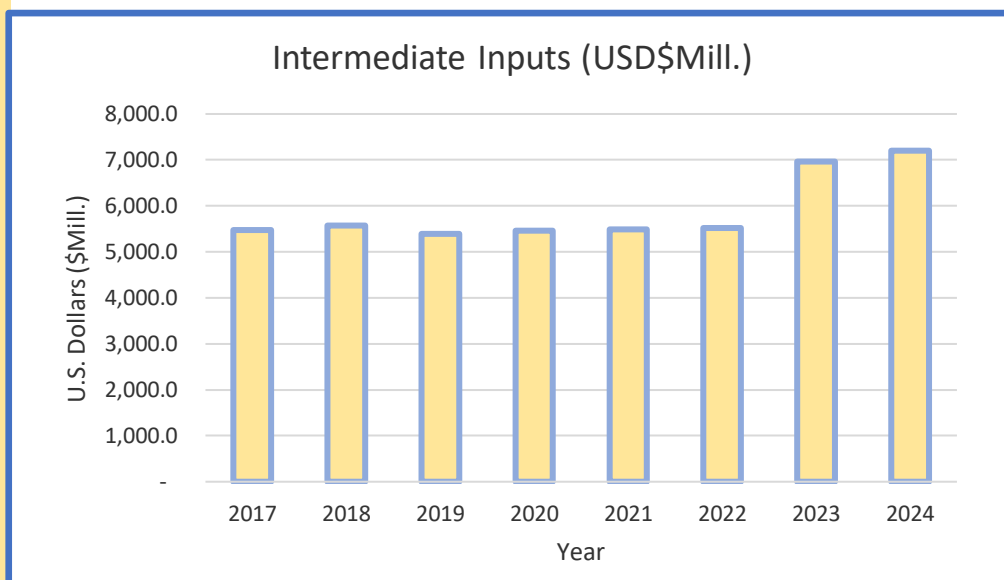
Intermediate Inputs (USD\$Mill.)			
Year	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	5,480.1		
2018	5,578.6	2017-2018	1.8%
2019	5,391.5	2018-2019	-3.4%
2020	5,454.6	2019-2020	1.2%
2021	5,493.8	2020-2021	0.7%
2022	5,519.3	2021-2022	0.5%
2023	6,968.5	2022-2023	26.3%
2024	7,194.8	2023-2024	3.2%
2029	8,019.8	CAGR 2024-2029	11.5%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

China

The Gasket, Packing, And Sealing Device Manufacturing Industry intermediate inputs will be \$15,497.0 million dollars in 2023 and to change by 26.3 percent from 2022 to 2023 in China.

The intermediate inputs will be \$16,000.3 million dollars in 2024 and is forecast to change by 3.2 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## GROSS OPERATING SURPLUS

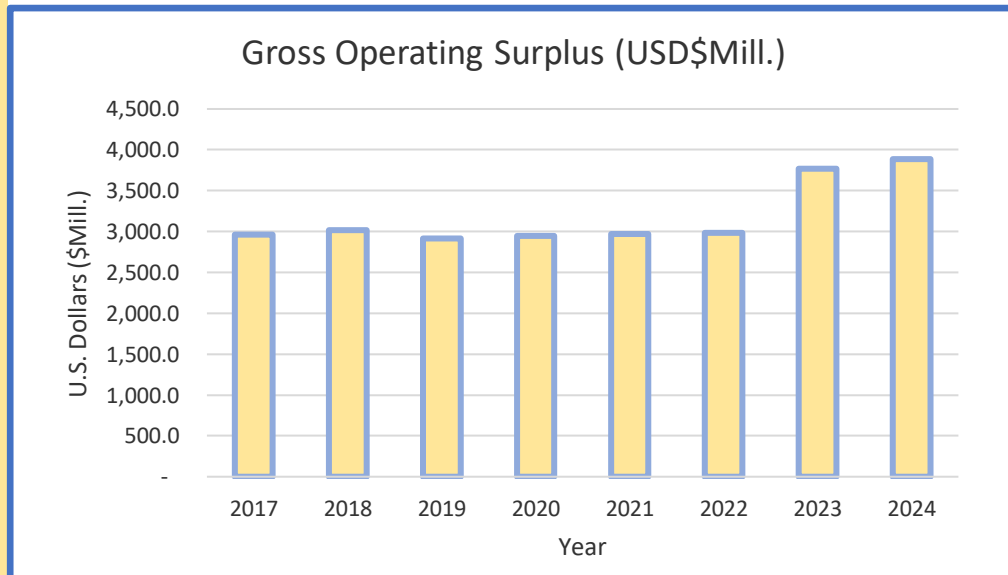
Gross Operating Surplus (USD\$Mill.)			
Year	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	2,963.1		
2018	3,016.3	2017-2018	1.8%
2019	2,915.1	2018-2019	-3.4%
2020	2,949.3	2019-2020	1.2%
2021	2,970.4	2020-2021	0.7%
2022	2,984.2	2021-2022	0.5%
2023	3,767.8	2022-2023	26.3%
2024	3,890.2	2023-2024	3.2%
2029	4,336.2	CAGR 2024-2029	11.5%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

China

The Gasket, Packing, And Sealing Device Manufacturing Industry gross operating surplus will be \$15,497.0 million dollars in 2023 and to change by 26.3 percent from 2022 to 2023 in China.

The gross operating surplus will be \$16,000.3 million dollars in 2024 and is forecast to change by 3.2 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## INDUSTRY SALES

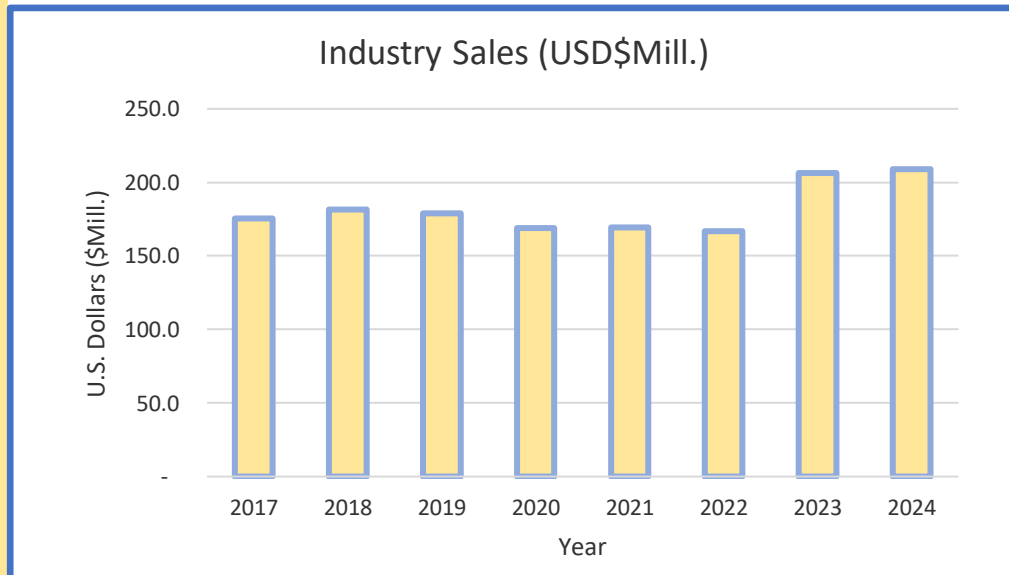
Year	Industry Sales (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	175.5		
2018	181.3	2017-2018	3.3%
2019	179.1	2018-2019	-1.2%
2020	168.9	2019-2020	-5.7%
2021	169.4	2020-2021	0.3%
2022	166.8	2021-2022	-1.5%
2023	206.5	2022-2023	23.8%
2024	209.0	2023-2024	1.2%
2029	211.7	CAGR 2024-2029	1.3%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

The Gasket, Packing, And Sealing Device Manufacturing Industry is forecast to be \$206.5 million dollars in 2023 and to change by 23.8 percent from 2022 to 2023 in Czech Republic.

The industry will be \$209.0 million dollars in 2024 and is forecast to change by 1.2 percent from 2023 to 2024.

Czech Republic



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## VALUE ADDED

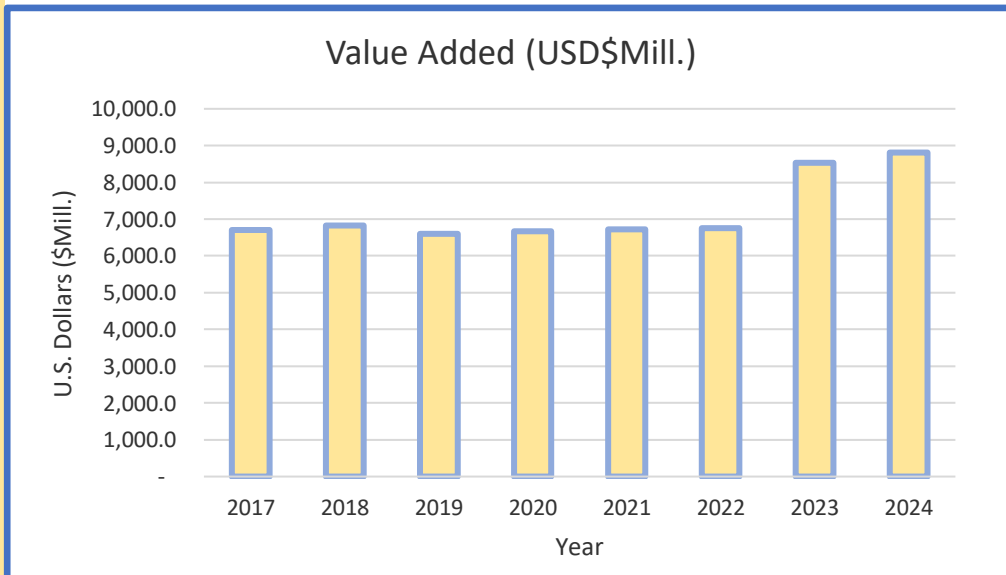
Year	Value Added (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	96.6		
2018	99.8	2017-2018	3.3%
2019	98.6	2018-2019	-1.2%
2020	92.9	2019-2020	-5.7%
2021	93.2	2020-2021	0.3%
2022	91.8	2021-2022	-1.5%
2023	113.6	2022-2023	23.8%
2024	115.0	2023-2024	1.2%
2029	116.5	CAGR 2024-2029	1.3%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

The Gasket, Packing, And Sealing Device Manufacturing Industry value added will be \$206.5 million dollars in 2023 and to change by 23.8 percent from 2022 to 2023 in Czech Republic.

The value added will be \$209.0 million dollars in 2024 and is forecast to change by 1.2 percent from 2023 to 2024.

Czech Republic



Source: Wharry Sharpe Research



# Gasket, Packing, And Sealing Device Manufacturing Industry

## INTERMEDIATE INPUTS

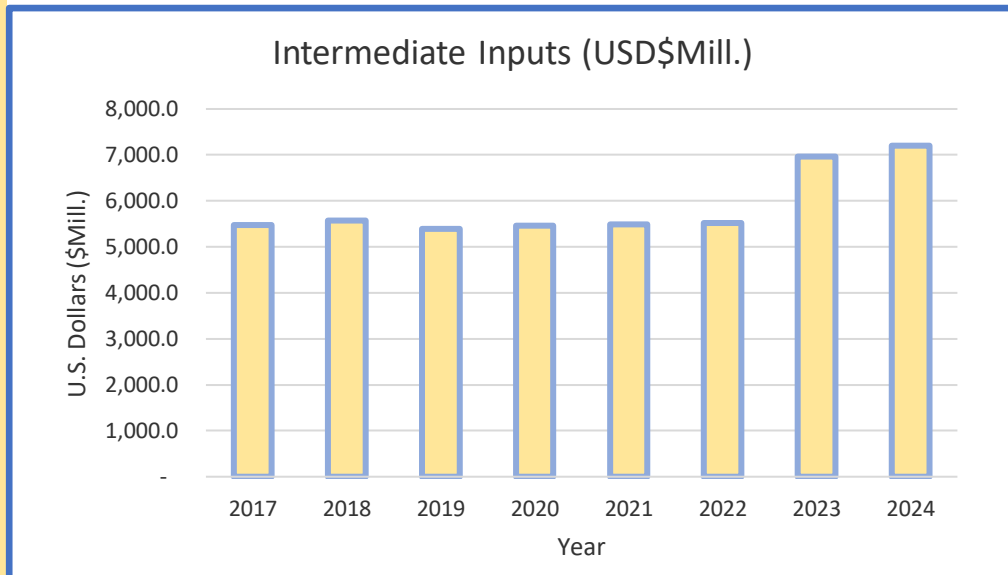
Year	Intermediate Inputs (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	78.9		
2018	81.5	2017-2018	3.3%
2019	80.5	2018-2019	-1.2%
2020	75.9	2019-2020	-5.7%
2021	76.2	2020-2021	0.3%
2022	75.0	2021-2022	-1.5%
2023	92.9	2022-2023	23.8%
2024	94.0	2023-2024	1.2%
2029	95.2	CAGR 2024-2029	1.3%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

The Gasket, Packing, And Sealing Device Manufacturing Industry intermediate inputs will be \$206.5 million dollars in 2023 and to change by 23.8 percent from 2022 to 2023 in Czech Republic.

The intermediate inputs will be \$209.0 million dollars in 2024 and is forecast to change by 1.2 percent from 2023 to 2024.

Czech Republic



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

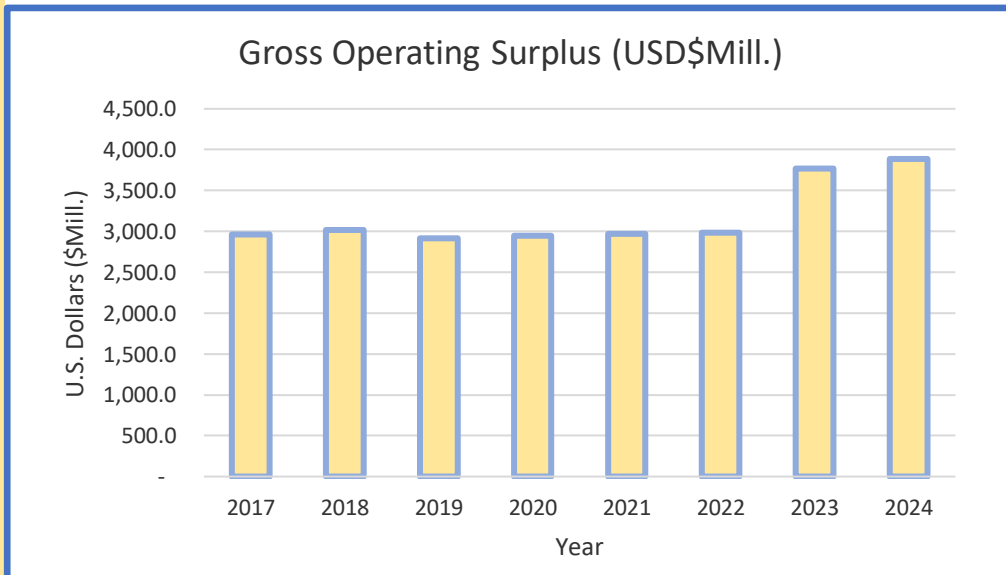
## GROSS OPERATING SURPLUS

Gross Operating Surplus (USD\$Mill.)			
Year	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	42.7		
2018	44.1	2017-2018	3.3%
2019	43.5	2018-2019	-1.2%
2020	41.1	2019-2020	-5.7%
2021	41.2	2020-2021	0.3%
2022	40.6	2021-2022	-1.5%
2023	50.2	2022-2023	23.8%
2024	50.8	2023-2024	1.2%
2029	51.5	CAGR 2024-2029	1.3%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

The Gasket, Packing, And Sealing Device Manufacturing Industry gross operating surplus will be \$206.5 million dollars in 2023 and to change by 23.8 percent from 2022 to 2023 in Czech Republic. The gross operating surplus will be \$209.0 million dollars in 2024 and is forecast to change by 1.2 percent from 2023 to 2024.

Czech Republic



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

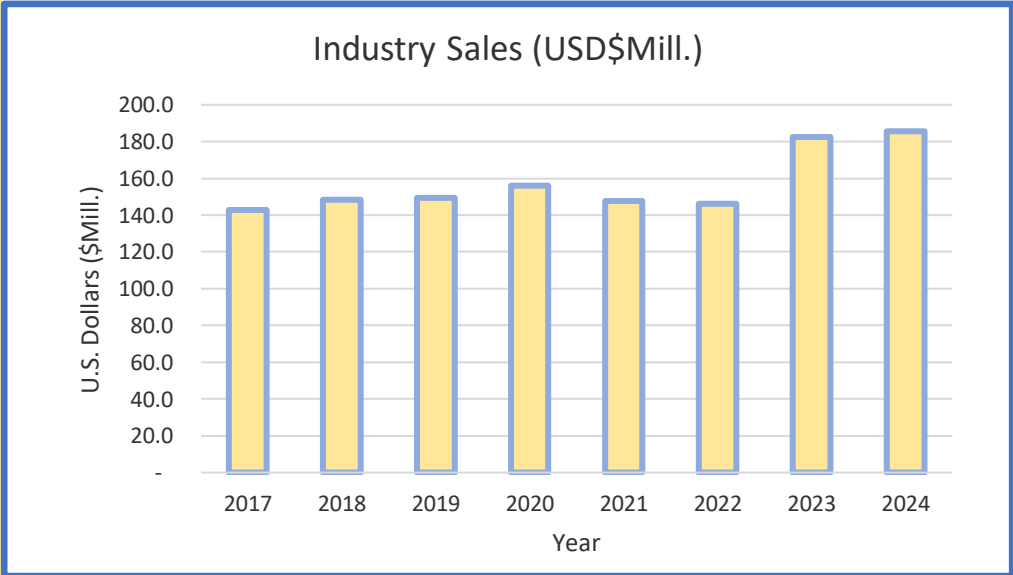
Denmark

## INDUSTRY SALES

Year	Industry Sales (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	142.8		
2018	148.3	2017-2018	3.9%
2019	149.4	2018-2019	0.7%
2020	156.1	2019-2020	4.5%
2021	147.7	2020-2021	-5.4%
2022	146.2	2021-2022	-1.0%
2023	182.4	2022-2023	24.8%
2024	185.6	2023-2024	1.8%
2029	203.2	CAGR 2024-2029	9.5%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

The Gasket, Packing, And Sealing Device Manufacturing Industry is forecast to be \$182.4 million dollars in 2023 and to change by 24.8 percent from 2022 to 2023 in Denmark. The industry will be \$185.6 million dollars in 2024 and is forecast to change by 1.8 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

Denmark

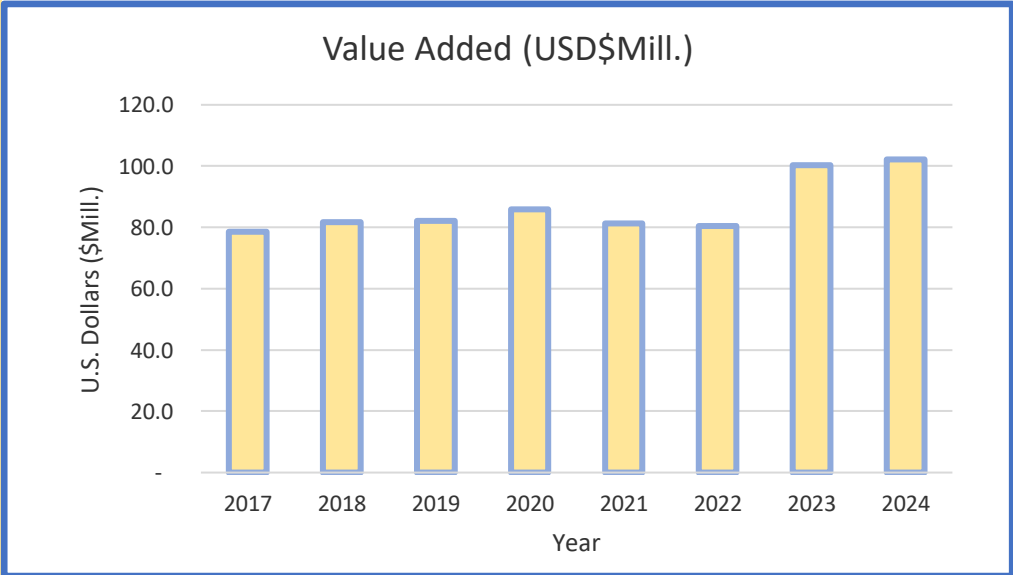
## VALUE ADDED

Year	Value Added (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	78.6		
2018	81.6	2017-2018	3.9%
2019	82.2	2018-2019	0.7%
2020	85.9	2019-2020	4.5%
2021	81.3	2020-2021	-5.4%
2022	80.5	2021-2022	-1.0%
2023	100.4	2022-2023	24.8%
2024	102.2	2023-2024	1.8%
2029	111.8	CAGR 2024-2029	9.5%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

The Gasket, Packing, And Sealing Device Manufacturing Industry value added will be \$182.4 million dollars in 2023 and to change by 24.8 percent from 2022 to 2023 in Denmark.

The value added will be \$185.6 million dollars in 2024 and is forecast to change by 1.8 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## INTERMEDIATE INPUTS

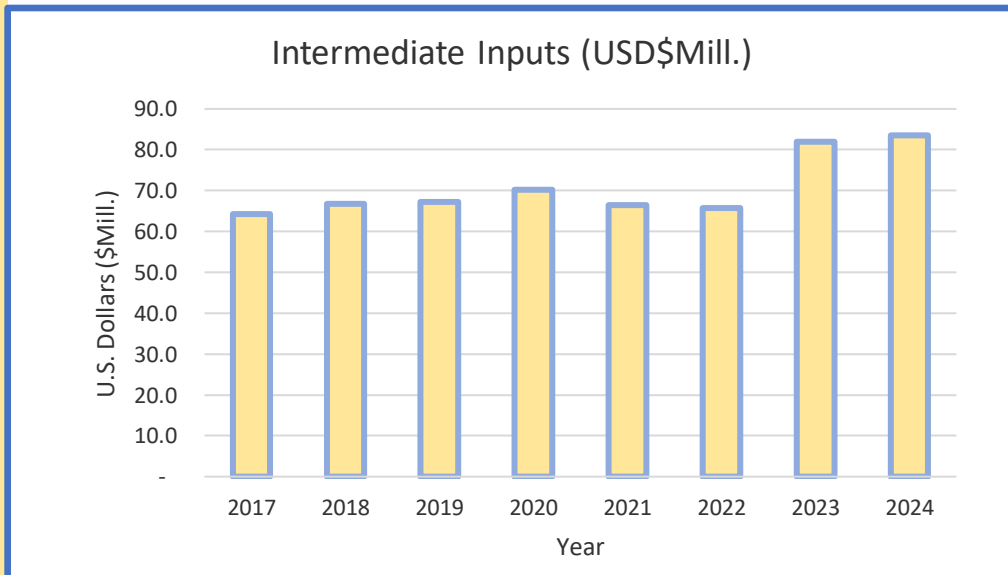
Year	Intermediate Inputs (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	64.2		
2018	66.7	2017-2018	3.9%
2019	67.2	2018-2019	0.7%
2020	70.2	2019-2020	4.5%
2021	66.4	2020-2021	-5.4%
2022	65.7	2021-2022	-1.0%
2023	82.0	2022-2023	24.8%
2024	83.5	2023-2024	1.8%
2029	91.4	CAGR 2024-2029	9.5%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

The Gasket, Packing, And Sealing Device Manufacturing Industry intermediate inputs will be \$182.4 million dollars in 2023 and to change by 24.8 percent from 2022 to 2023 in Denmark.

The intermediate inputs will be \$185.6 million dollars in 2024 and is forecast to change by 1.8 percent from 2023 to 2024.

Denmark



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## GROSS OPERATING SURPLUS

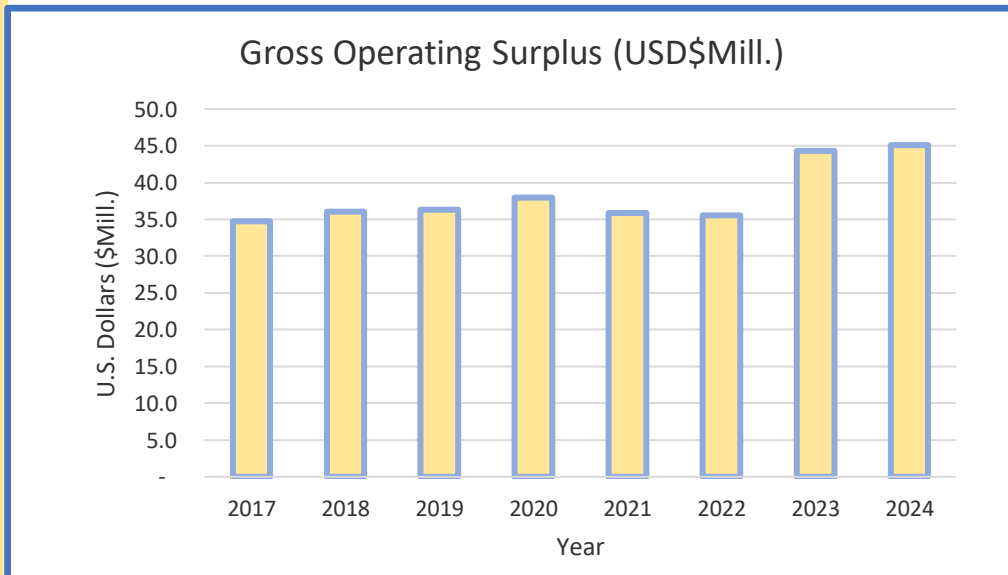
Gross Operating Surplus (USD\$Mill.)			
Year	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	34.7		
2018	36.1	2017-2018	3.9%
2019	36.3	2018-2019	0.7%
2020	38.0	2019-2020	4.5%
2021	35.9	2020-2021	-5.4%
2022	35.5	2021-2022	-1.0%
2023	44.4	2022-2023	24.8%
2024	45.1	2023-2024	1.8%
2029	49.4	CAGR 2024-2029	9.5%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

The Gasket, Packing, And Sealing Device Manufacturing Industry gross operating surplus will be \$182.4 million dollars in 2023 and to change by 24.8 percent from 2022 to 2023 in Denmark.

The gross operating surplus will be \$185.6 million dollars in 2024 and is forecast to change by 1.8 percent from 2023 to 2024.

Denmark



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

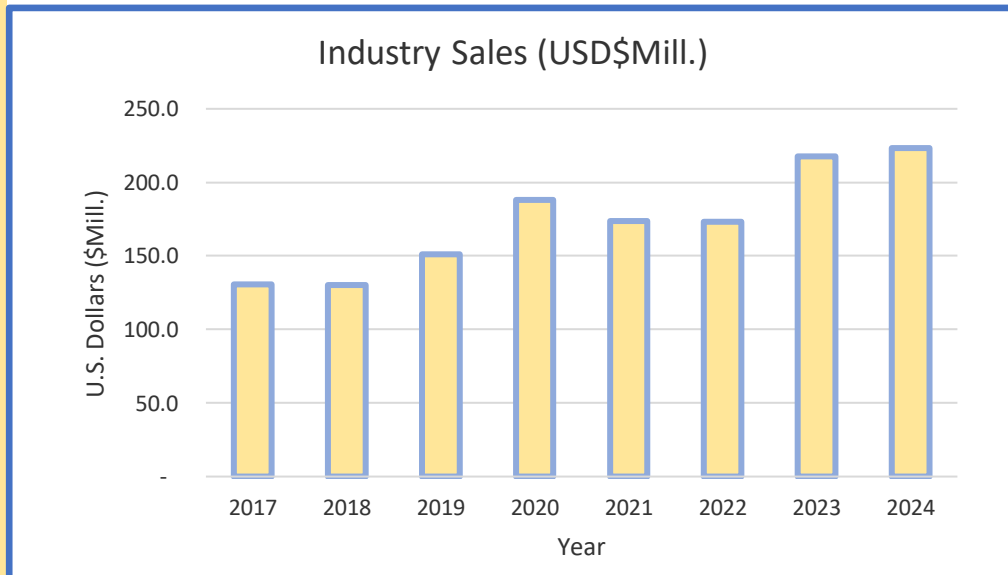
## INDUSTRY SALES

Year	Industry Sales (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	130.8		
2018	130.3	2017-2018	-0.4%
2019	151.2	2018-2019	16.1%
2020	188.0	2019-2020	24.3%
2021	173.7	2020-2021	-7.6%
2022	173.2	2021-2022	-0.3%
2023	217.6	2022-2023	25.6%
2024	223.1	2023-2024	2.5%
2029	247.0	CAGR 2024-2029	10.7%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Egypt

The Gasket, Packing, And Sealing Device Manufacturing Industry is forecast to be \$217.6 million dollars in 2023 and to change by 25.6 percent from 2022 to 2023 in Egypt. The industry will be \$223.1 million dollars in 2024 and is forecast to change by 2.5 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## VALUE ADDED

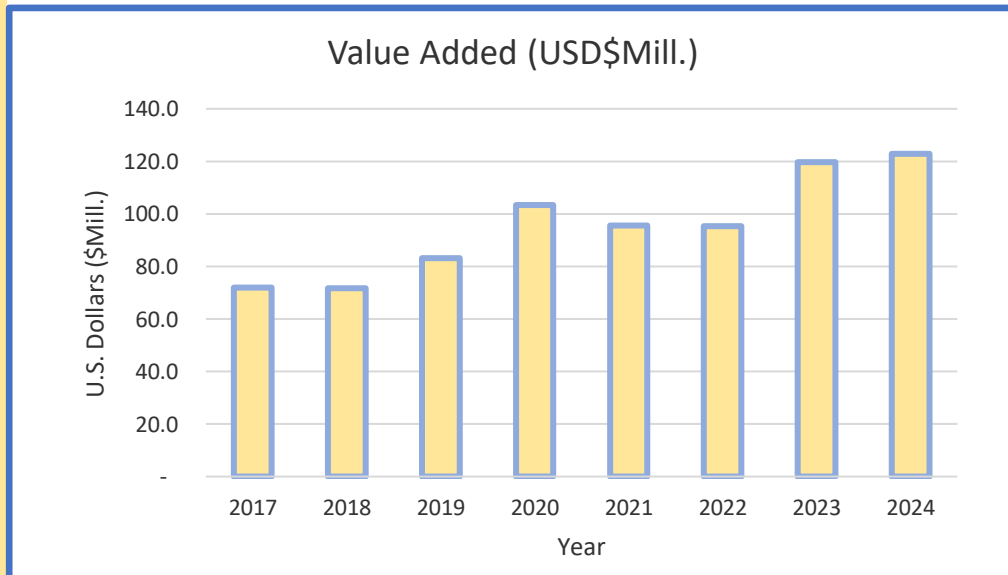
Year	Value Added (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	72.0		
2018	71.7	2017-2018	-0.4%
2019	83.2	2018-2019	16.1%
2020	103.4	2019-2020	24.3%
2021	95.6	2020-2021	-7.6%
2022	95.3	2021-2022	-0.3%
2023	119.8	2022-2023	25.6%
2024	122.8	2023-2024	2.5%
2029	135.9	CAGR 2024-2029	10.7%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Egypt

The Gasket, Packing, And Sealing Device Manufacturing Industry value added will be \$217.6 million dollars in 2023 and to change by 25.6 percent from 2022 to 2023 in Egypt.

The value added will be \$223.1 million dollars in 2024 and is forecast to change by 2.5 percent from 2023 to 2024.



Source: Wharry Sharpe Research



# Gasket, Packing, And Sealing Device Manufacturing Industry

## INTERMEDIATE INPUTS

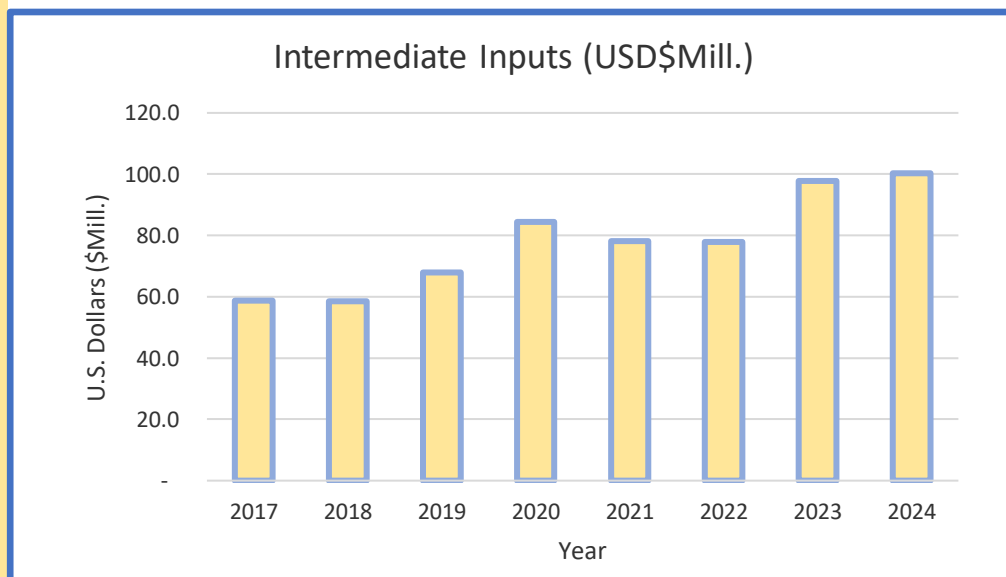
Year	Intermediate Inputs (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	58.8		
2018	58.6	2017-2018	-0.4%
2019	68.0	2018-2019	16.1%
2020	84.5	2019-2020	24.3%
2021	78.1	2020-2021	-7.6%
2022	77.9	2021-2022	-0.3%
2023	97.9	2022-2023	25.6%
2024	100.3	2023-2024	2.5%
2029	111.1	CAGR 2024-2029	10.7%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Egypt

The Gasket, Packing, And Sealing Device Manufacturing Industry intermediate inputs will be \$217.6 million dollars in 2023 and to change by 25.6 percent from 2022 to 2023 in Egypt.

The intermediate inputs will be \$223.1 million dollars in 2024 and is forecast to change by 2.5 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## GROSS OPERATING SURPLUS

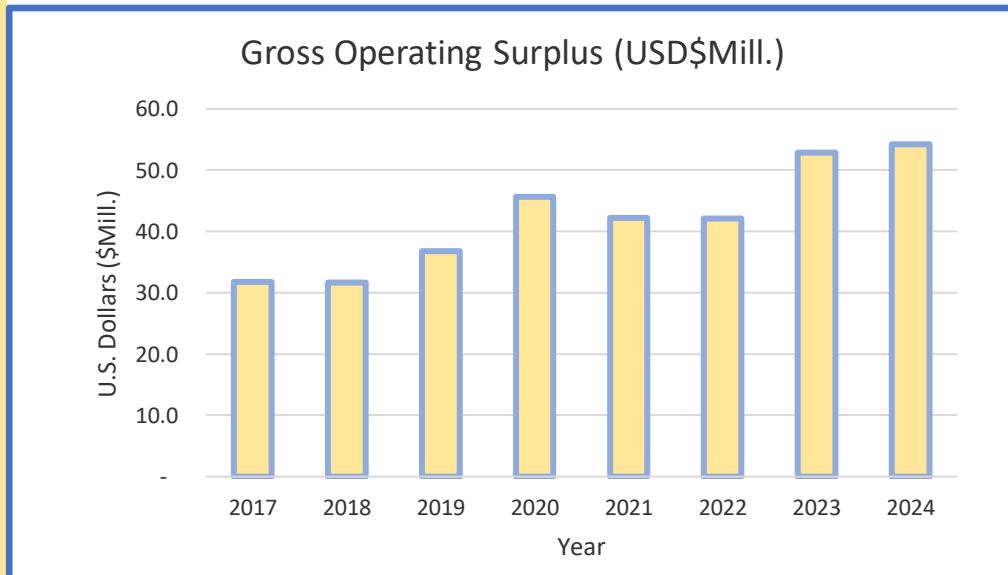
Gross Operating Surplus (USD\$Mill.)			
Year	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	31.8		
2018	31.7	2017-2018	-0.4%
2019	36.8	2018-2019	16.1%
2020	45.7	2019-2020	24.3%
2021	42.2	2020-2021	-7.6%
2022	42.1	2021-2022	-0.3%
2023	52.9	2022-2023	25.6%
2024	54.2	2023-2024	2.5%
2029	60.1	CAGR 2024-2029	10.7%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Egypt

The Gasket, Packing, And Sealing Device Manufacturing Industry gross operating surplus will be \$217.6 million dollars in 2023 and to change by 25.6 percent from 2022 to 2023 in Egypt.

The gross operating surplus will be \$223.1 million dollars in 2024 and is forecast to change by 2.5 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## INDUSTRY SALES

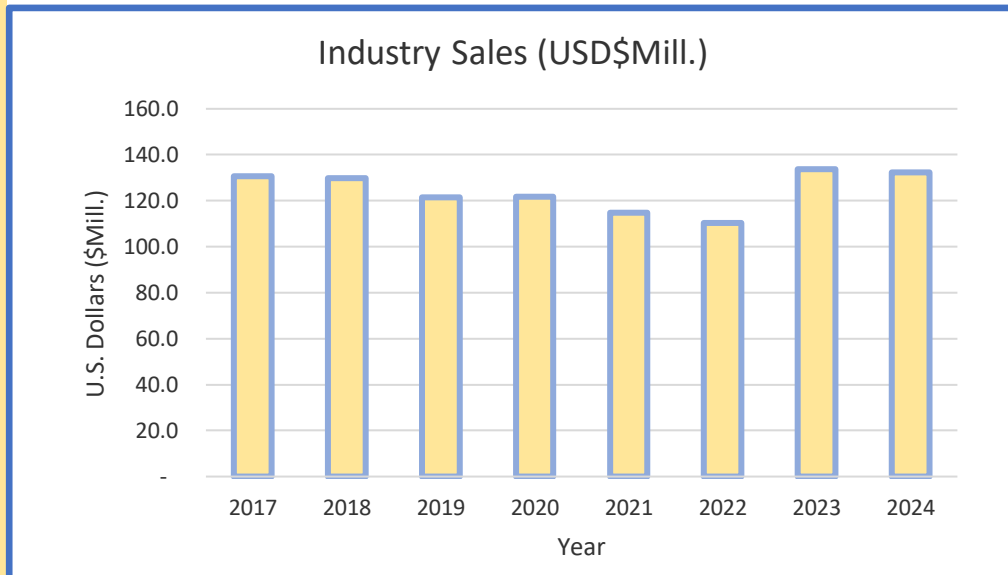
Year	Industry Sales (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	130.7		
2018	129.9	2017-2018	-0.6%
2019	121.6	2018-2019	-6.5%
2020	121.8	2019-2020	0.2%
2021	114.7	2020-2021	-5.8%
2022	110.3	2021-2022	-3.8%
2023	133.9	2022-2023	21.3%
2024	132.4	2023-2024	-1.1%
2029	124.7	CAGR 2024-2029	-5.8%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Finland

The Gasket, Packing, And Sealing Device Manufacturing Industry is forecast to be \$133.9 million dollars in 2023 and to change by 21.3 percent from 2022 to 2023 in Finland.

The industry will be \$132.4 million dollars in 2024 and is forecast to change by -1.1 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## VALUE ADDED

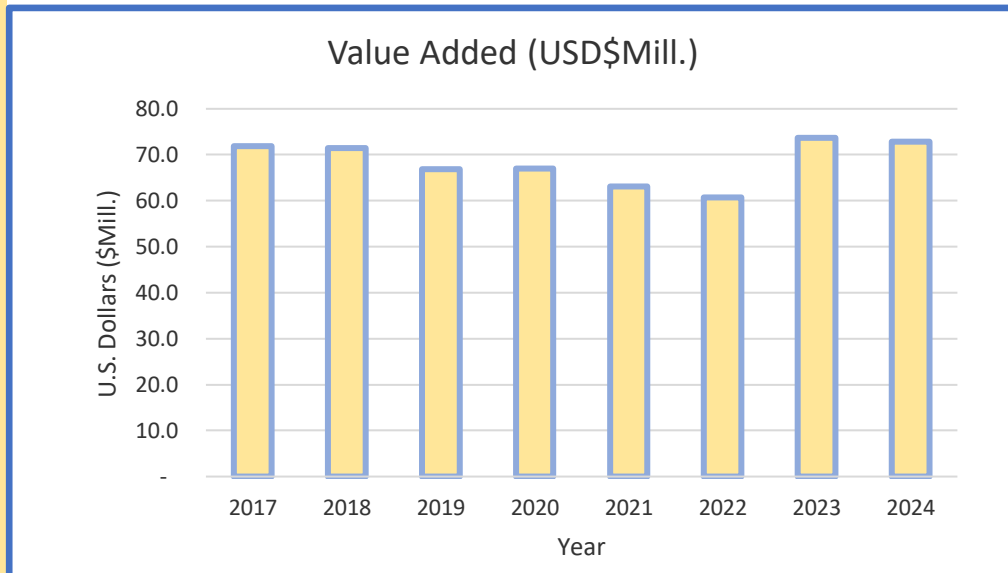
Year	Value Added (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	71.9		
2018	71.5	2017-2018	-0.6%
2019	66.9	2018-2019	-6.5%
2020	67.0	2019-2020	0.2%
2021	63.1	2020-2021	-5.8%
2022	60.7	2021-2022	-3.8%
2023	73.7	2022-2023	21.3%
2024	72.9	2023-2024	-1.1%
2029	68.6	CAGR 2024-2029	-5.8%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Finland

The Gasket, Packing, And Sealing Device Manufacturing Industry value added will be \$133.9 million dollars in 2023 and to change by 21.3 percent from 2022 to 2023 in Finland.

The value added will be \$132.4 million dollars in 2024 and is forecast to change by -1.1 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## INTERMEDIATE INPUTS

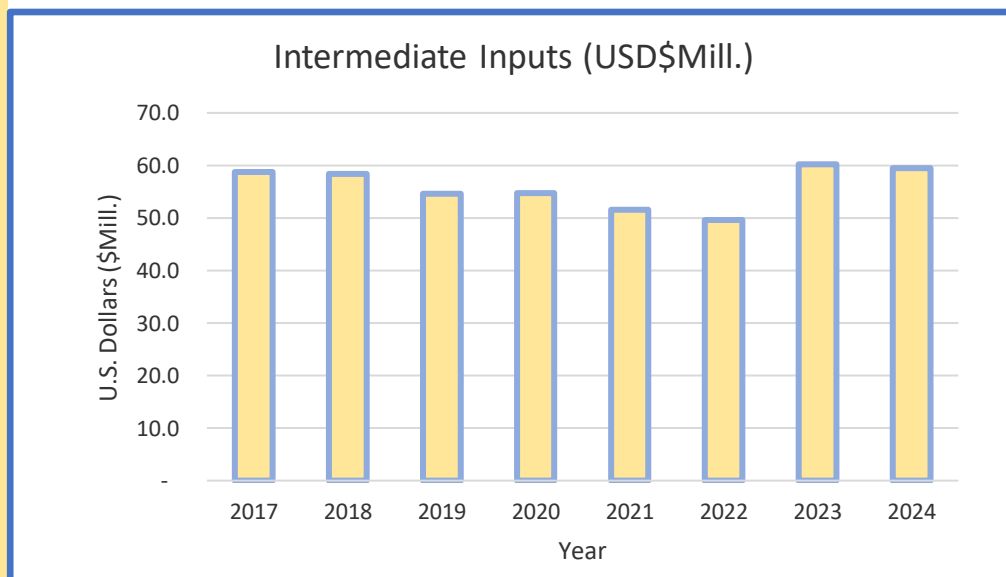
Year	Intermediate Inputs (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	58.8		
2018	58.4	2017-2018	-0.6%
2019	54.7	2018-2019	-6.5%
2020	54.8	2019-2020	0.2%
2021	51.6	2020-2021	-5.8%
2022	49.6	2021-2022	-3.8%
2023	60.2	2022-2023	21.3%
2024	59.5	2023-2024	-1.1%
2029	56.1	CAGR 2024-2029	-5.8%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Finland

The Gasket, Packing, And Sealing Device Manufacturing Industry intermediate inputs will be \$133.9 million dollars in 2023 and to change by 21.3 percent from 2022 to 2023 in Finland.

The intermediate inputs will be \$132.4 million dollars in 2024 and is forecast to change by -1.1 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## GROSS OPERATING SURPLUS

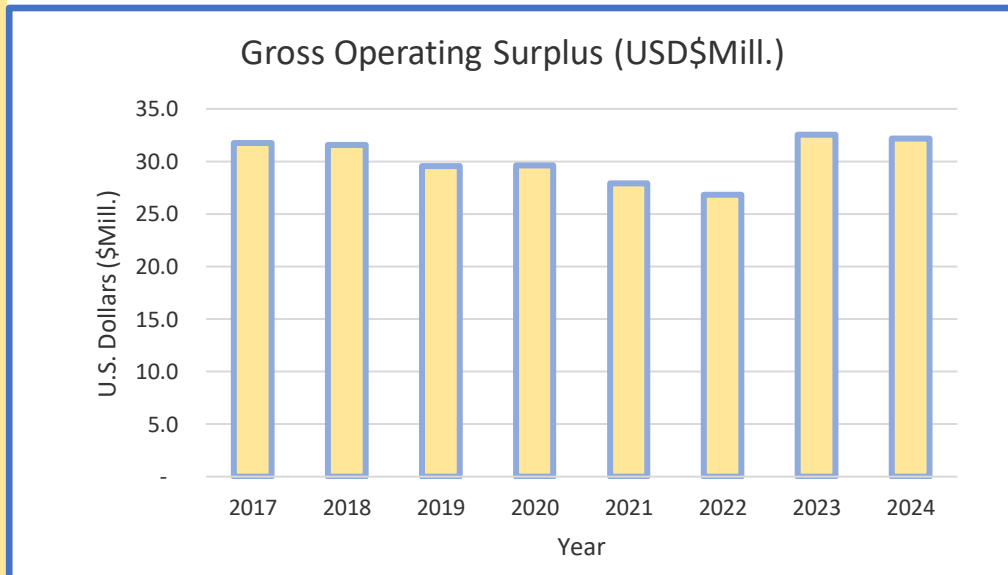
Gross Operating Surplus (USD\$Mill.)			
Year	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	31.8		
2018	31.6	2017-2018	-0.6%
2019	29.6	2018-2019	-6.5%
2020	29.6	2019-2020	0.2%
2021	27.9	2020-2021	-5.8%
2022	26.8	2021-2022	-3.8%
2023	32.5	2022-2023	21.3%
2024	32.2	2023-2024	-1.1%
2029	30.3	CAGR 2024-2029	-5.8%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Finland

The Gasket, Packing, And Sealing Device Manufacturing Industry gross operating surplus will be \$133.9 million dollars in 2023 and to change by 21.3 percent from 2022 to 2023 in Finland.

The gross operating surplus will be \$132.4 million dollars in 2024 and is forecast to change by -1.1 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## INDUSTRY SALES

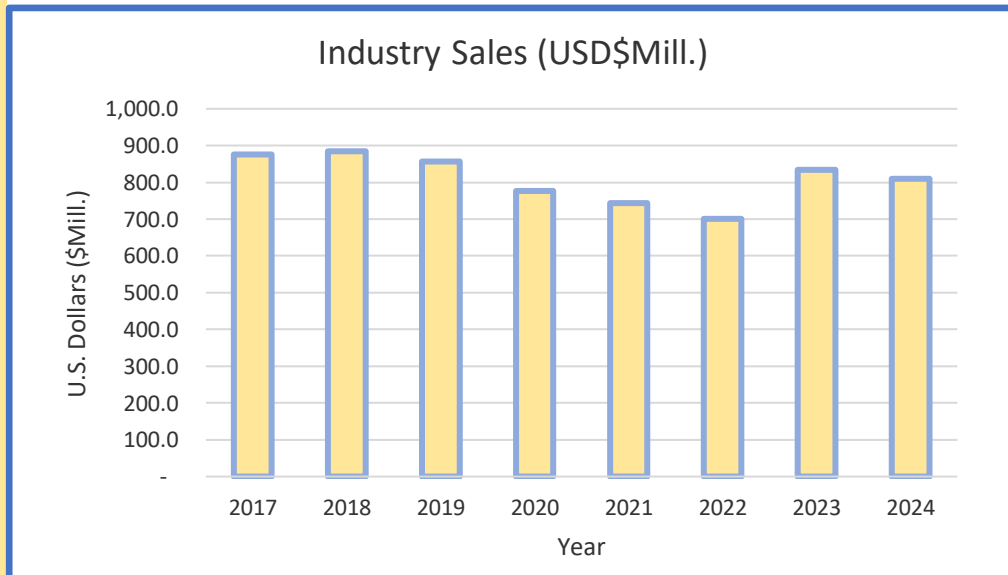
Year	Industry Sales (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	876.2		
2018	884.4	2017-2018	0.9%
2019	856.4	2018-2019	-3.2%
2020	776.2	2019-2020	-9.4%
2021	743.4	2020-2021	-4.2%
2022	700.8	2021-2022	-5.7%
2023	834.9	2022-2023	19.1%
2024	809.4	2023-2024	-3.1%
2029	715.6	CAGR 2024-2029	-11.6%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

France

The Gasket, Packing, And Sealing Device Manufacturing Industry is forecast to be \$834.9 million dollars in 2023 and to change by 19.1 percent from 2022 to 2023 in France.

The industry will be \$809.4 million dollars in 2024 and is forecast to change by -3.1 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## VALUE ADDED

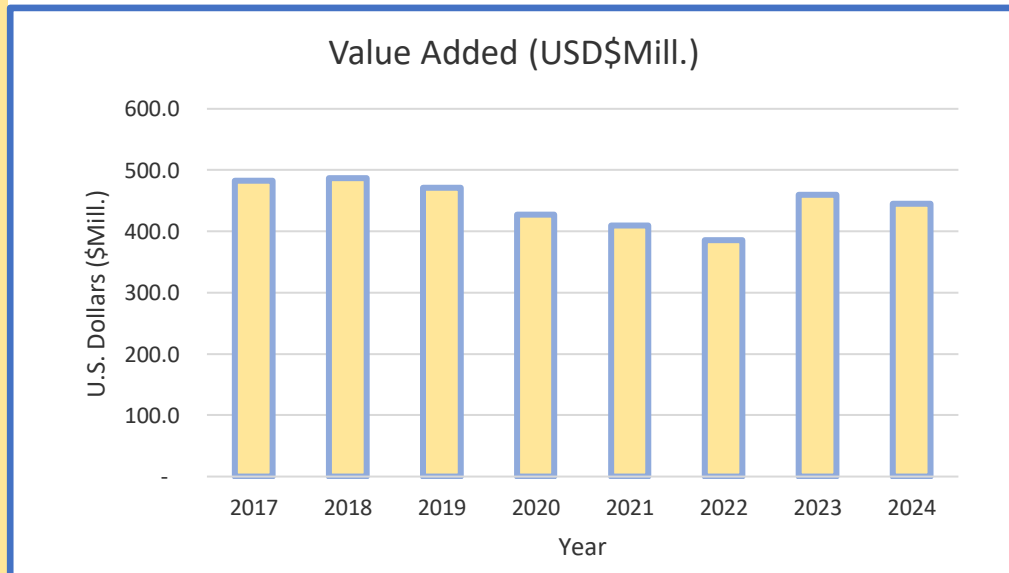
Year	Value Added (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	482.2		
2018	486.7	2017-2018	0.9%
2019	471.3	2018-2019	-3.2%
2020	427.1	2019-2020	-9.4%
2021	409.1	2020-2021	-4.2%
2022	385.7	2021-2022	-5.7%
2023	459.5	2022-2023	19.1%
2024	445.4	2023-2024	-3.1%
2029	393.8	CAGR 2024-2029	-11.6%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

France

The Gasket, Packing, And Sealing Device Manufacturing Industry value added will be \$834.9 million dollars in 2023 and to change by 19.1 percent from 2022 to 2023 in France.

The value added will be \$809.4 million dollars in 2024 and is forecast to change by -3.1 percent from 2023 to 2024.



Source: Wharry Sharpe Research



# Gasket, Packing, And Sealing Device Manufacturing Industry

## INTERMEDIATE INPUTS

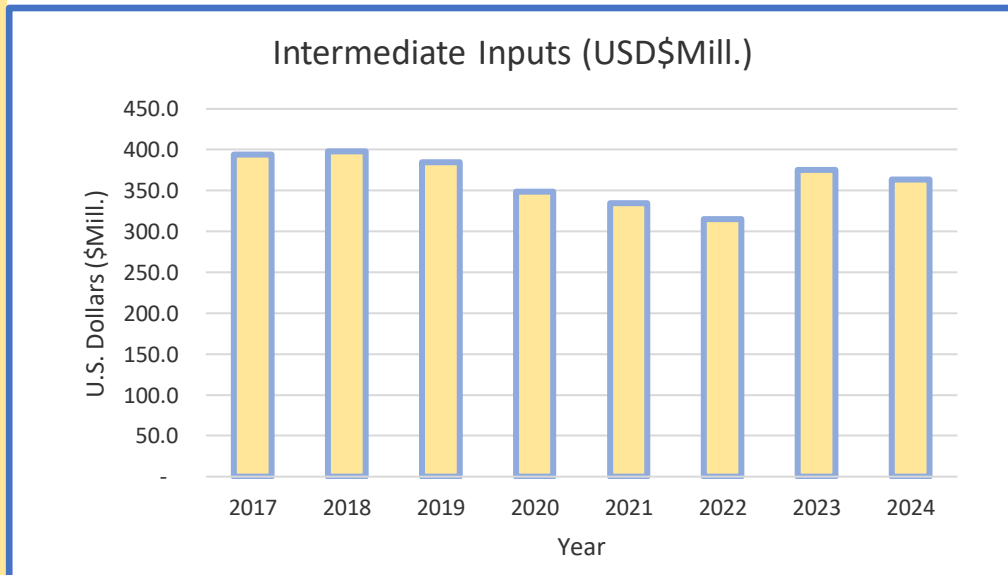
Intermediate Inputs (USD\$Mill.)			
Year	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	394.0		
2018	397.7	2017-2018	0.9%
2019	385.1	2018-2019	-3.2%
2020	349.0	2019-2020	-9.4%
2021	334.3	2020-2021	-4.2%
2022	315.1	2021-2022	-5.7%
2023	375.4	2022-2023	19.1%
2024	364.0	2023-2024	-3.1%
2029	321.8	CAGR 2024-2029	-11.6%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

France

The Gasket, Packing, And Sealing Device Manufacturing Industry intermediate inputs will be \$834.9 million dollars in 2023 and to change by 19.1 percent from 2022 to 2023 in France.

The intermediate inputs will be \$809.4 million dollars in 2024 and is forecast to change by -3.1 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## GROSS OPERATING SURPLUS

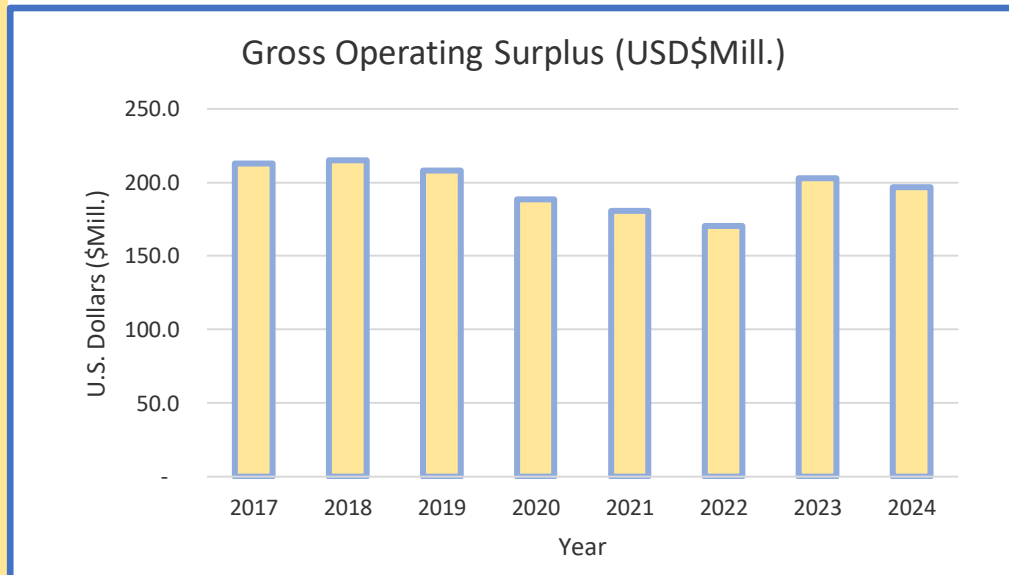
Gross Operating Surplus (USD\$Mill.)			
Year	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	213.0		
2018	215.0	2017-2018	0.9%
2019	208.2	2018-2019	-3.2%
2020	188.7	2019-2020	-9.4%
2021	180.7	2020-2021	-4.2%
2022	170.4	2021-2022	-5.7%
2023	203.0	2022-2023	19.1%
2024	196.8	2023-2024	-3.1%
2029	174.0	CAGR 2024-2029	-11.6%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

France

The Gasket, Packing, And Sealing Device Manufacturing Industry gross operating surplus will be \$834.9 million dollars in 2023 and to change by 19.1 percent from 2022 to 2023 in France.

The gross operating surplus will be \$809.4 million dollars in 2024 and is forecast to change by -3.1 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## INDUSTRY SALES

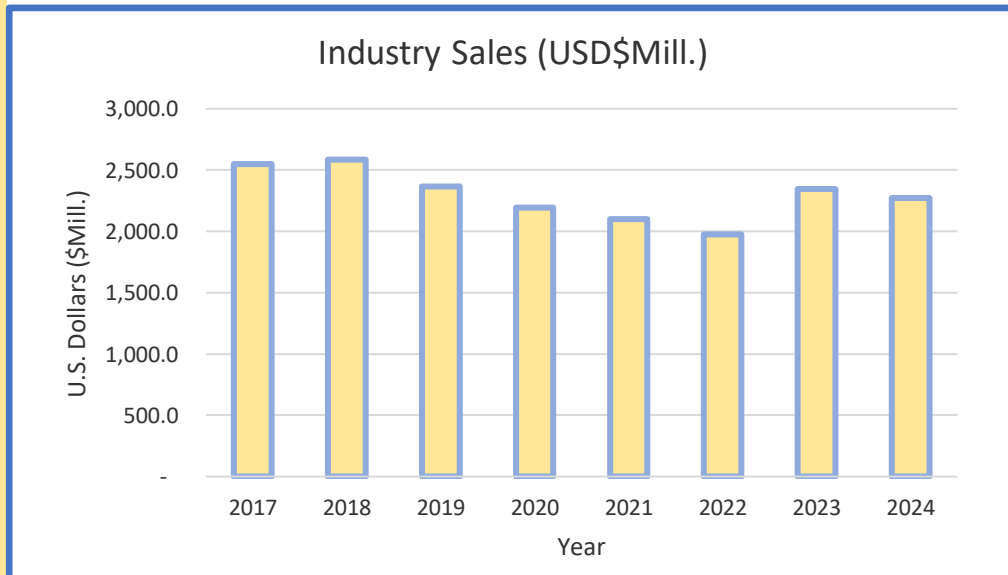
Year	Industry Sales (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	2,546.6		
2018	2,584.4	2017-2018	1.5%
2019	2,365.1	2018-2019	-8.5%
2020	2,196.0	2019-2020	-7.2%
2021	2,098.6	2020-2021	-4.4%
2022	1,975.3	2021-2022	-5.9%
2023	2,346.7	2022-2023	18.8%
2024	2,271.3	2023-2024	-3.2%
2029	1,939.1	CAGR 2024-2029	-14.6%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Germany

The Gasket, Packing, And Sealing Device Manufacturing Industry is forecast to be \$2,346.7 million dollars in 2023 and to change by 18.8 percent from 2022 to 2023 in Germany.

The industry will be \$2,271.3 million dollars in 2024 and is forecast to change by -3.2 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## VALUE ADDED

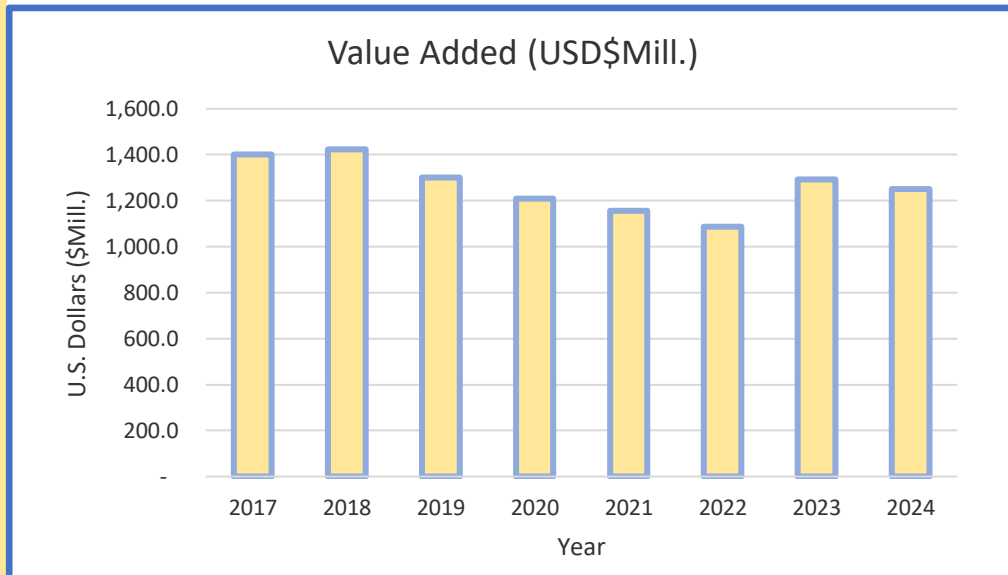
Year	Value Added (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	1,401.5		
2018	1,422.3	2017-2018	1.5%
2019	1,301.6	2018-2019	-8.5%
2020	1,208.5	2019-2020	-7.2%
2021	1,154.9	2020-2021	-4.4%
2022	1,087.1	2021-2022	-5.9%
2023	1,291.5	2022-2023	18.8%
2024	1,250.0	2023-2024	-3.2%
2029	1,067.2	CAGR 2024-2029	-14.6%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Germany

The Gasket, Packing, And Sealing Device Manufacturing Industry value added will be \$2,346.7 million dollars in 2023 and to change by 18.8 percent from 2022 to 2023 in Germany.

The value added will be \$2,271.3 million dollars in 2024 and is forecast to change by -3.2 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## INTERMEDIATE INPUTS

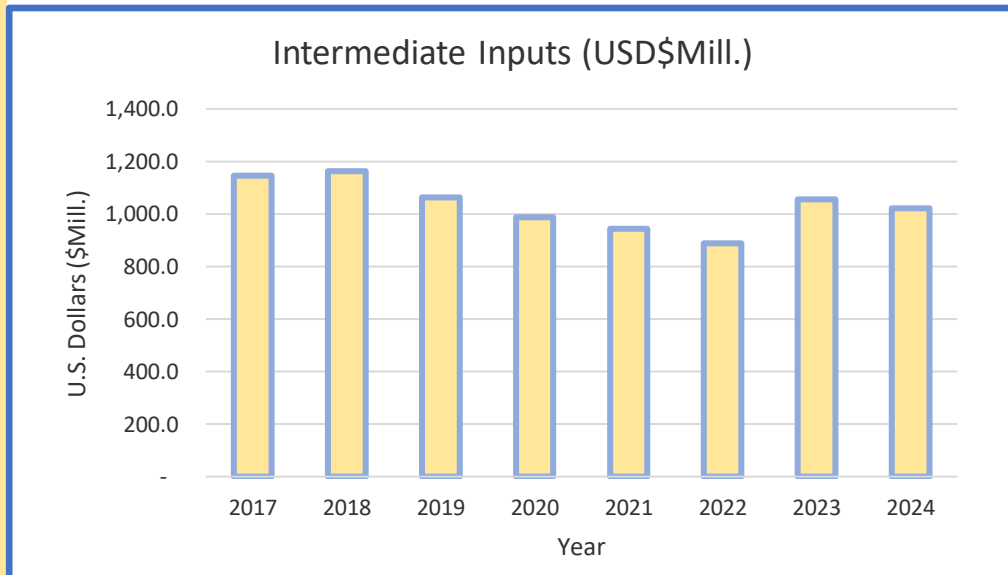
Year	Intermediate Inputs (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	1,145.1		
2018	1,162.1	2017-2018	1.5%
2019	1,063.5	2018-2019	-8.5%
2020	987.4	2019-2020	-7.2%
2021	943.6	2020-2021	-4.4%
2022	888.2	2021-2022	-5.9%
2023	1,055.2	2022-2023	18.8%
2024	1,021.3	2023-2024	-3.2%
2029	871.9	CAGR 2024-2029	-14.6%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Germany

The Gasket, Packing, And Sealing Device Manufacturing Industry intermediate inputs will be \$2,346.7 million dollars in 2023 and to change by 18.8 percent from 2022 to 2023 in Germany.

The intermediate inputs will be \$2,271.3 million dollars in 2024 and is forecast to change by -3.2 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## GROSS OPERATING SURPLUS

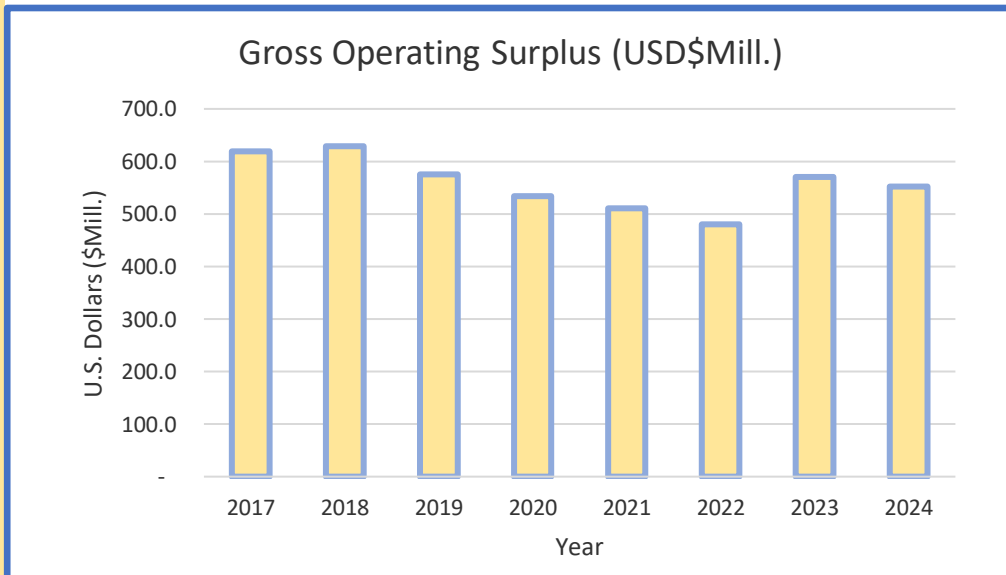
Gross Operating Surplus (USD\$Mill.)			
Year	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	619.1		
2018	628.3	2017-2018	1.5%
2019	575.0	2018-2019	-8.5%
2020	533.9	2019-2020	-7.2%
2021	510.2	2020-2021	-4.4%
2022	480.3	2021-2022	-5.9%
2023	570.6	2022-2023	18.8%
2024	552.2	2023-2024	-3.2%
2029	471.5	CAGR 2024-2029	-14.6%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Germany

The Gasket, Packing, And Sealing Device Manufacturing Industry gross operating surplus will be \$2,346.7 million dollars in 2023 and to change by 18.8 percent from 2022 to 2023 in Germany.

The gross operating surplus will be \$2,271.3 million dollars in 2024 and is forecast to change by -3.2 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## INDUSTRY SALES

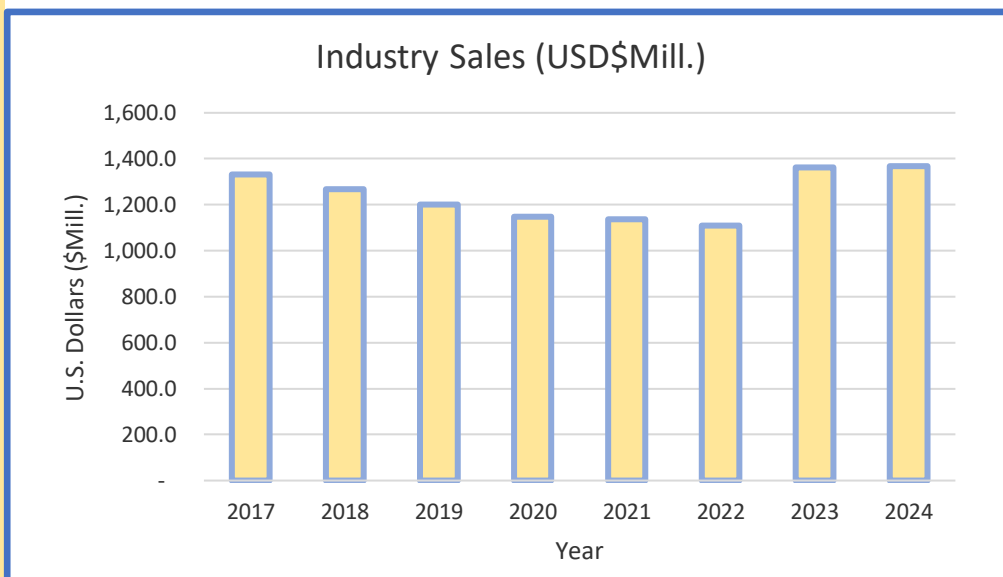
Year	Industry Sales (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	1,332.7		
2018	1,269.0	2017-2018	-4.8%
2019	1,199.7	2018-2019	-5.5%
2020	1,146.9	2019-2020	-4.4%
2021	1,135.8	2020-2021	-1.0%
2022	1,109.3	2021-2022	-2.3%
2023	1,363.0	2022-2023	22.9%
2024	1,368.3	2023-2024	0.4%
2029	1,338.0	CAGR 2024-2029	-2.2%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

India

The Gasket, Packing, And Sealing Device Manufacturing Industry is forecast to be \$1,363.0 million dollars in 2023 and to change by 22.9 percent from 2022 to 2023 in India.

The industry will be \$1,368.3 million dollars in 2024 and is forecast to change by 0.4 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## VALUE ADDED

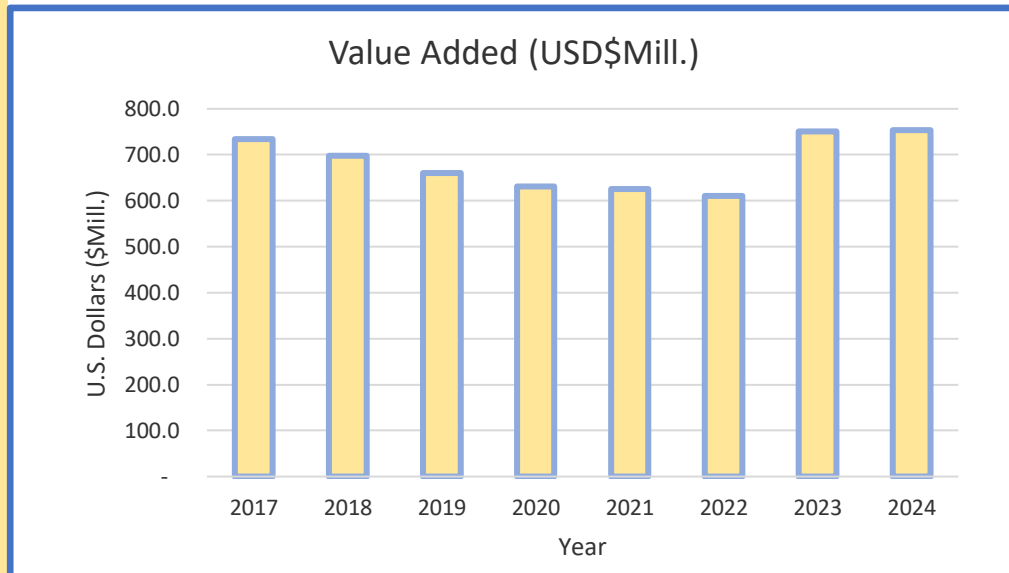
Year	Value Added (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	733.4		
2018	698.4	2017-2018	-4.8%
2019	660.2	2018-2019	-5.5%
2020	631.2	2019-2020	-4.4%
2021	625.1	2020-2021	-1.0%
2022	610.5	2021-2022	-2.3%
2023	750.1	2022-2023	22.9%
2024	753.0	2023-2024	0.4%
2029	736.4	CAGR 2024-2029	-2.2%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

India

The Gasket, Packing, And Sealing Device Manufacturing Industry value added will be \$1,363.0 million dollars in 2023 and to change by 22.9 percent from 2022 to 2023 in India.

The value added will be \$1,368.3 million dollars in 2024 and is forecast to change by 0.4 percent from 2023 to 2024.



Source: Wharry Sharpe Research



# Gasket, Packing, And Sealing Device Manufacturing Industry

## INTERMEDIATE INPUTS

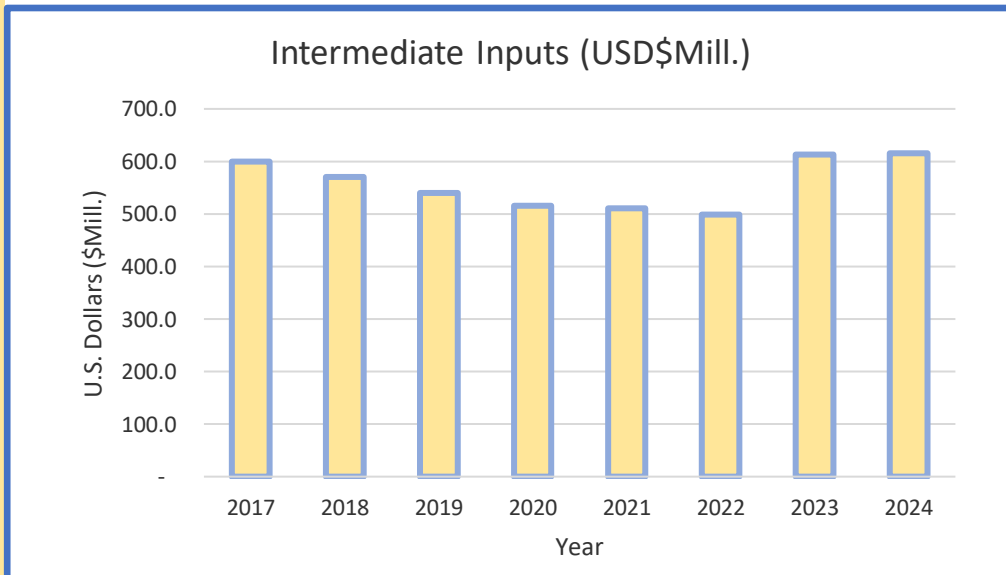
Intermediate Inputs (USD\$Mill.)			
Year	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	599.3		
2018	570.6	2017-2018	-4.8%
2019	539.5	2018-2019	-5.5%
2020	515.7	2019-2020	-4.4%
2021	510.7	2020-2021	-1.0%
2022	498.8	2021-2022	-2.3%
2023	612.9	2022-2023	22.9%
2024	615.3	2023-2024	0.4%
2029	601.7	CAGR 2024-2029	-2.2%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

India

The Gasket, Packing, And Sealing Device Manufacturing Industry intermediate inputs will be \$1,363.0 million dollars in 2023 and to change by 22.9 percent from 2022 to 2023 in India.

The intermediate inputs will be \$1,368.3 million dollars in 2024 and is forecast to change by 0.4 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## GROSS OPERATING SURPLUS

Gross Operating Surplus (USD\$Mill.)			
Year	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	324.0		
2018	308.5	2017-2018	-4.8%
2019	291.7	2018-2019	-5.5%
2020	278.9	2019-2020	-4.4%
2021	276.1	2020-2021	-1.0%
2022	269.7	2021-2022	-2.3%
2023	331.4	2022-2023	22.9%
2024	332.7	2023-2024	0.4%
2029	325.3	CAGR 2024-2029	-2.2%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

India

The Gasket, Packing, And Sealing Device Manufacturing Industry gross operating surplus will be \$1,363.0 million dollars in 2023 and to change by 22.9 percent from 2022 to 2023 in India.

The gross operating surplus will be \$1,368.3 million dollars in 2024 and is forecast to change by 0.4 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## INDUSTRY SALES

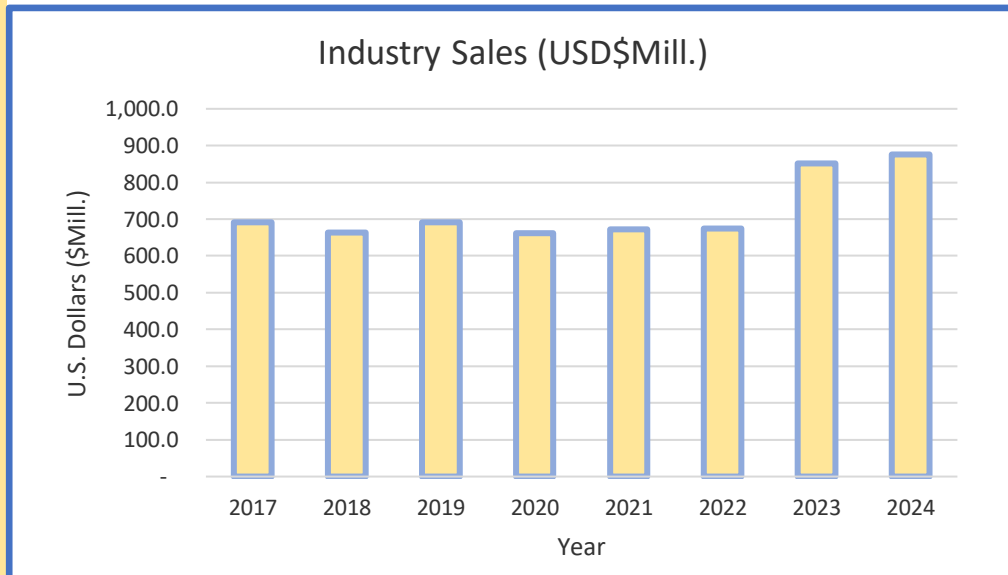
Year	Industry Sales (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	691.9		
2018	663.9	2017-2018	-4.0%
2019	691.5	2018-2019	4.1%
2020	661.1	2019-2020	-4.4%
2021	673.0	2020-2021	1.8%
2022	674.5	2021-2022	0.2%
2023	850.9	2022-2023	26.2%
2024	876.5	2023-2024	3.0%
2029	995.5	CAGR 2024-2029	13.6%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

The Gasket, Packing, And Sealing Device Manufacturing Industry is forecast to be \$850.9 million dollars in 2023 and to change by 26.2 percent from 2022 to 2023 in Indonesia.

The industry will be \$876.5 million dollars in 2024 and is forecast to change by 3 percent from 2023 to 2024.

Indonesia



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## VALUE ADDED

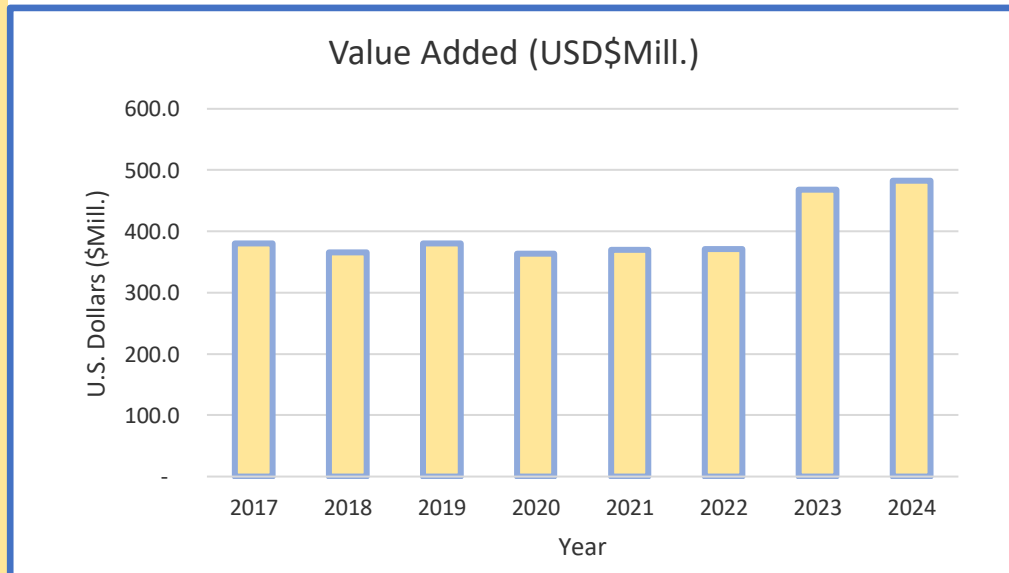
Year	Value Added (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	380.8		
2018	365.4	2017-2018	-4.0%
2019	380.5	2018-2019	4.1%
2020	363.8	2019-2020	-4.4%
2021	370.4	2020-2021	1.8%
2022	371.2	2021-2022	0.2%
2023	468.3	2022-2023	26.2%
2024	482.4	2023-2024	3.0%
2029	547.8	CAGR 2024-2029	13.6%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

The Gasket, Packing, And Sealing Device Manufacturing Industry value added will be \$850.9 million dollars in 2023 and to change by 26.2 percent from 2022 to 2023 in Indonesia.

The value added will be \$876.5 million dollars in 2024 and is forecast to change by 3 percent from 2023 to 2024.

Indonesia



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## INTERMEDIATE INPUTS

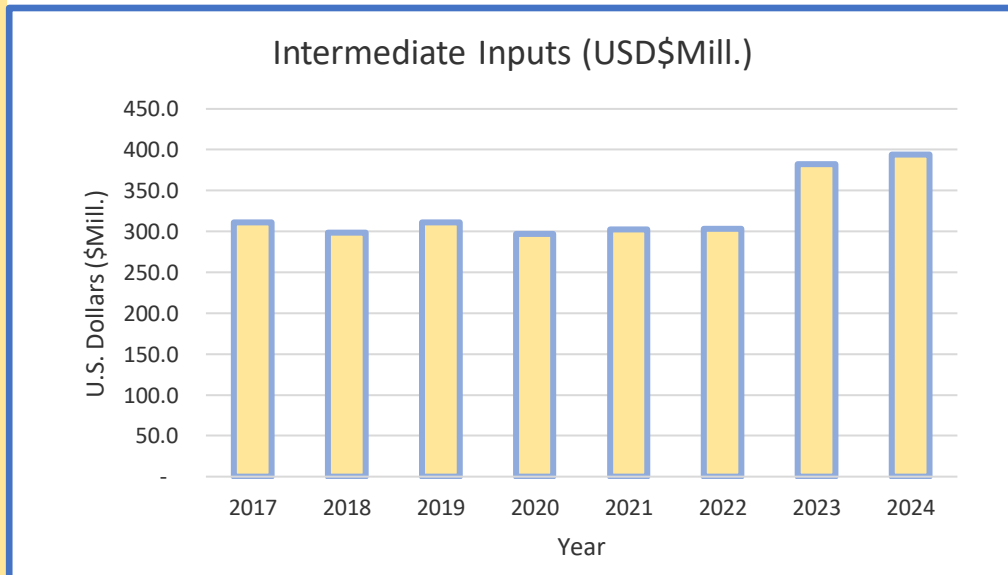
Intermediate Inputs (USD\$Mill.)			
Year	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	311.1		
2018	298.6	2017-2018	-4.0%
2019	310.9	2018-2019	4.1%
2020	297.3	2019-2020	-4.4%
2021	302.6	2020-2021	1.8%
2022	303.3	2021-2022	0.2%
2023	382.6	2022-2023	26.2%
2024	394.1	2023-2024	3.0%
2029	447.6	CAGR 2024-2029	13.6%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

The Gasket, Packing, And Sealing Device Manufacturing Industry intermediate inputs will be \$850.9 million dollars in 2023 and to change by 26.2 percent from 2022 to 2023 in Indonesia.

The intermediate inputs will be \$876.5 million dollars in 2024 and is forecast to change by 3 percent from 2023 to 2024.

Indonesia



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## GROSS OPERATING SURPLUS

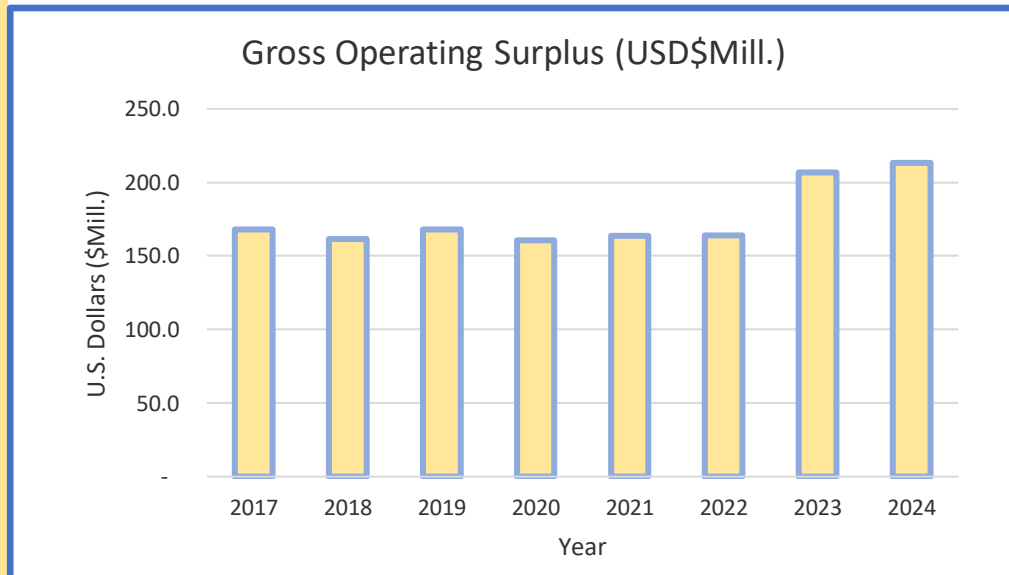
Gross Operating Surplus (USD\$Mill.)			
Year	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	168.2		
2018	161.4	2017-2018	-4.0%
2019	168.1	2018-2019	4.1%
2020	160.7	2019-2020	-4.4%
2021	163.6	2020-2021	1.8%
2022	164.0	2021-2022	0.2%
2023	206.9	2022-2023	26.2%
2024	213.1	2023-2024	3.0%
2029	242.0	CAGR 2024-2029	13.6%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

The Gasket, Packing, And Sealing Device Manufacturing Industry gross operating surplus will be \$850.9 million dollars in 2023 and to change by 26.2 percent from 2022 to 2023 in Indonesia.

The gross operating surplus will be \$876.5 million dollars in 2024 and is forecast to change by 3 percent from 2023 to 2024.

Indonesia



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## INDUSTRY SALES

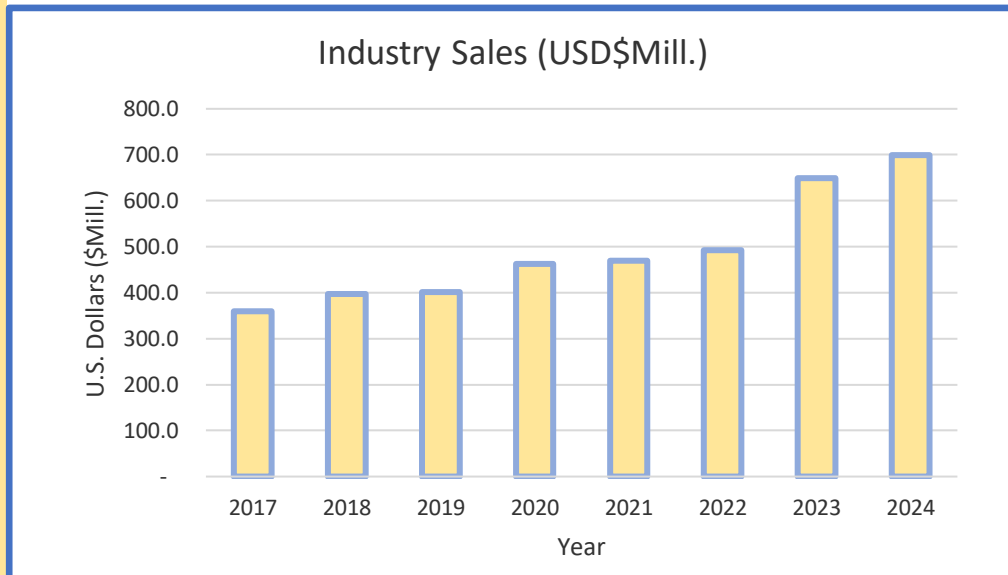
Year	Industry Sales (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	359.0		
2018	397.5	2017-2018	10.7%
2019	400.7	2018-2019	0.8%
2020	461.9	2019-2020	15.3%
2021	469.1	2020-2021	1.6%
2022	492.4	2021-2022	5.0%
2023	648.8	2022-2023	31.7%
2024	699.7	2023-2024	7.9%
2029	938.4	CAGR 2024-2029	34.1%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Ireland

The Gasket, Packing, And Sealing Device Manufacturing Industry is forecast to be \$648.8 million dollars in 2023 and to change by 31.7 percent from 2022 to 2023 in Ireland.

The industry will be \$699.7 million dollars in 2024 and is forecast to change by 7.9 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## VALUE ADDED

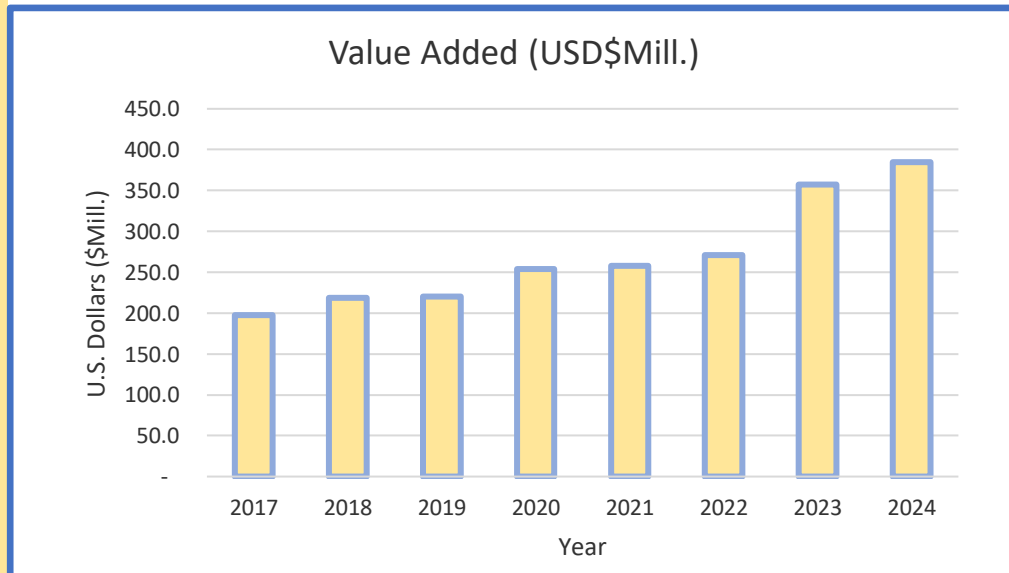
Year	Value Added (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	197.6		
2018	218.8	2017-2018	10.7%
2019	220.5	2018-2019	0.8%
2020	254.2	2019-2020	15.3%
2021	258.2	2020-2021	1.6%
2022	271.0	2021-2022	5.0%
2023	357.0	2022-2023	31.7%
2024	385.1	2023-2024	7.9%
2029	516.4	CAGR 2024-2029	34.1%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Ireland

The Gasket, Packing, And Sealing Device Manufacturing Industry value added will be \$648.8 million dollars in 2023 and to change by 31.7 percent from 2022 to 2023 in Ireland.

The value added will be \$699.7 million dollars in 2024 and is forecast to change by 7.9 percent from 2023 to 2024.



Source: Wharry Sharpe Research



# Gasket, Packing, And Sealing Device Manufacturing Industry

## INTERMEDIATE INPUTS

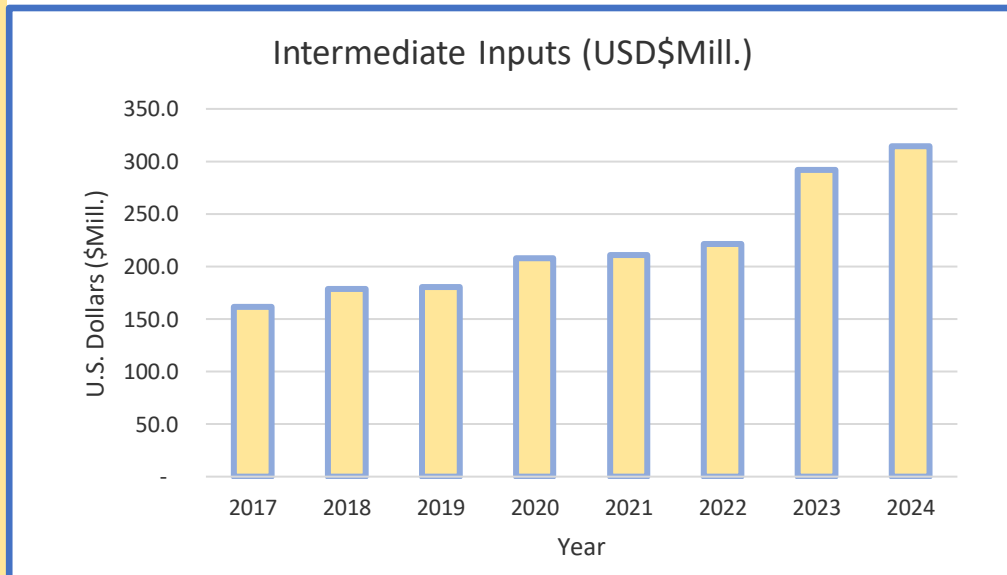
Intermediate Inputs (USD\$Mill.)			
Year	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	161.4		
2018	178.7	2017-2018	10.7%
2019	180.2	2018-2019	0.8%
2020	207.7	2019-2020	15.3%
2021	211.0	2020-2021	1.6%
2022	221.4	2021-2022	5.0%
2023	291.7	2022-2023	31.7%
2024	314.6	2023-2024	7.9%
2029	422.0	CAGR 2024-2029	34.1%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Ireland

The Gasket, Packing, And Sealing Device Manufacturing Industry intermediate inputs will be \$648.8 million dollars in 2023 and to change by 31.7 percent from 2022 to 2023 in Ireland.

The intermediate inputs will be \$699.7 million dollars in 2024 and is forecast to change by 7.9 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## GROSS OPERATING SURPLUS

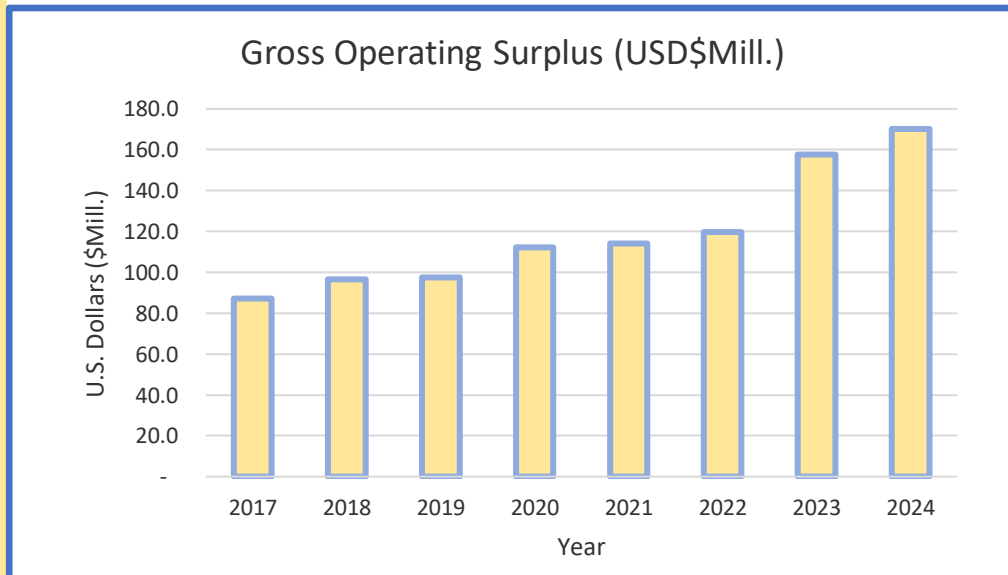
Gross Operating Surplus (USD\$Mill.)			
Year	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	87.3		
2018	96.6	2017-2018	10.7%
2019	97.4	2018-2019	0.8%
2020	112.3	2019-2020	15.3%
2021	114.1	2020-2021	1.6%
2022	119.7	2021-2022	5.0%
2023	157.7	2022-2023	31.7%
2024	170.1	2023-2024	7.9%
2029	228.1	CAGR 2024-2029	34.1%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Ireland

The Gasket, Packing, And Sealing Device Manufacturing Industry gross operating surplus will be \$648.8 million dollars in 2023 and to change by 31.7 percent from 2022 to 2023 in Ireland.

The gross operating surplus will be \$699.7 million dollars in 2024 and is forecast to change by 7.9 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## INDUSTRY SALES

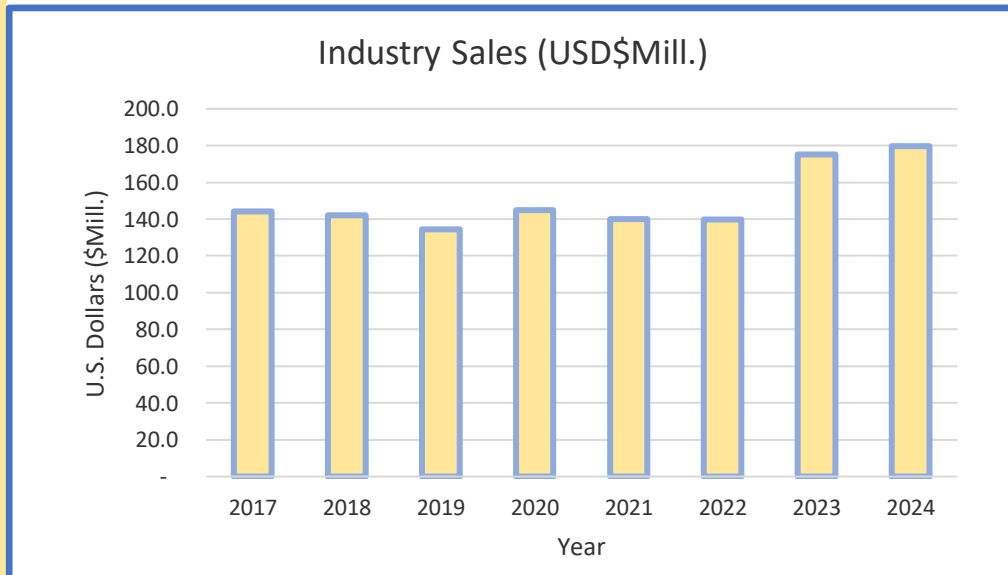
Year	Industry Sales (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	144.1		
2018	142.1	2017-2018	-1.3%
2019	134.6	2018-2019	-5.3%
2020	144.8	2019-2020	7.6%
2021	140.2	2020-2021	-3.2%
2022	139.8	2021-2022	-0.3%
2023	175.2	2022-2023	25.3%
2024	179.6	2023-2024	2.5%
2029	193.3	CAGR 2024-2029	7.6%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Israel

The Gasket, Packing, And Sealing Device Manufacturing Industry is forecast to be \$175.2 million dollars in 2023 and to change by 25.3 percent from 2022 to 2023 in Israel.

The industry will be \$179.6 million dollars in 2024 and is forecast to change by 2.5 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## VALUE ADDED

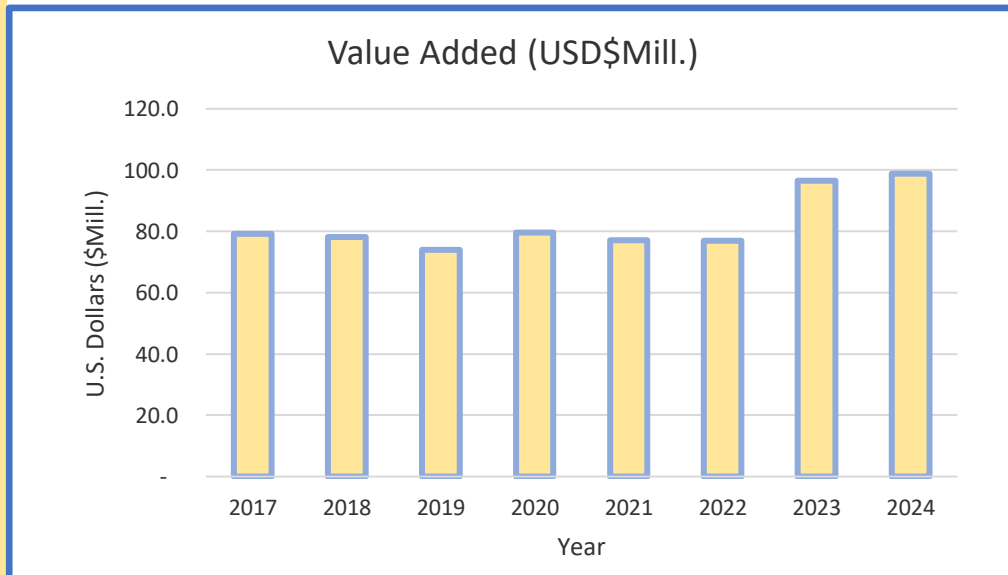
Year	Value Added (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	79.3		
2018	78.2	2017-2018	-1.3%
2019	74.0	2018-2019	-5.3%
2020	79.7	2019-2020	7.6%
2021	77.1	2020-2021	-3.2%
2022	76.9	2021-2022	-0.3%
2023	96.4	2022-2023	25.3%
2024	98.9	2023-2024	2.5%
2029	106.4	CAGR 2024-2029	7.6%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Israel

The Gasket, Packing, And Sealing Device Manufacturing Industry value added will be \$175.2 million dollars in 2023 and to change by 25.3 percent from 2022 to 2023 in Israel.

The value added will be \$179.6 million dollars in 2024 and is forecast to change by 2.5 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## INTERMEDIATE INPUTS

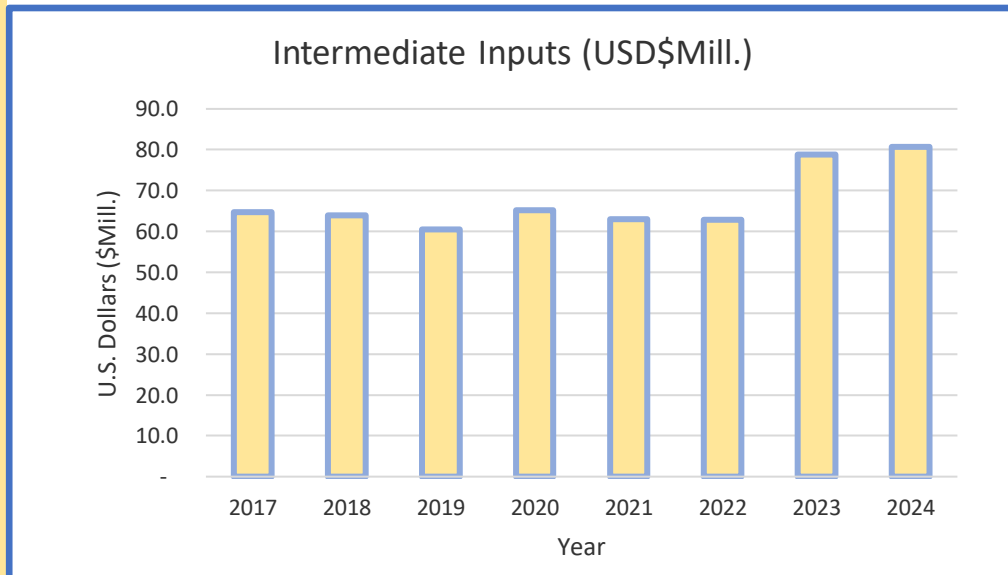
Year	Intermediate Inputs (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	64.8		
2018	63.9	2017-2018	-1.3%
2019	60.5	2018-2019	-5.3%
2020	65.1	2019-2020	7.6%
2021	63.0	2020-2021	-3.2%
2022	62.9	2021-2022	-0.3%
2023	78.8	2022-2023	25.3%
2024	80.8	2023-2024	2.5%
2029	86.9	CAGR 2024-2029	7.6%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Israel

The Gasket, Packing, And Sealing Device Manufacturing Industry intermediate inputs will be \$175.2 million dollars in 2023 and to change by 25.3 percent from 2022 to 2023 in Israel.

The intermediate inputs will be \$179.6 million dollars in 2024 and is forecast to change by 2.5 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## GROSS OPERATING SURPLUS

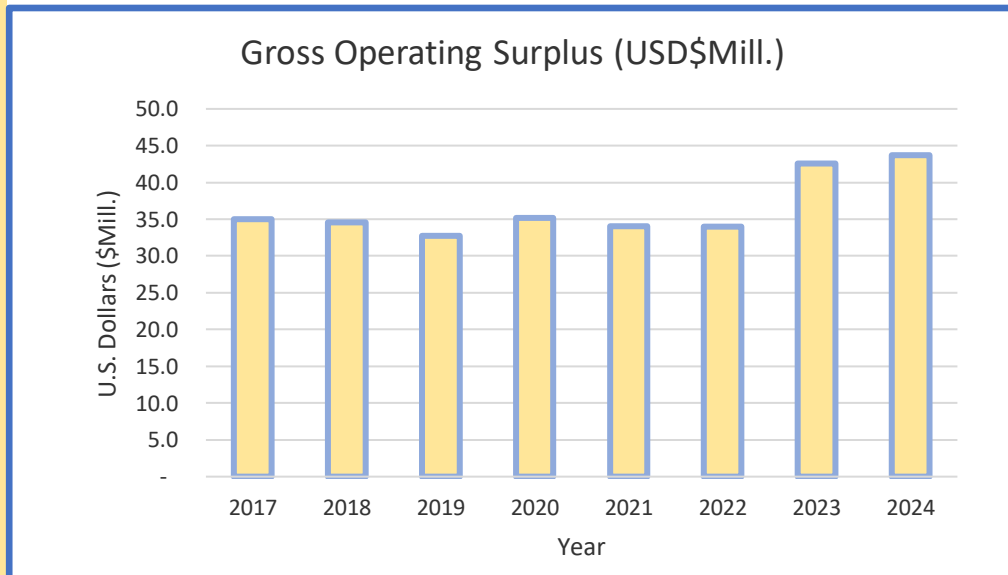
Gross Operating Surplus (USD\$Mill.)			
Year	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	35.0		
2018	34.6	2017-2018	-1.3%
2019	32.7	2018-2019	-5.3%
2020	35.2	2019-2020	7.6%
2021	34.1	2020-2021	-3.2%
2022	34.0	2021-2022	-0.3%
2023	42.6	2022-2023	25.3%
2024	43.7	2023-2024	2.5%
2029	47.0	CAGR 2024-2029	7.6%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Israel

The Gasket, Packing, And Sealing Device Manufacturing Industry gross operating surplus will be \$175.2 million dollars in 2023 and to change by 25.3 percent from 2022 to 2023 in Israel.

The gross operating surplus will be \$179.6 million dollars in 2024 and is forecast to change by 2.5 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## INDUSTRY SALES

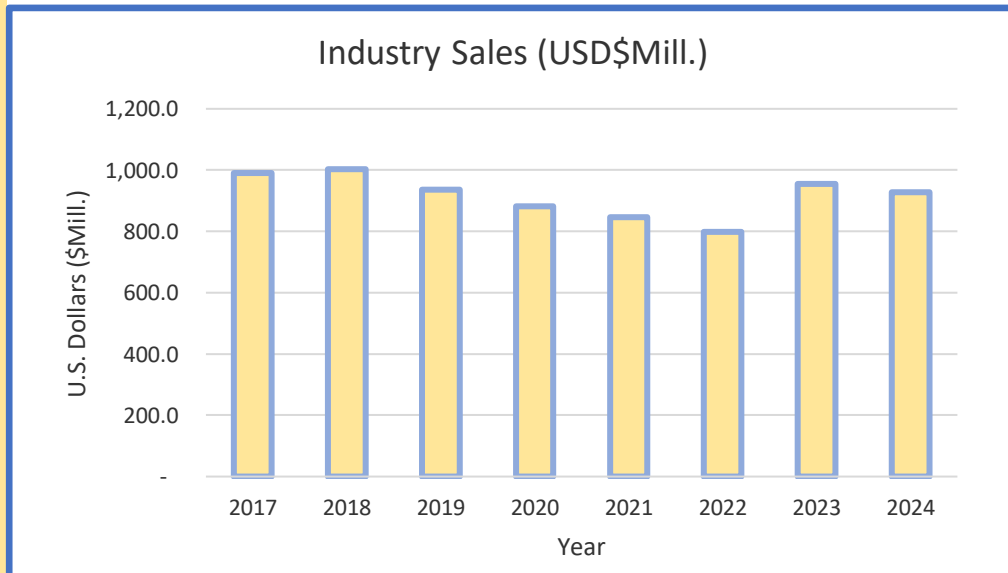
Year	Industry Sales (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	990.9		
2018	1,003.3	2017-2018	1.3%
2019	935.9	2018-2019	-6.7%
2020	882.4	2019-2020	-5.7%
2021	845.4	2020-2021	-4.2%
2022	798.5	2021-2022	-5.6%
2023	954.6	2022-2023	19.6%
2024	927.4	2023-2024	-2.9%
2029	851.6	CAGR 2024-2029	-8.2%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Italy

The Gasket, Packing, And Sealing Device Manufacturing Industry is forecast to be \$954.6 million dollars in 2023 and to change by 19.6 percent from 2022 to 2023 in Italy.

The industry will be \$927.4 million dollars in 2024 and is forecast to change by -2.9 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## VALUE ADDED

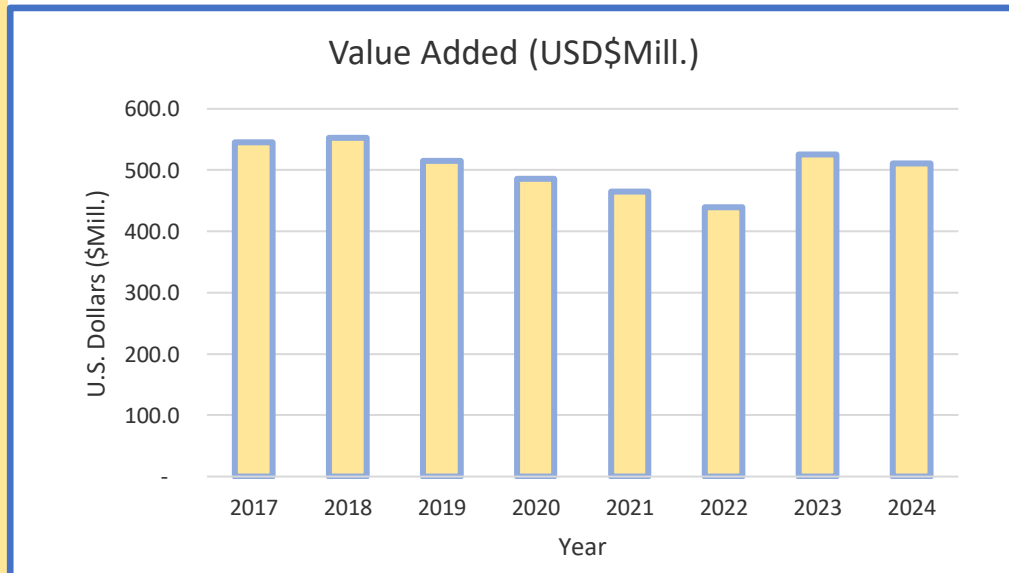
Year	Value Added (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	545.3		
2018	552.2	2017-2018	1.3%
2019	515.0	2018-2019	-6.7%
2020	485.6	2019-2020	-5.7%
2021	465.3	2020-2021	-4.2%
2022	439.4	2021-2022	-5.6%
2023	525.4	2022-2023	19.6%
2024	510.4	2023-2024	-2.9%
2029	468.7	CAGR 2024-2029	-8.2%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Italy

The Gasket, Packing, And Sealing Device Manufacturing Industry value added will be \$954.6 million dollars in 2023 and to change by 19.6 percent from 2022 to 2023 in Italy.

The value added will be \$927.4 million dollars in 2024 and is forecast to change by -2.9 percent from 2023 to 2024.



Source: Wharry Sharpe Research



# Gasket, Packing, And Sealing Device Manufacturing Industry

## INTERMEDIATE INPUTS

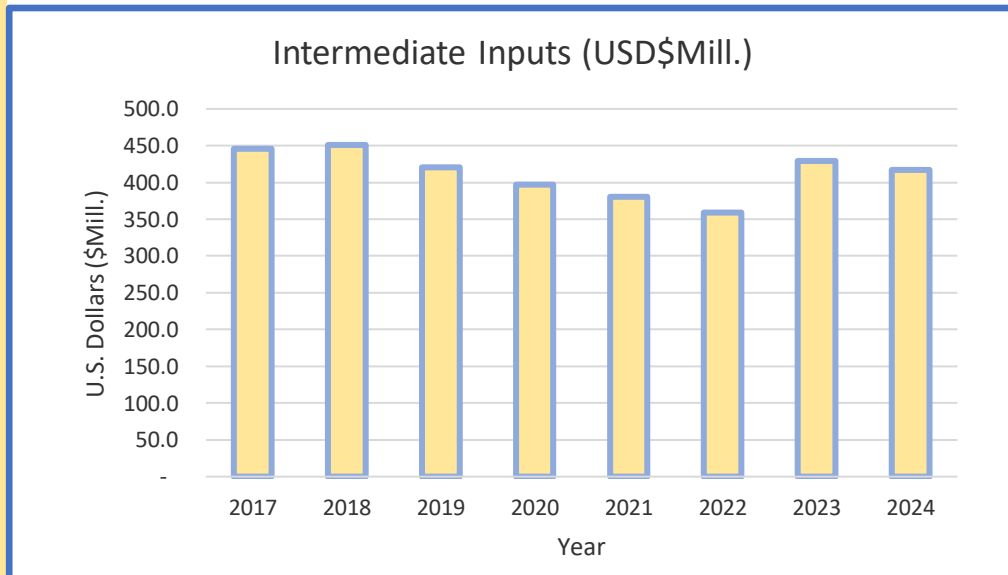
Year	Intermediate Inputs (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	445.6		
2018	451.2	2017-2018	1.3%
2019	420.8	2018-2019	-6.7%
2020	396.8	2019-2020	-5.7%
2021	380.1	2020-2021	-4.2%
2022	359.0	2021-2022	-5.6%
2023	429.3	2022-2023	19.6%
2024	417.0	2023-2024	-2.9%
2029	382.9	CAGR 2024-2029	-8.2%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Italy

The Gasket, Packing, And Sealing Device Manufacturing Industry intermediate inputs will be \$954.6 million dollars in 2023 and to change by 19.6 percent from 2022 to 2023 in Italy.

The intermediate inputs will be \$927.4 million dollars in 2024 and is forecast to change by -2.9 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## GROSS OPERATING SURPLUS

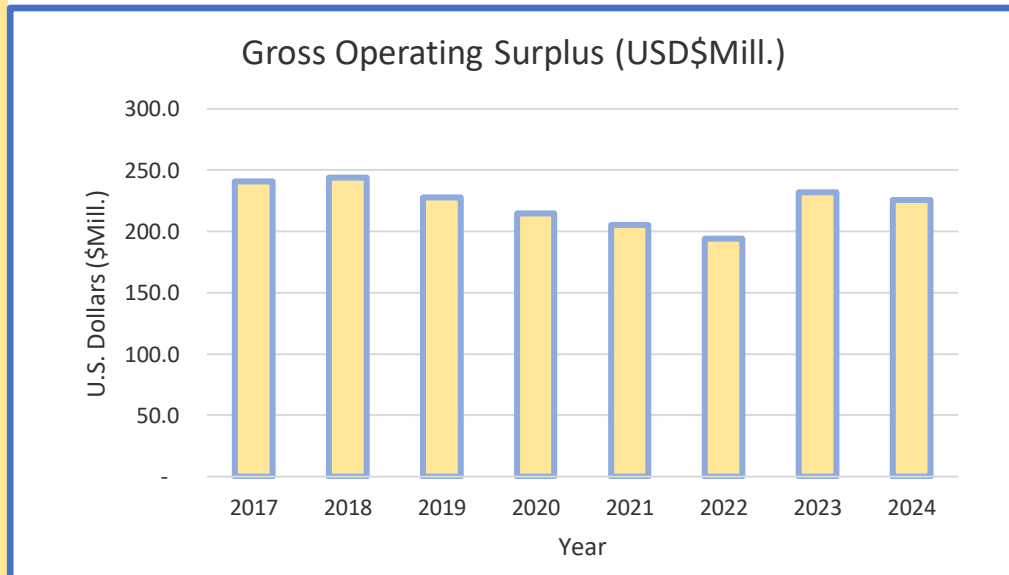
Gross Operating Surplus (USD\$Mill.)			
Year	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	240.9		
2018	243.9	2017-2018	1.3%
2019	227.5	2018-2019	-6.7%
2020	214.5	2019-2020	-5.7%
2021	205.5	2020-2021	-4.2%
2022	194.1	2021-2022	-5.6%
2023	232.1	2022-2023	19.6%
2024	225.5	2023-2024	-2.9%
2029	207.1	CAGR 2024-2029	-8.2%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Italy

The Gasket, Packing, And Sealing Device Manufacturing Industry gross operating surplus will be \$954.6 million dollars in 2023 and to change by 19.6 percent from 2022 to 2023 in Italy.

The gross operating surplus will be \$927.4 million dollars in 2024 and is forecast to change by -2.9 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## INDUSTRY SALES

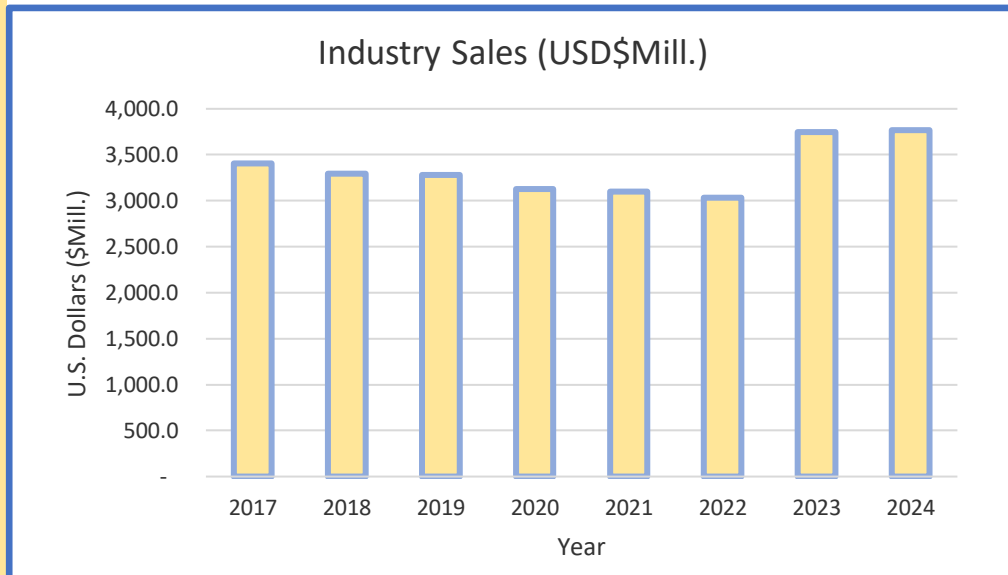
Year	Industry Sales (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	3,408.1		
2018	3,296.7	2017-2018	-3.3%
2019	3,278.8	2018-2019	-0.5%
2020	3,127.3	2019-2020	-4.6%
2021	3,100.2	2020-2021	-0.9%
2022	3,033.1	2021-2022	-2.2%
2023	3,744.3	2022-2023	23.4%
2024	3,766.6	2023-2024	0.6%
2029	3,943.8	CAGR 2024-2029	4.7%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Japan

The Gasket, Packing, And Sealing Device Manufacturing Industry is forecast to be \$3,744.3 million dollars in 2023 and to change by 23.4 percent from 2022 to 2023 in Japan.

The industry will be \$3,766.6 million dollars in 2024 and is forecast to change by 0.6 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## VALUE ADDED

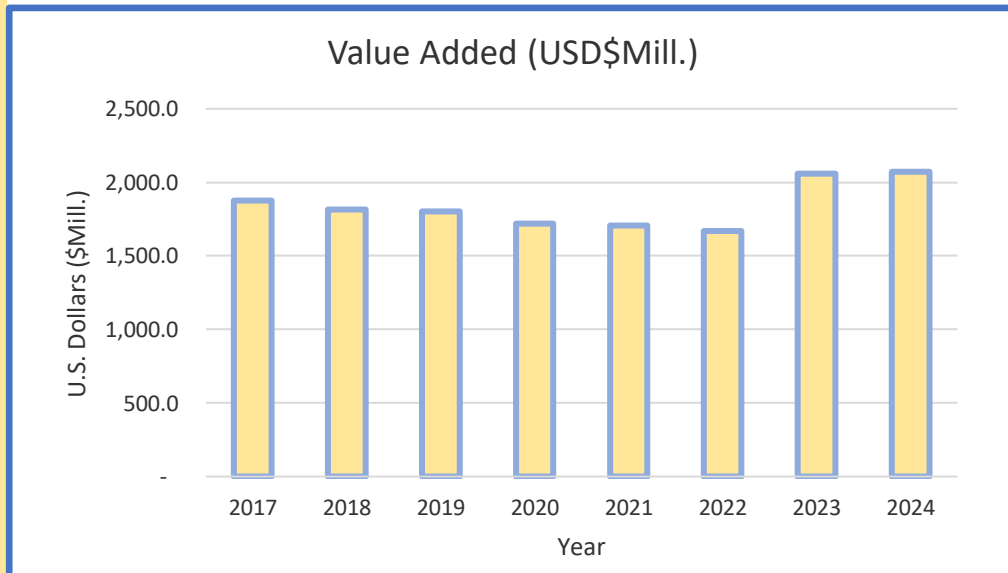
Year	Value Added (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	1,875.6		
2018	1,814.3	2017-2018	-3.3%
2019	1,804.4	2018-2019	-0.5%
2020	1,721.1	2019-2020	-4.6%
2021	1,706.1	2020-2021	-0.9%
2022	1,669.2	2021-2022	-2.2%
2023	2,060.6	2022-2023	23.4%
2024	2,072.9	2023-2024	0.6%
2029	2,170.4	CAGR 2024-2029	4.7%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Japan

The Gasket, Packing, And Sealing Device Manufacturing Industry value added will be \$3,744.3 million dollars in 2023 and to change by 23.4 percent from 2022 to 2023 in Japan.

The value added will be \$3,766.6 million dollars in 2024 and is forecast to change by 0.6 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## INTERMEDIATE INPUTS

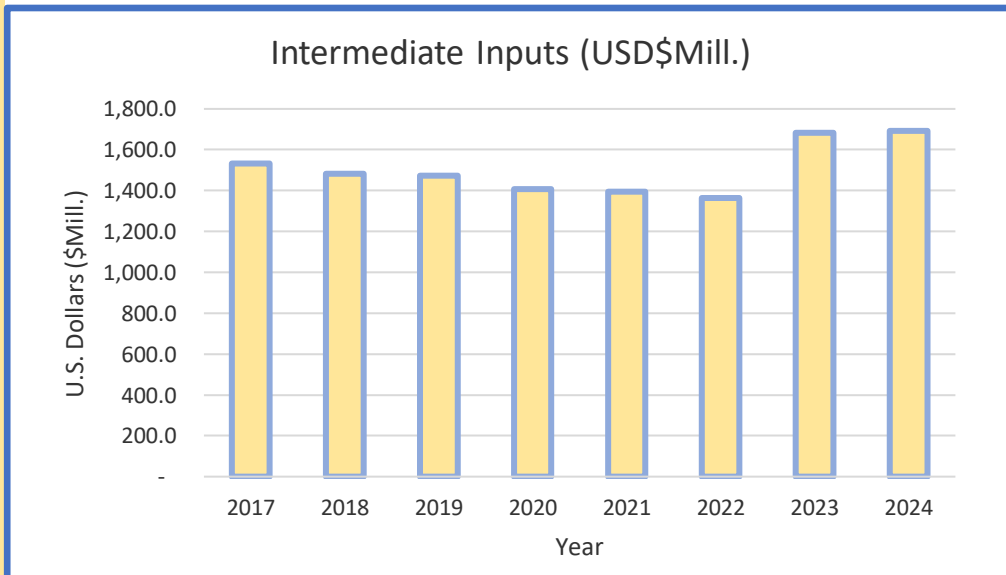
Intermediate Inputs (USD\$Mill.)			
Year	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	1,532.5		
2018	1,482.4	2017-2018	-3.3%
2019	1,474.4	2018-2019	-0.5%
2020	1,406.2	2019-2020	-4.6%
2021	1,394.0	2020-2021	-0.9%
2022	1,363.9	2021-2022	-2.2%
2023	1,683.7	2022-2023	23.4%
2024	1,693.7	2023-2024	0.6%
2029	1,773.4	CAGR 2024-2029	4.7%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Japan

The Gasket, Packing, And Sealing Device Manufacturing Industry intermediate inputs will be \$3,744.3 million dollars in 2023 and to change by 23.4 percent from 2022 to 2023 in Japan.

The intermediate inputs will be \$3,766.6 million dollars in 2024 and is forecast to change by 0.6 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## GROSS OPERATING SURPLUS

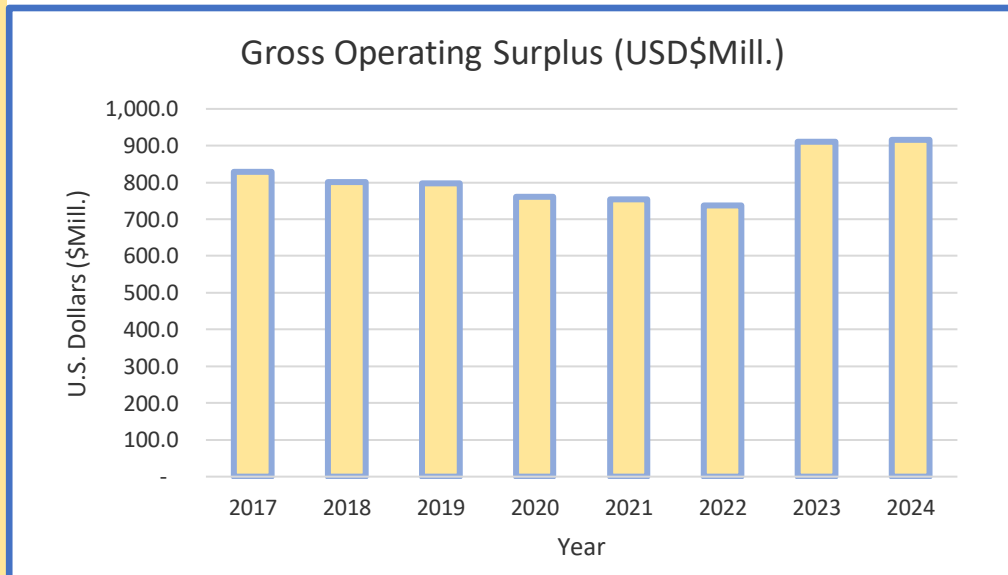
Gross Operating Surplus (USD\$Mill.)			
Year	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	828.6		
2018	801.5	2017-2018	-3.3%
2019	797.2	2018-2019	-0.5%
2020	760.3	2019-2020	-4.6%
2021	753.7	2020-2021	-0.9%
2022	737.4	2021-2022	-2.2%
2023	910.3	2022-2023	23.4%
2024	915.8	2023-2024	0.6%
2029	958.9	CAGR 2024-2029	4.7%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Japan

The Gasket, Packing, And Sealing Device Manufacturing Industry gross operating surplus will be \$3,744.3 million dollars in 2023 and to change by 23.4 percent from 2022 to 2023 in Japan.

The gross operating surplus will be \$3,766.6 million dollars in 2024 and is forecast to change by 0.6 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## INDUSTRY SALES

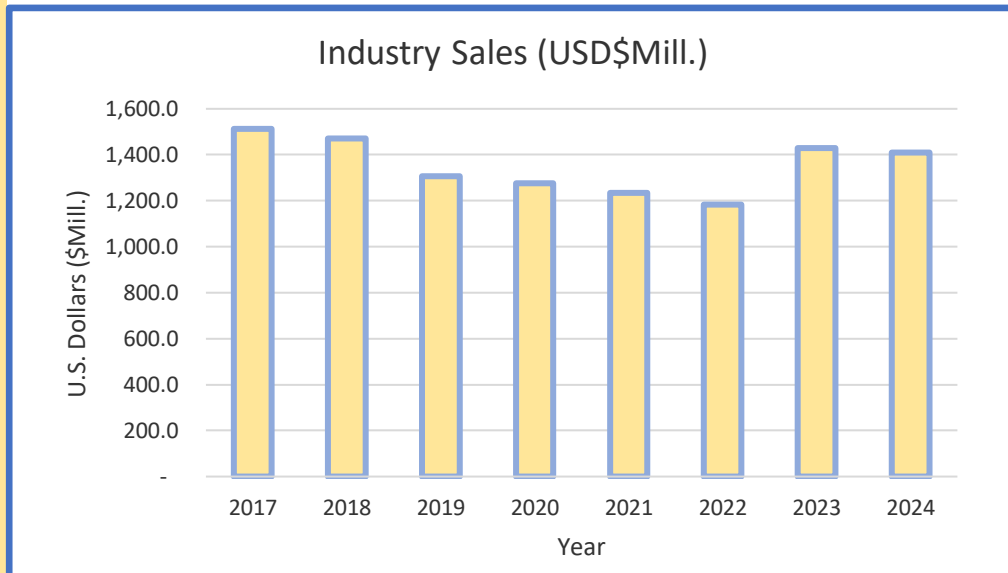
Year	Industry Sales (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	1,512.7		
2018	1,470.5	2017-2018	-2.8%
2019	1,307.7	2018-2019	-11.1%
2020	1,276.8	2019-2020	-2.4%
2021	1,234.7	2020-2021	-3.3%
2022	1,183.3	2021-2022	-4.2%
2023	1,430.2	2022-2023	20.9%
2024	1,409.2	2023-2024	-1.5%
2029	1,300.8	CAGR 2024-2029	-7.7%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

The Gasket, Packing, And Sealing Device Manufacturing Industry is forecast to be \$1,430.2 million dollars in 2023 and to change by 20.9 percent from 2022 to 2023 in South Korea.

The industry will be \$1,409.2 million dollars in 2024 and is forecast to change by -1.5 percent from 2023 to 2024.

South Korea



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## VALUE ADDED

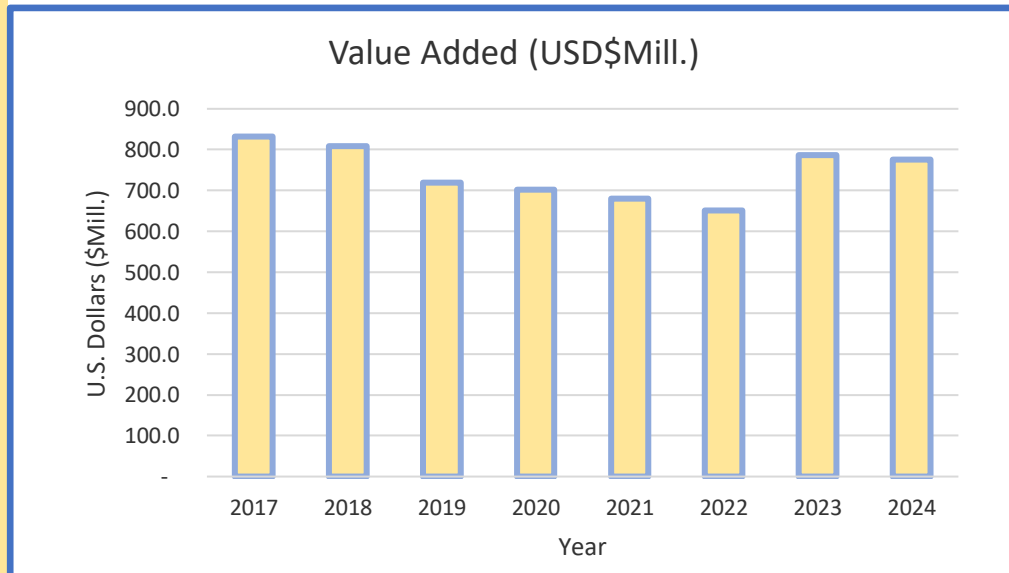
Year	Value Added (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	832.5		
2018	809.3	2017-2018	-2.8%
2019	719.7	2018-2019	-11.1%
2020	702.7	2019-2020	-2.4%
2021	679.5	2020-2021	-3.3%
2022	651.2	2021-2022	-4.2%
2023	787.1	2022-2023	20.9%
2024	775.5	2023-2024	-1.5%
2029	715.8	CAGR 2024-2029	-7.7%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

The Gasket, Packing, And Sealing Device Manufacturing Industry value added will be \$1,430.2 million dollars in 2023 and to change by 20.9 percent from 2022 to 2023 in South Korea.

The value added will be \$1,409.2 million dollars in 2024 and is forecast to change by -1.5 percent from 2023 to 2024.

South Korea



Source: Wharry Sharpe Research



# Gasket, Packing, And Sealing Device Manufacturing Industry

## INTERMEDIATE INPUTS

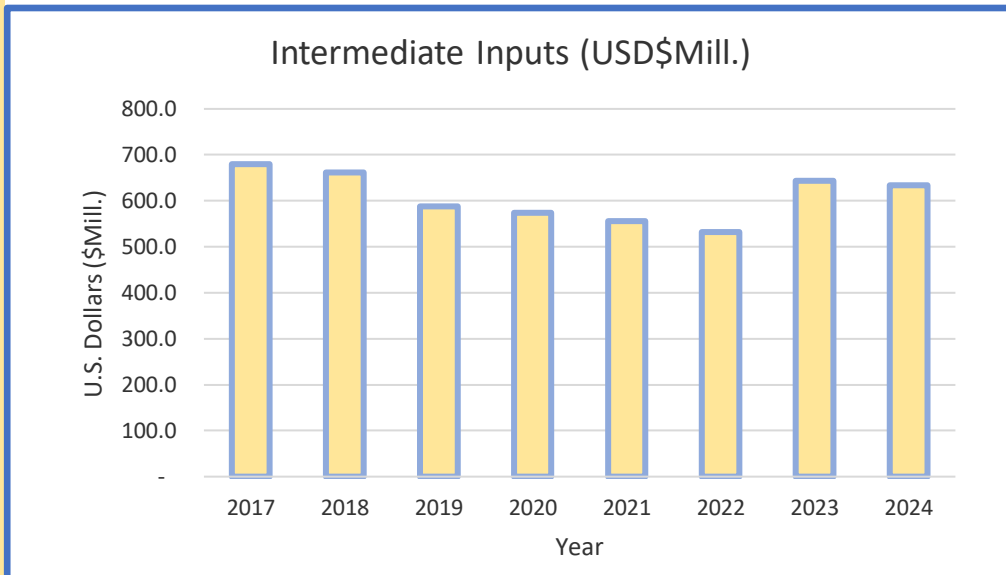
Year	Intermediate Inputs (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	680.2		
2018	661.2	2017-2018	-2.8%
2019	588.0	2018-2019	-11.1%
2020	574.1	2019-2020	-2.4%
2021	555.2	2020-2021	-3.3%
2022	532.1	2021-2022	-4.2%
2023	643.1	2022-2023	20.9%
2024	633.7	2023-2024	-1.5%
2029	584.9	CAGR 2024-2029	-7.7%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

The Gasket, Packing, And Sealing Device Manufacturing Industry intermediate inputs will be \$1,430.2 million dollars in 2023 and to change by 20.9 percent from 2022 to 2023 in South Korea.

The intermediate inputs will be \$1,409.2 million dollars in 2024 and is forecast to change by -1.5 percent from 2023 to 2024.

South Korea



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## GROSS OPERATING SURPLUS

Gross Operating Surplus (USD\$Mill.)			
Year	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	367.8		
2018	357.5	2017-2018	-2.8%
2019	317.9	2018-2019	-11.1%
2020	310.4	2019-2020	-2.4%
2021	300.2	2020-2021	-3.3%
2022	287.7	2021-2022	-4.2%
2023	347.7	2022-2023	20.9%
2024	342.6	2023-2024	-1.5%
2029	316.3	CAGR 2024-2029	-7.7%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

The Gasket, Packing, And Sealing Device Manufacturing Industry gross operating surplus will be \$1,430.2 million dollars in 2023 and to change by 20.9 percent from 2022 to 2023 in South Korea.

The gross operating surplus will be \$1,409.2 million dollars in 2024 and is forecast to change by -1.5 percent from 2023 to 2024.

South Korea



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## INDUSTRY SALES

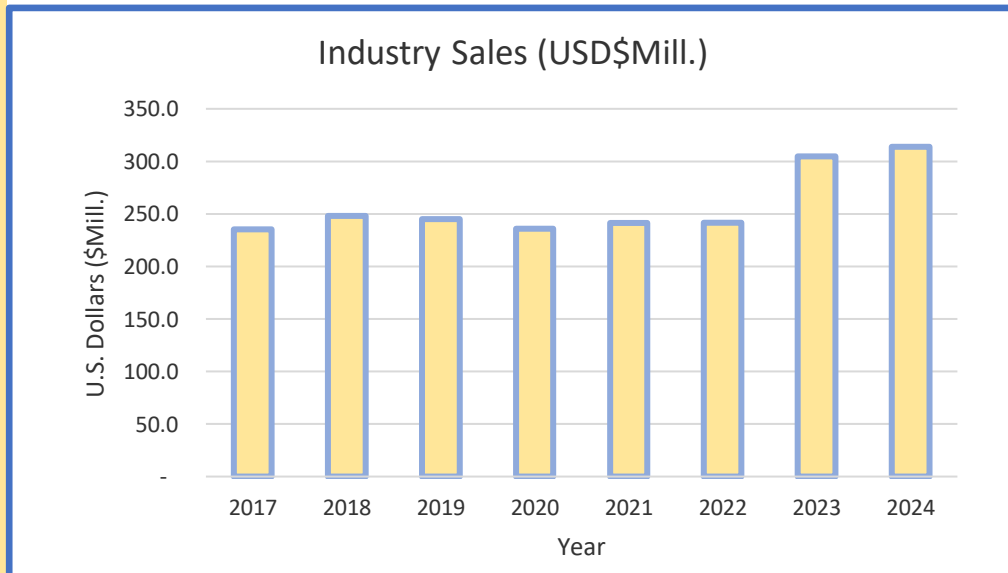
Year	Industry Sales (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	235.5		
2018	248.0	2017-2018	5.3%
2019	245.2	2018-2019	-1.1%
2020	235.9	2019-2020	-3.8%
2021	241.4	2020-2021	2.3%
2022	241.6	2021-2022	0.1%
2023	304.8	2022-2023	26.2%
2024	313.5	2023-2024	2.9%
2029	362.1	CAGR 2024-2029	15.5%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Malaysia

The Gasket, Packing, And Sealing Device Manufacturing Industry is forecast to be \$304.8 million dollars in 2023 and to change by 26.2 percent from 2022 to 2023 in Malaysia.

The industry will be \$313.5 million dollars in 2024 and is forecast to change by 2.9 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## VALUE ADDED

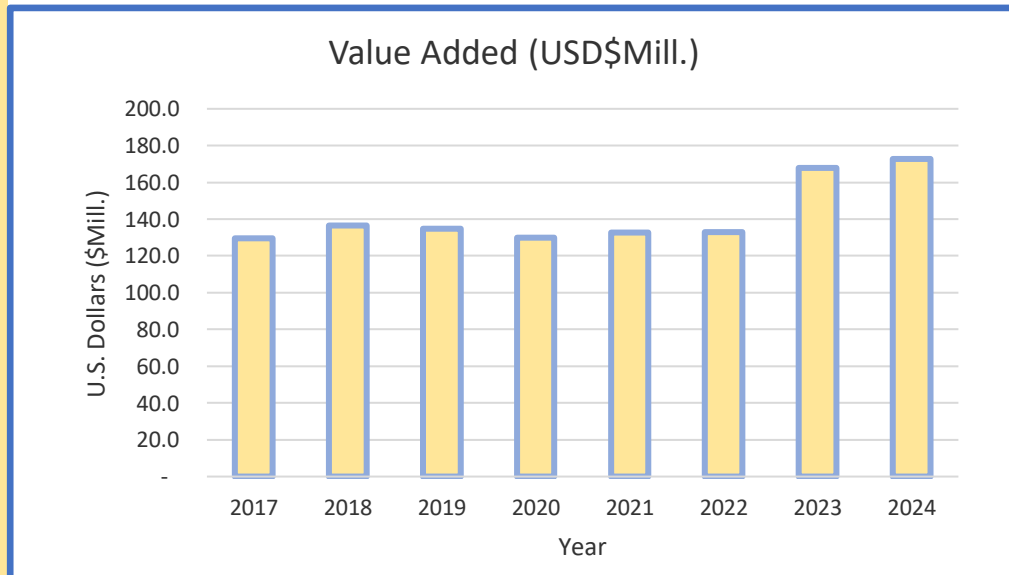
Year	Value Added (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	129.6		
2018	136.5	2017-2018	5.3%
2019	135.0	2018-2019	-1.1%
2020	129.8	2019-2020	-3.8%
2021	132.9	2020-2021	2.3%
2022	132.9	2021-2022	0.1%
2023	167.7	2022-2023	26.2%
2024	172.6	2023-2024	2.9%
2029	199.3	CAGR 2024-2029	15.5%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Malaysia

The Gasket, Packing, And Sealing Device Manufacturing Industry value added will be \$304.8 million dollars in 2023 and to change by 26.2 percent from 2022 to 2023 in Malaysia.

The value added will be \$313.5 million dollars in 2024 and is forecast to change by 2.9 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## INTERMEDIATE INPUTS

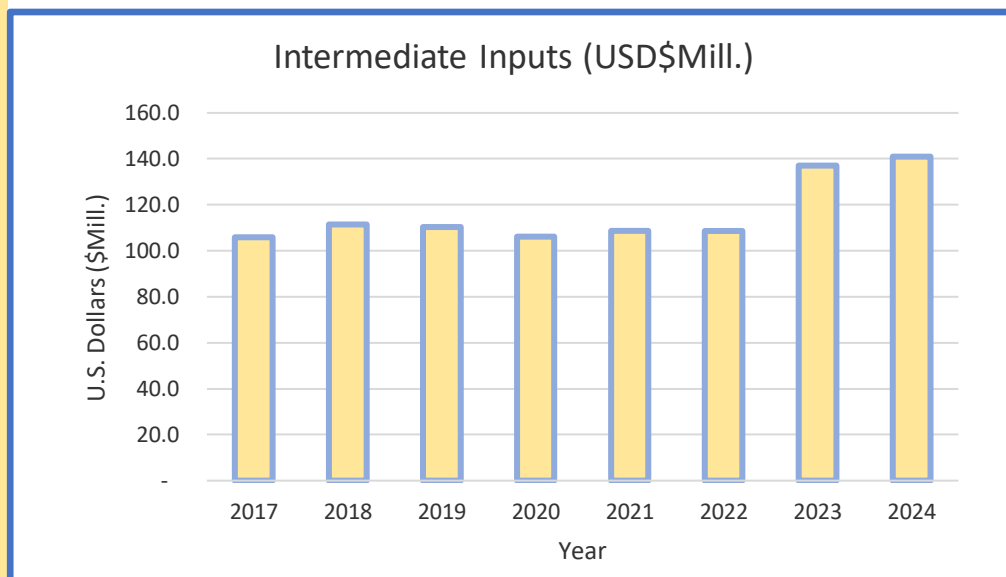
Intermediate Inputs (USD\$Mill.)			
Year	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	105.9		
2018	111.5	2017-2018	5.3%
2019	110.3	2018-2019	-1.1%
2020	106.1	2019-2020	-3.8%
2021	108.6	2020-2021	2.3%
2022	108.6	2021-2022	0.1%
2023	137.0	2022-2023	26.2%
2024	141.0	2023-2024	2.9%
2029	162.8	CAGR 2024-2029	15.5%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Malaysia

The Gasket, Packing, And Sealing Device Manufacturing Industry intermediate inputs will be \$304.8 million dollars in 2023 and to change by 26.2 percent from 2022 to 2023 in Malaysia.

The intermediate inputs will be \$313.5 million dollars in 2024 and is forecast to change by 2.9 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## GROSS OPERATING SURPLUS

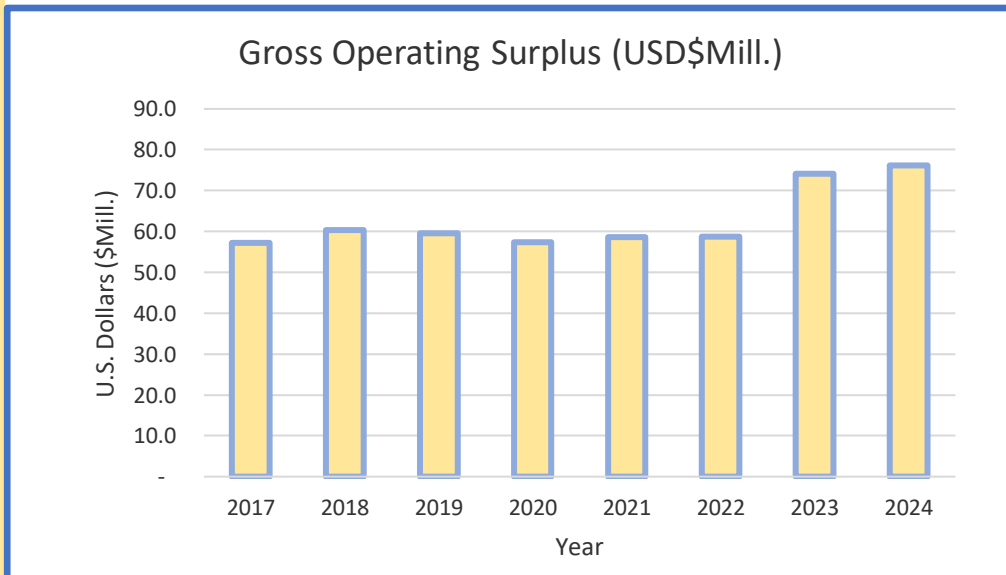
Gross Operating Surplus (USD\$Mill.)			
Year	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	57.3		
2018	60.3	2017-2018	5.3%
2019	59.6	2018-2019	-1.1%
2020	57.4	2019-2020	-3.8%
2021	58.7	2020-2021	2.3%
2022	58.7	2021-2022	0.1%
2023	74.1	2022-2023	26.2%
2024	76.2	2023-2024	2.9%
2029	88.0	CAGR 2024-2029	15.5%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Malaysia

The Gasket, Packing, And Sealing Device Manufacturing Industry gross operating surplus will be \$304.8 million dollars in 2023 and to change by 26.2 percent from 2022 to 2023 in Malaysia.

The gross operating surplus will be \$313.5 million dollars in 2024 and is forecast to change by 2.9 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## INDUSTRY SALES

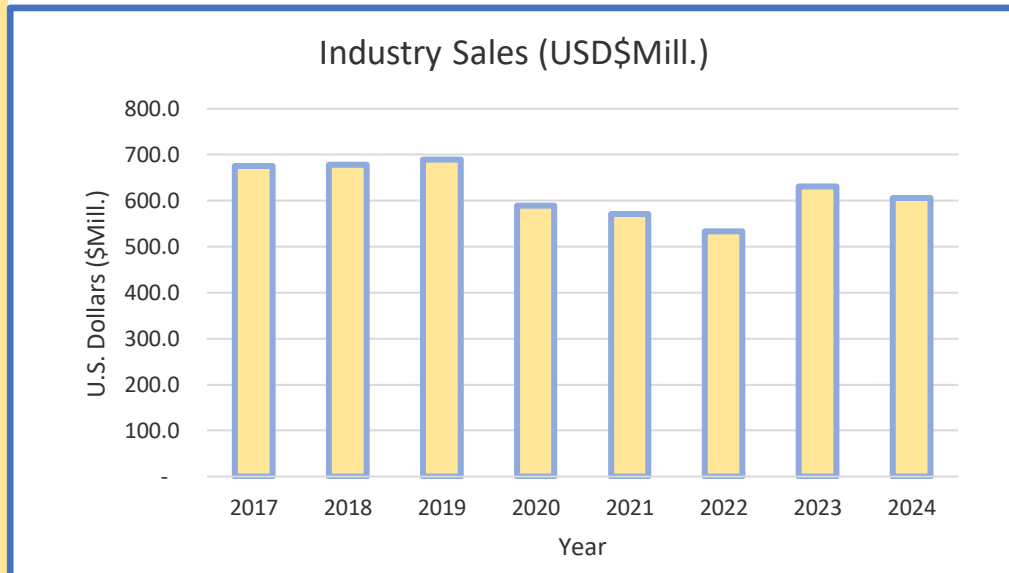
Year	Industry Sales (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	675.1		
2018	678.1	2017-2018	0.5%
2019	689.5	2018-2019	1.7%
2020	589.0	2019-2020	-14.6%
2021	571.5	2020-2021	-3.0%
2022	533.4	2021-2022	-6.7%
2023	631.0	2022-2023	18.3%
2024	605.9	2023-2024	-4.0%
2029	535.5	CAGR 2024-2029	-11.6%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Mexico

The Gasket, Packing, And Sealing Device Manufacturing Industry is forecast to be \$631.0 million dollars in 2023 and to change by 18.3 percent from 2022 to 2023 in Mexico.

The industry will be \$605.9 million dollars in 2024 and is forecast to change by -4 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## VALUE ADDED

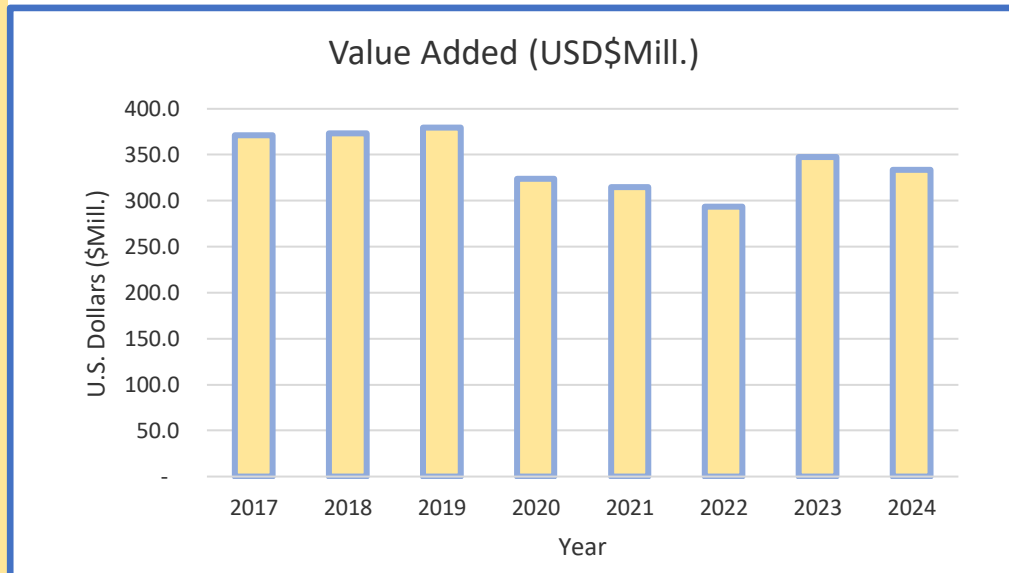
Year	Value Added (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	371.5		
2018	373.2	2017-2018	0.5%
2019	379.5	2018-2019	1.7%
2020	324.1	2019-2020	-14.6%
2021	314.5	2020-2021	-3.0%
2022	293.6	2021-2022	-6.7%
2023	347.3	2022-2023	18.3%
2024	333.5	2023-2024	-4.0%
2029	294.7	CAGR 2024-2029	-11.6%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Mexico

The Gasket, Packing, And Sealing Device Manufacturing Industry value added will be \$631.0 million dollars in 2023 and to change by 18.3 percent from 2022 to 2023 in Mexico.

The value added will be \$605.9 million dollars in 2024 and is forecast to change by -4 percent from 2023 to 2024.



Source: Wharry Sharpe Research



# Gasket, Packing, And Sealing Device Manufacturing Industry

## INTERMEDIATE INPUTS

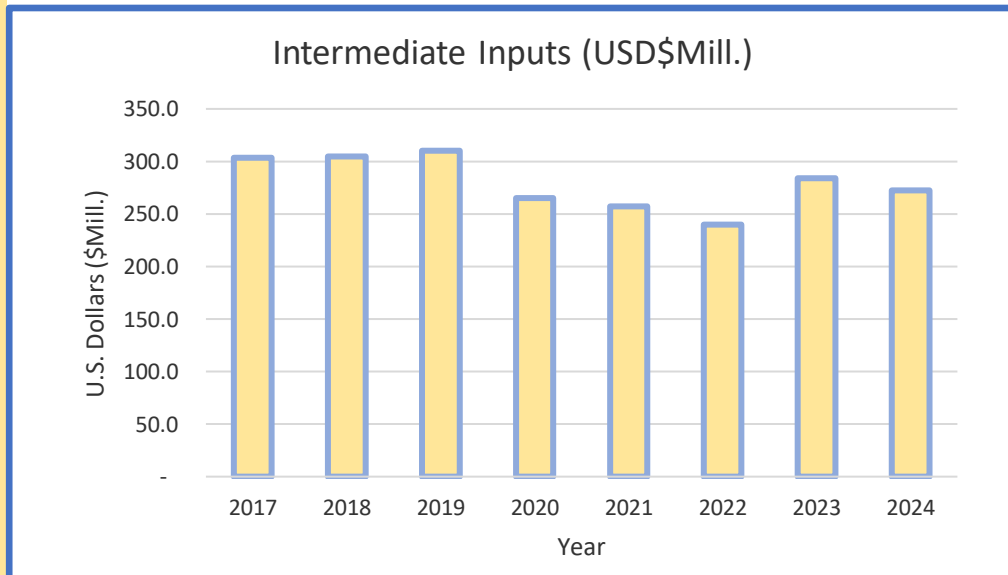
Intermediate Inputs (USD\$Mill.)			
Year	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	303.5		
2018	304.9	2017-2018	0.5%
2019	310.1	2018-2019	1.7%
2020	264.8	2019-2020	-14.6%
2021	257.0	2020-2021	-3.0%
2022	239.9	2021-2022	-6.7%
2023	283.7	2022-2023	18.3%
2024	272.5	2023-2024	-4.0%
2029	240.8	CAGR 2024-2029	-11.6%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Mexico

The Gasket, Packing, And Sealing Device Manufacturing Industry intermediate inputs will be \$631.0 million dollars in 2023 and to change by 18.3 percent from 2022 to 2023 in Mexico.

The intermediate inputs will be \$605.9 million dollars in 2024 and is forecast to change by -4 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## GROSS OPERATING SURPLUS

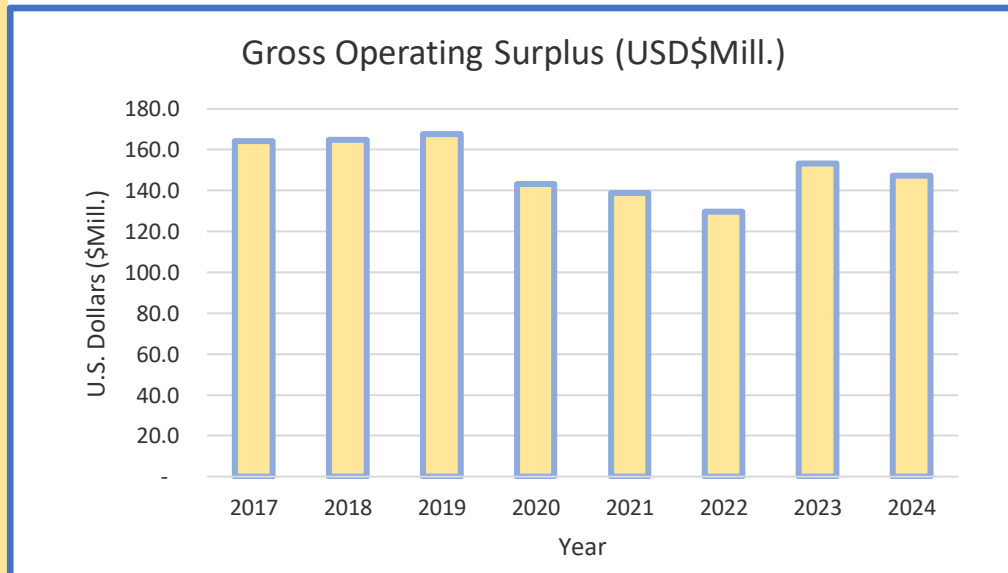
Gross Operating Surplus (USD\$Mill.)			
Year	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	164.1		
2018	164.9	2017-2018	0.5%
2019	167.6	2018-2019	1.7%
2020	143.2	2019-2020	-14.6%
2021	138.9	2020-2021	-3.0%
2022	129.7	2021-2022	-6.7%
2023	153.4	2022-2023	18.3%
2024	147.3	2023-2024	-4.0%
2029	130.2	CAGR 2024-2029	-11.6%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Mexico

The Gasket, Packing, And Sealing Device Manufacturing Industry gross operating surplus will be \$631.0 million dollars in 2023 and to change by 18.3 percent from 2022 to 2023 in Mexico.

The gross operating surplus will be \$605.9 million dollars in 2024 and is forecast to change by -4 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## INDUSTRY SALES

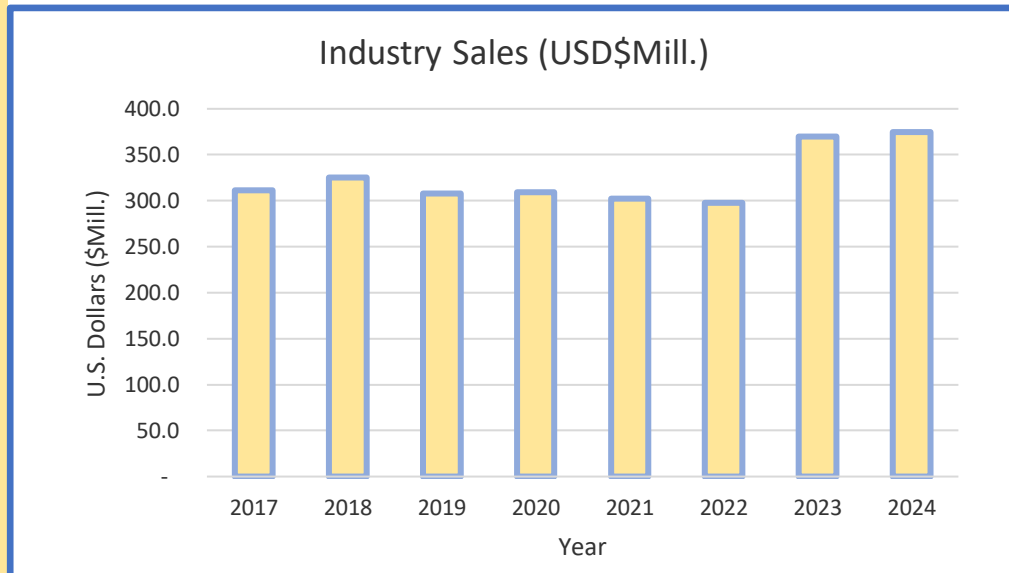
Year	Industry Sales (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	311.4		
2018	325.6	2017-2018	4.6%
2019	307.5	2018-2019	-5.5%
2020	309.1	2019-2020	0.5%
2021	302.0	2020-2021	-2.3%
2022	297.8	2021-2022	-1.4%
2023	369.7	2022-2023	24.2%
2024	374.7	2023-2024	1.3%
2029	393.4	CAGR 2024-2029	5.0%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

The Gasket, Packing, And Sealing Device Manufacturing Industry is forecast to be \$369.7 million dollars in 2023 and to change by 24.2 percent from 2022 to 2023 in Netherlands.

The industry will be \$374.7 million dollars in 2024 and is forecast to change by 1.3 percent from 2023 to 2024.

Netherlands



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## VALUE ADDED

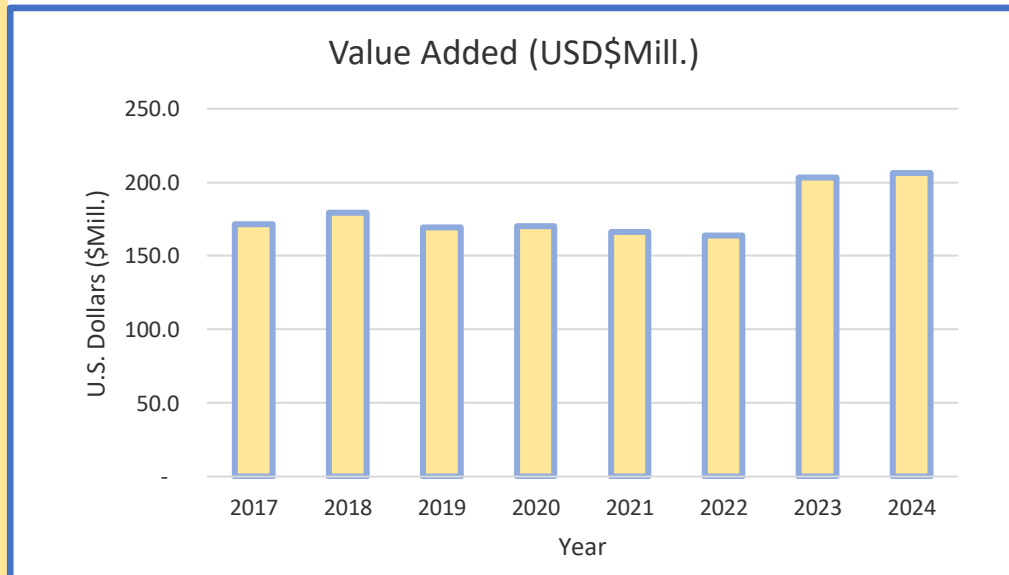
Year	Value Added (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	171.4		
2018	179.2	2017-2018	4.6%
2019	169.2	2018-2019	-5.5%
2020	170.1	2019-2020	0.5%
2021	166.2	2020-2021	-2.3%
2022	163.9	2021-2022	-1.4%
2023	203.5	2022-2023	24.2%
2024	206.2	2023-2024	1.3%
2029	216.5	CAGR 2024-2029	5.0%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

The Gasket, Packing, And Sealing Device Manufacturing Industry value added will be \$369.7 million dollars in 2023 and to change by 24.2 percent from 2022 to 2023 in Netherlands.

The value added will be \$374.7 million dollars in 2024 and is forecast to change by 1.3 percent from 2023 to 2024.

Netherlands



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## INTERMEDIATE INPUTS

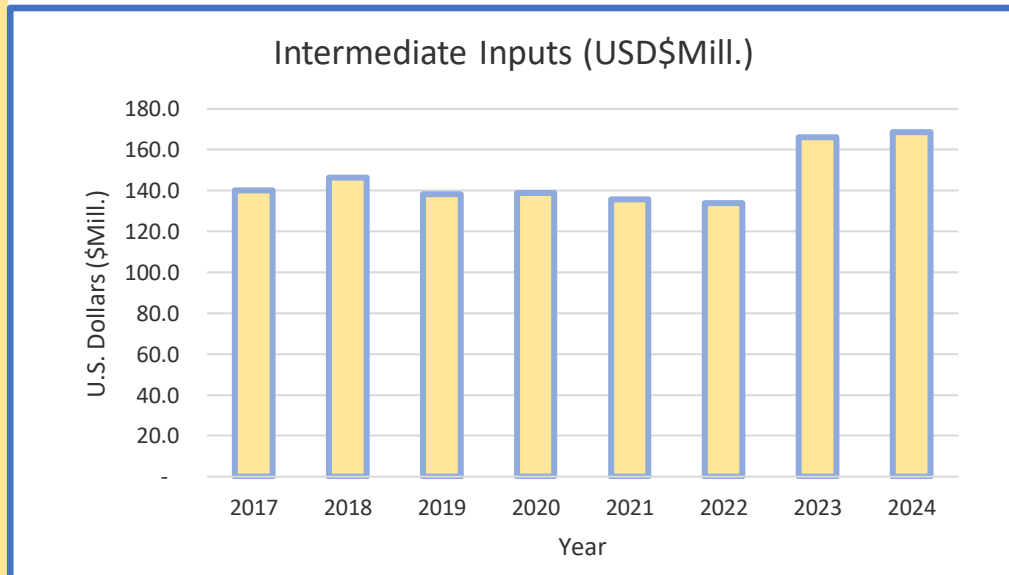
Year	Intermediate Inputs (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	140.0		
2018	146.4	2017-2018	4.6%
2019	138.3	2018-2019	-5.5%
2020	139.0	2019-2020	0.5%
2021	135.8	2020-2021	-2.3%
2022	133.9	2021-2022	-1.4%
2023	166.2	2022-2023	24.2%
2024	168.5	2023-2024	1.3%
2029	176.9	CAGR 2024-2029	5.0%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

The Gasket, Packing, And Sealing Device Manufacturing Industry intermediate inputs will be \$369.7 million dollars in 2023 and to change by 24.2 percent from 2022 to 2023 in Netherlands.

The intermediate inputs will be \$374.7 million dollars in 2024 and is forecast to change by 1.3 percent from 2023 to 2024.

Netherlands



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## GROSS OPERATING SURPLUS

Gross Operating Surplus (USD\$Mill.)			
Year	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	75.7		
2018	79.2	2017-2018	4.6%
2019	74.8	2018-2019	-5.5%
2020	75.2	2019-2020	0.5%
2021	73.4	2020-2021	-2.3%
2022	72.4	2021-2022	-1.4%
2023	89.9	2022-2023	24.2%
2024	91.1	2023-2024	1.3%
2029	95.7	CAGR 2024-2029	5.0%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

The Gasket, Packing, And Sealing Device Manufacturing Industry gross operating surplus will be \$369.7 million dollars in 2023 and to change by 24.2 percent from 2022 to 2023 in Netherlands.

The gross operating surplus will be \$374.7 million dollars in 2024 and is forecast to change by 1.3 percent from 2023 to 2024.

Netherlands



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## INDUSTRY SALES

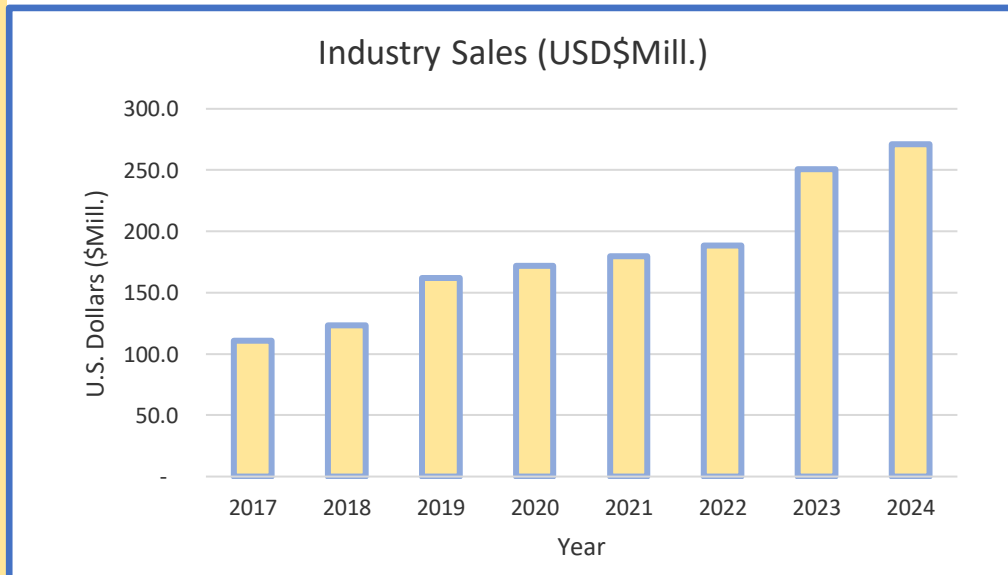
Year	Industry Sales (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	111.0		
2018	123.2	2017-2018	11.0%
2019	161.9	2018-2019	31.4%
2020	172.1	2019-2020	6.3%
2021	179.5	2020-2021	4.3%
2022	188.5	2021-2022	5.0%
2023	250.8	2022-2023	33.1%
2024	270.9	2023-2024	8.0%
2029	435.0	CAGR 2024-2029	60.6%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Nigeria

The Gasket, Packing, And Sealing Device Manufacturing Industry is forecast to be \$250.8 million dollars in 2023 and to change by 33.1 percent from 2022 to 2023 in Nigeria.

The industry will be \$270.9 million dollars in 2024 and is forecast to change by 8 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## VALUE ADDED

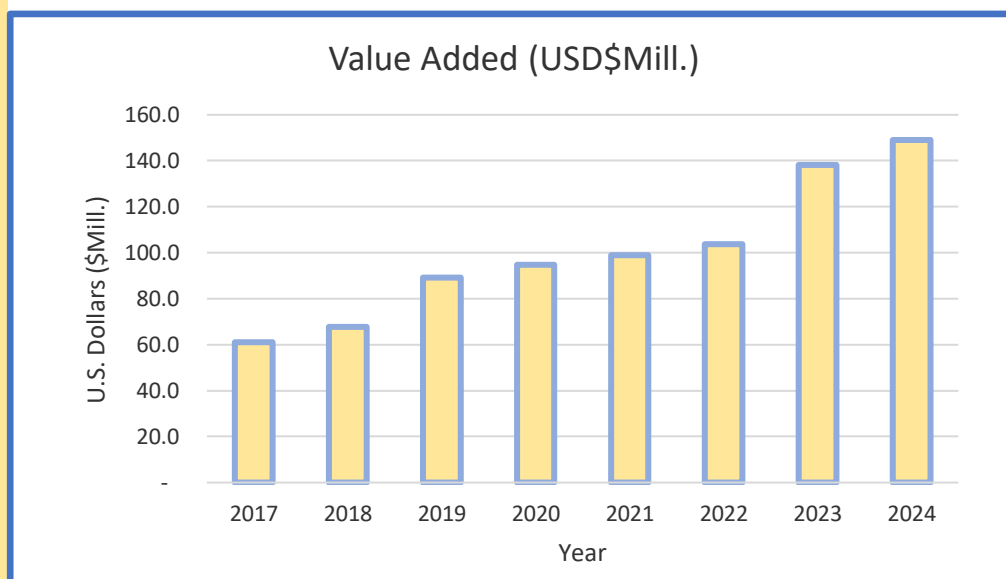
Year	Value Added (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	61.1		
2018	67.8	2017-2018	11.0%
2019	89.1	2018-2019	31.4%
2020	94.7	2019-2020	6.3%
2021	98.8	2020-2021	4.3%
2022	103.7	2021-2022	5.0%
2023	138.0	2022-2023	33.1%
2024	149.1	2023-2024	8.0%
2029	239.4	CAGR 2024-2029	60.6%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Nigeria

The Gasket, Packing, And Sealing Device Manufacturing Industry value added will be \$250.8 million dollars in 2023 and to change by 33.1 percent from 2022 to 2023 in Nigeria.

The value added will be \$270.9 million dollars in 2024 and is forecast to change by 8 percent from 2023 to 2024.



Source: Wharry Sharpe Research



# Gasket, Packing, And Sealing Device Manufacturing Industry

## INTERMEDIATE INPUTS

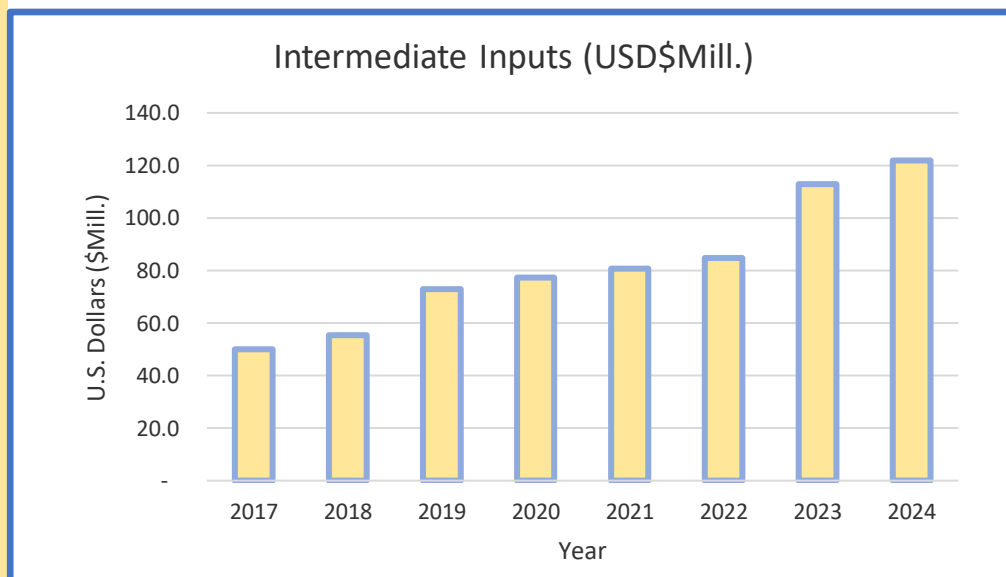
Intermediate Inputs (USD\$Mill.)			
Year	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	49.9		
2018	55.4	2017-2018	11.0%
2019	72.8	2018-2019	31.4%
2020	77.4	2019-2020	6.3%
2021	80.7	2020-2021	4.3%
2022	84.7	2021-2022	5.0%
2023	112.8	2022-2023	33.1%
2024	121.8	2023-2024	8.0%
2029	195.6	CAGR 2024-2029	60.6%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Nigeria

The Gasket, Packing, And Sealing Device Manufacturing Industry intermediate inputs will be \$250.8 million dollars in 2023 and to change by 33.1 percent from 2022 to 2023 in Nigeria.

The intermediate inputs will be \$270.9 million dollars in 2024 and is forecast to change by 8 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## GROSS OPERATING SURPLUS

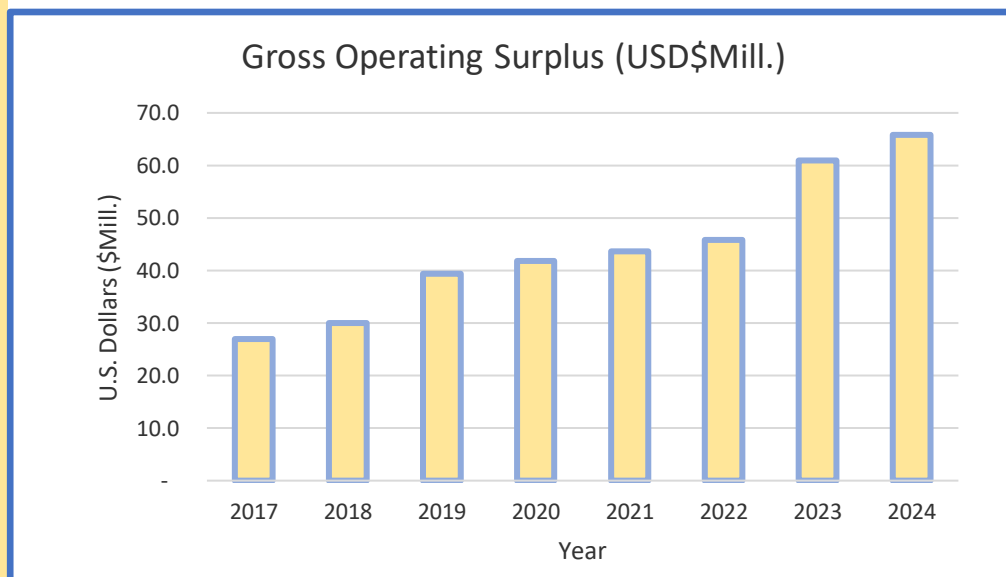
Gross Operating Surplus (USD\$Mill.)			
Year	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	27.0		
2018	30.0	2017-2018	11.0%
2019	39.4	2018-2019	31.4%
2020	41.8	2019-2020	6.3%
2021	43.6	2020-2021	4.3%
2022	45.8	2021-2022	5.0%
2023	61.0	2022-2023	33.1%
2024	65.9	2023-2024	8.0%
2029	105.8	CAGR 2024-2029	60.6%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Nigeria

The Gasket, Packing, And Sealing Device Manufacturing Industry gross operating surplus will be \$250.8 million dollars in 2023 and to change by 33.1 percent from 2022 to 2023 in Nigeria.

The gross operating surplus will be \$270.9 million dollars in 2024 and is forecast to change by 8 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## INDUSTRY SALES

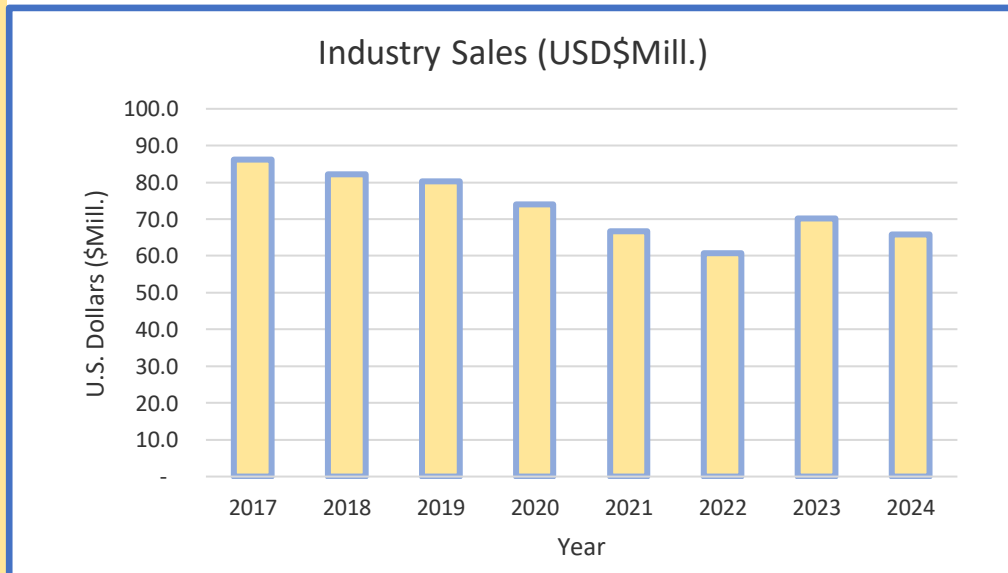
Year	Industry Sales (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	86.1		
2018	82.1	2017-2018	-4.7%
2019	80.3	2018-2019	-2.3%
2020	74.1	2019-2020	-7.7%
2021	66.7	2020-2021	-10.0%
2022	60.7	2021-2022	-8.9%
2023	70.2	2022-2023	15.5%
2024	65.8	2023-2024	-6.3%
2029	52.7	CAGR 2024-2029	-19.9%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Norway

The Gasket, Packing, And Sealing Device Manufacturing Industry is forecast to be \$70.2 million dollars in 2023 and to change by 15.5 percent from 2022 to 2023 in Norway.

The industry will be \$65.8 million dollars in 2024 and is forecast to change by -6.3 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## VALUE ADDED

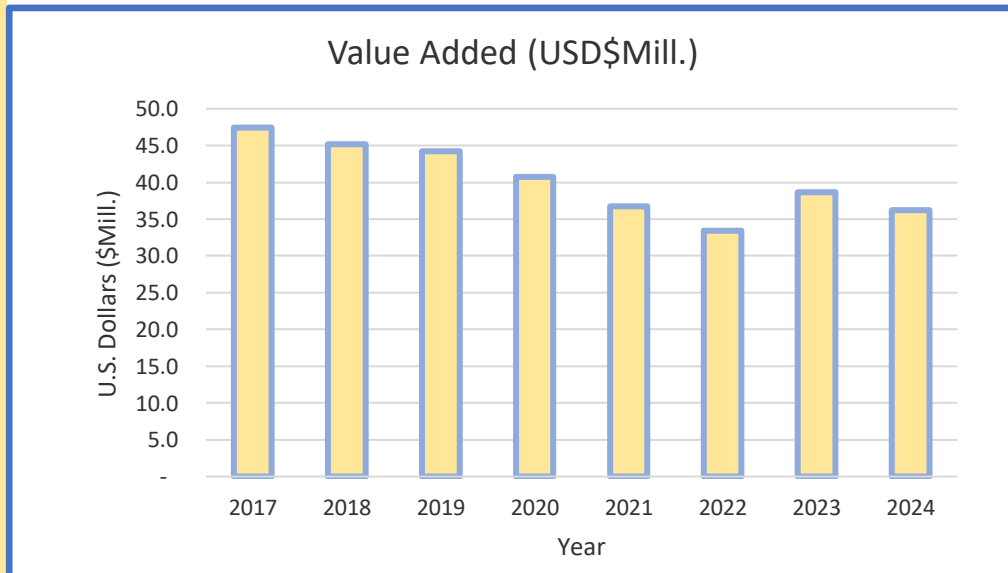
Year	Value Added (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	47.4		
2018	45.2	2017-2018	-4.7%
2019	44.2	2018-2019	-2.3%
2020	40.8	2019-2020	-7.7%
2021	36.7	2020-2021	-10.0%
2022	33.4	2021-2022	-8.9%
2023	38.6	2022-2023	15.5%
2024	36.2	2023-2024	-6.3%
2029	29.0	CAGR 2024-2029	-19.9%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Norway

The Gasket, Packing, And Sealing Device Manufacturing Industry value added will be \$70.2 million dollars in 2023 and to change by 15.5 percent from 2022 to 2023 in Norway.

The value added will be \$65.8 million dollars in 2024 and is forecast to change by -6.3 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## INTERMEDIATE INPUTS

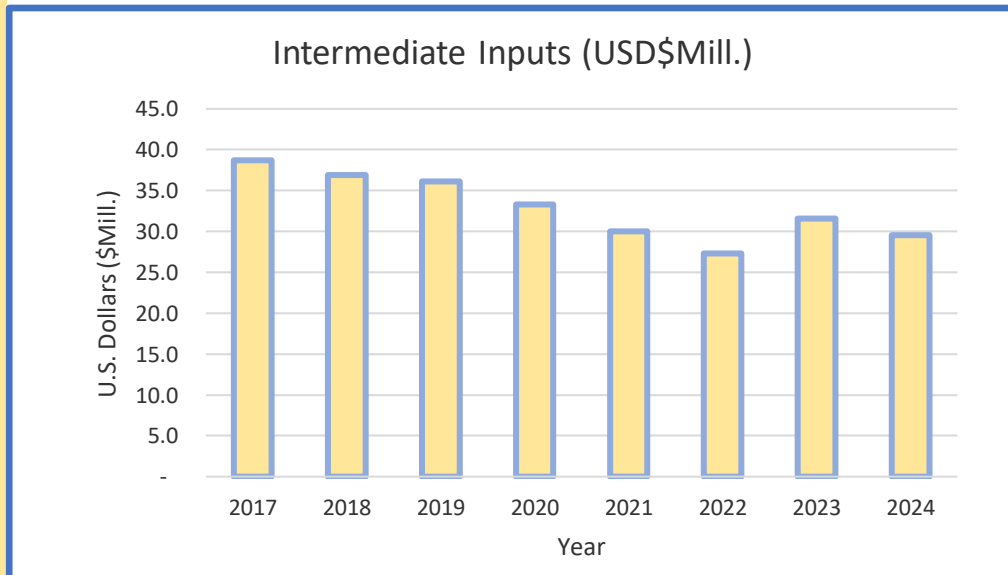
Year	Intermediate Inputs (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	38.7		
2018	36.9	2017-2018	-4.7%
2019	36.1	2018-2019	-2.3%
2020	33.3	2019-2020	-7.7%
2021	30.0	2020-2021	-10.0%
2022	27.3	2021-2022	-8.9%
2023	31.6	2022-2023	15.5%
2024	29.6	2023-2024	-6.3%
2029	23.7	CAGR 2024-2029	-19.9%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Norway

The Gasket, Packing, And Sealing Device Manufacturing Industry intermediate inputs will be \$70.2 million dollars in 2023 and to change by 15.5 percent from 2022 to 2023 in Norway.

The intermediate inputs will be \$65.8 million dollars in 2024 and is forecast to change by -6.3 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## GROSS OPERATING SURPLUS

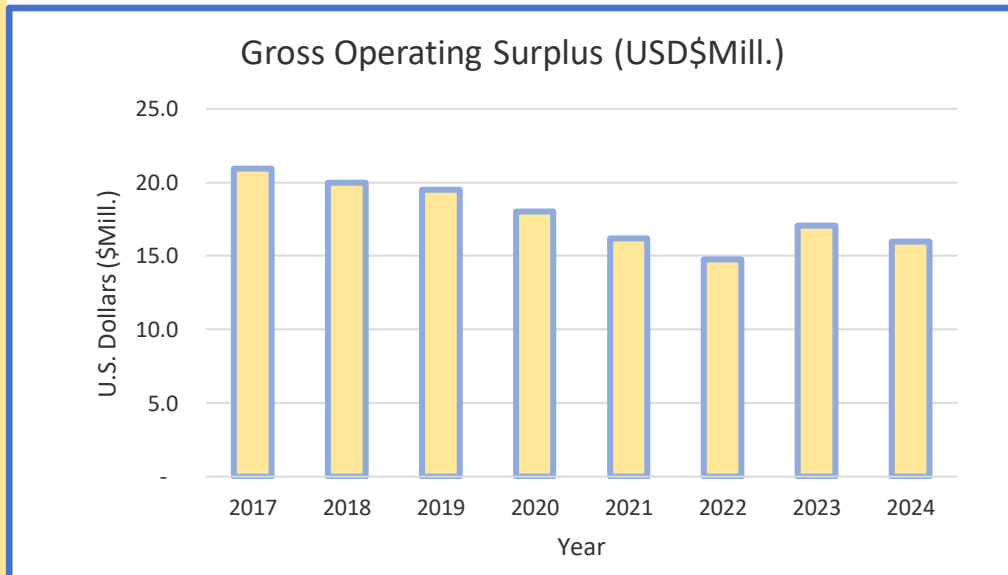
Gross Operating Surplus (USD\$Mill.)			
Year	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	20.9		
2018	20.0	2017-2018	-4.7%
2019	19.5	2018-2019	-2.3%
2020	18.0	2019-2020	-7.7%
2021	16.2	2020-2021	-10.0%
2022	14.8	2021-2022	-8.9%
2023	17.1	2022-2023	15.5%
2024	16.0	2023-2024	-6.3%
2029	12.8	CAGR 2024-2029	-19.9%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Norway

The Gasket, Packing, And Sealing Device Manufacturing Industry gross operating surplus will be \$70.2 million dollars in 2023 and to change by 15.5 percent from 2022 to 2023 in Norway.

The gross operating surplus will be \$65.8 million dollars in 2024 and is forecast to change by -6.3 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## INDUSTRY SALES

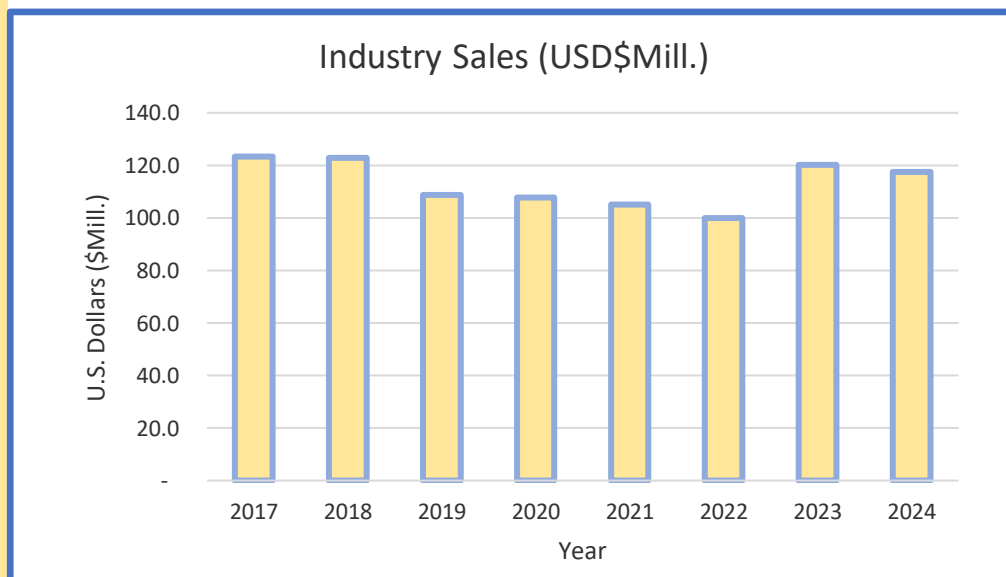
Year	Industry Sales (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	123.5		
2018	122.9	2017-2018	-0.4%
2019	108.7	2018-2019	-11.6%
2020	107.8	2019-2020	-0.9%
2021	105.1	2020-2021	-2.4%
2022	99.9	2021-2022	-4.9%
2023	120.2	2022-2023	20.3%
2024	117.5	2023-2024	-2.2%
2029	110.2	CAGR 2024-2029	-6.2%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Pakistan

The Gasket, Packing, And Sealing Device Manufacturing Industry is forecast to be \$120.2 million dollars in 2023 and to change by 20.3 percent from 2022 to 2023 in Pakistan.

The industry will be \$117.5 million dollars in 2024 and is forecast to change by -2.2 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## VALUE ADDED

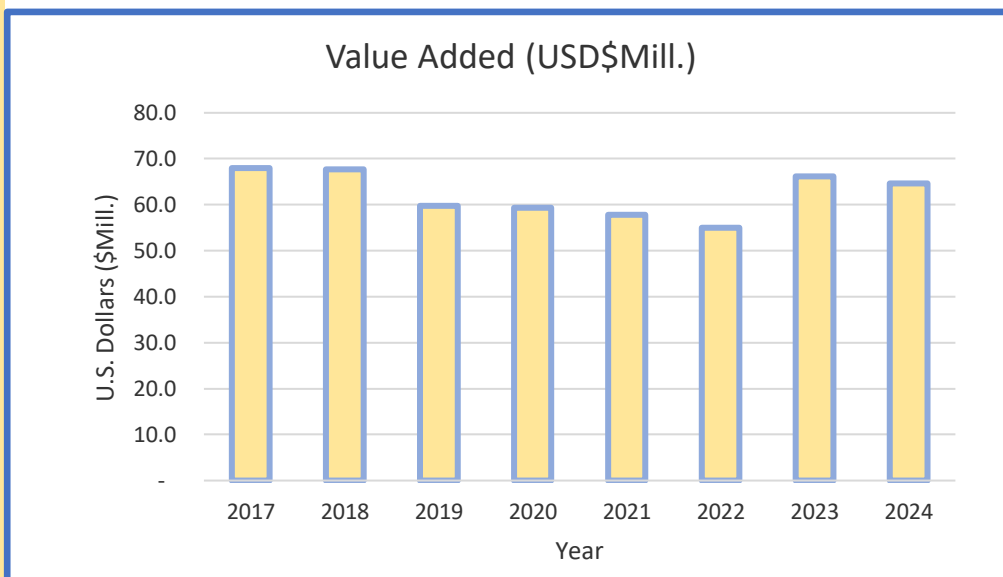
Year	Value Added (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	67.9		
2018	67.6	2017-2018	-0.4%
2019	59.8	2018-2019	-11.6%
2020	59.3	2019-2020	-0.9%
2021	57.9	2020-2021	-2.4%
2022	55.0	2021-2022	-4.9%
2023	66.1	2022-2023	20.3%
2024	64.7	2023-2024	-2.2%
2029	60.7	CAGR 2024-2029	-6.2%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Pakistan

The Gasket, Packing, And Sealing Device Manufacturing Industry value added will be \$120.2 million dollars in 2023 and to change by 20.3 percent from 2022 to 2023 in Pakistan.

The value added will be \$117.5 million dollars in 2024 and is forecast to change by -2.2 percent from 2023 to 2024.



Source: Wharry Sharpe Research



# Gasket, Packing, And Sealing Device Manufacturing Industry

## INTERMEDIATE INPUTS

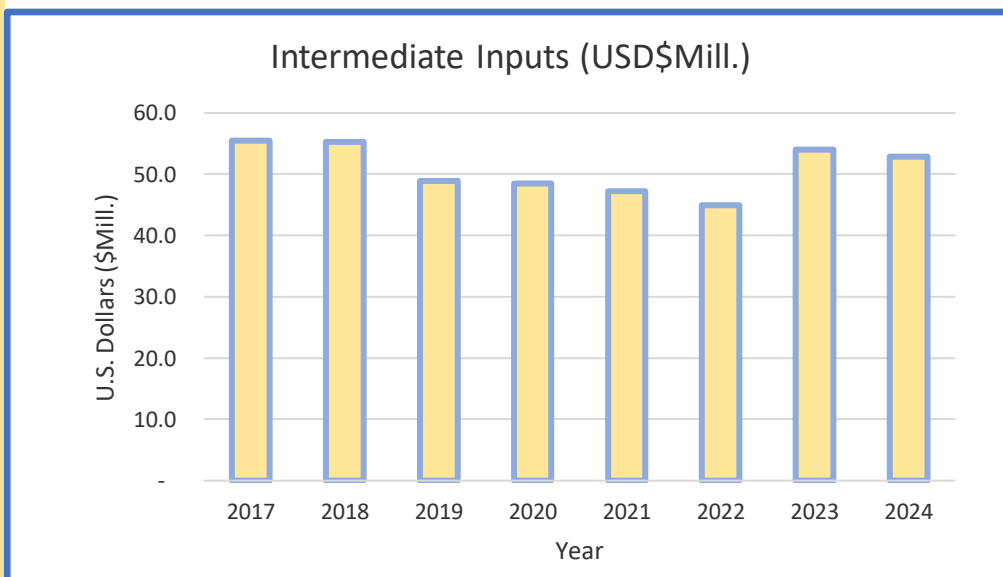
Year	Intermediate Inputs (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	55.5		
2018	55.3	2017-2018	-0.4%
2019	48.9	2018-2019	-11.6%
2020	48.5	2019-2020	-0.9%
2021	47.3	2020-2021	-2.4%
2022	44.9	2021-2022	-4.9%
2023	54.0	2022-2023	20.3%
2024	52.8	2023-2024	-2.2%
2029	49.6	CAGR 2024-2029	-6.2%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Pakistan

The Gasket, Packing, And Sealing Device Manufacturing Industry intermediate inputs will be \$120.2 million dollars in 2023 and to change by 20.3 percent from 2022 to 2023 in Pakistan.

The intermediate inputs will be \$117.5 million dollars in 2024 and is forecast to change by -2.2 percent from 2023 to 2024.



Source: Wharry Sharpe Research

## Gasket, Packing, And Sealing Device Manufacturing Industry

### GROSS OPERATING SURPLUS

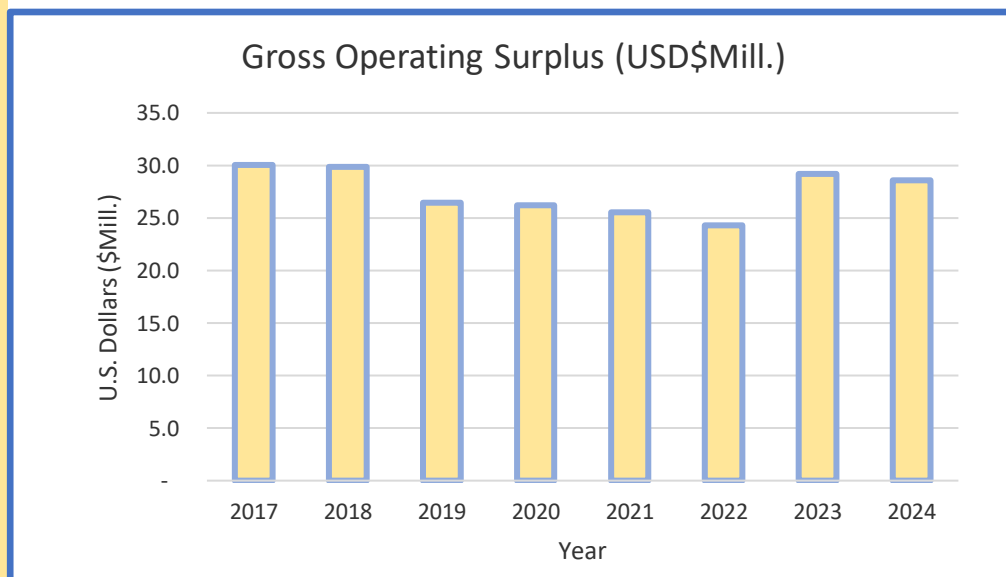
Gross Operating Surplus (USD\$Mill.)			
Year	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	30.0		
2018	29.9	2017-2018	-0.4%
2019	26.4	2018-2019	-11.6%
2020	26.2	2019-2020	-0.9%
2021	25.6	2020-2021	-2.4%
2022	24.3	2021-2022	-4.9%
2023	29.2	2022-2023	20.3%
2024	28.6	2023-2024	-2.2%
2029	26.8	CAGR 2024-2029	-6.2%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Pakistan

The Gasket, Packing, And Sealing Device Manufacturing Industry gross operating surplus will be \$120.2 million dollars in 2023 and to change by 20.3 percent from 2022 to 2023 in Pakistan.

The gross operating surplus will be \$117.5 million dollars in 2024 and is forecast to change by -2.2 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## INDUSTRY SALES

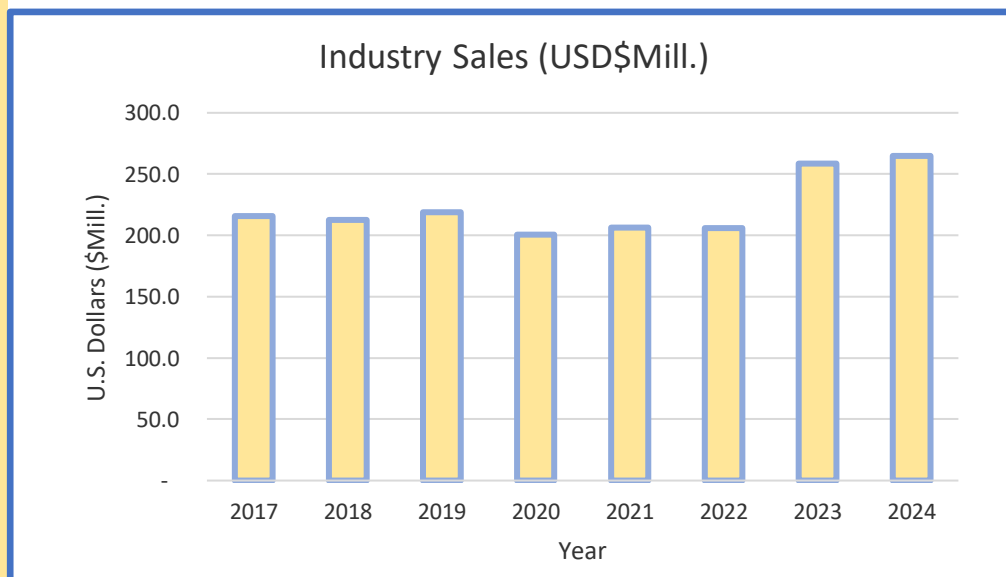
Year	Industry Sales (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	215.9		
2018	212.4	2017-2018	-1.6%
2019	218.8	2018-2019	3.0%
2020	200.7	2019-2020	-8.3%
2021	206.5	2020-2021	2.9%
2022	206.0	2021-2022	-0.3%
2023	258.4	2022-2023	25.5%
2024	264.9	2023-2024	2.5%
2029	288.2	CAGR 2024-2029	8.8%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

The Gasket, Packing, And Sealing Device Manufacturing Industry is forecast to be \$258.4 million dollars in 2023 and to change by 25.5 percent from 2022 to 2023 in Philippines.

The industry will be \$264.9 million dollars in 2024 and is forecast to change by 2.5 percent from 2023 to 2024.

Philippines



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## VALUE ADDED

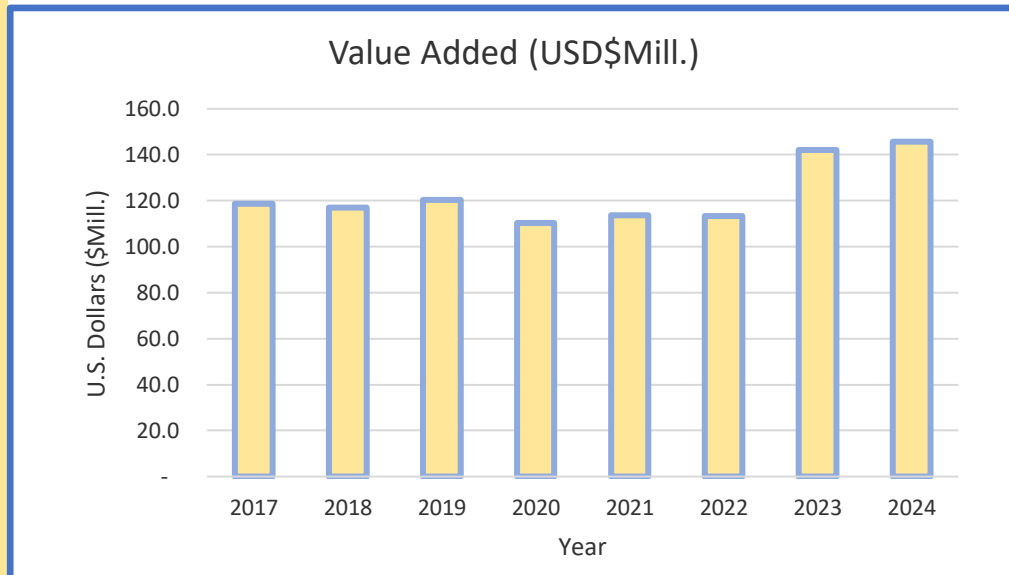
Year	Value Added (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	118.8		
2018	116.9	2017-2018	-1.6%
2019	120.4	2018-2019	3.0%
2020	110.5	2019-2020	-8.3%
2021	113.7	2020-2021	2.9%
2022	113.3	2021-2022	-0.3%
2023	142.2	2022-2023	25.5%
2024	145.8	2023-2024	2.5%
2029	158.6	CAGR 2024-2029	8.8%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

The Gasket, Packing, And Sealing Device Manufacturing Industry value added will be \$258.4 million dollars in 2023 and to change by 25.5 percent from 2022 to 2023 in Philippines.

The value added will be \$264.9 million dollars in 2024 and is forecast to change by 2.5 percent from 2023 to 2024.

Philippines



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## INTERMEDIATE INPUTS

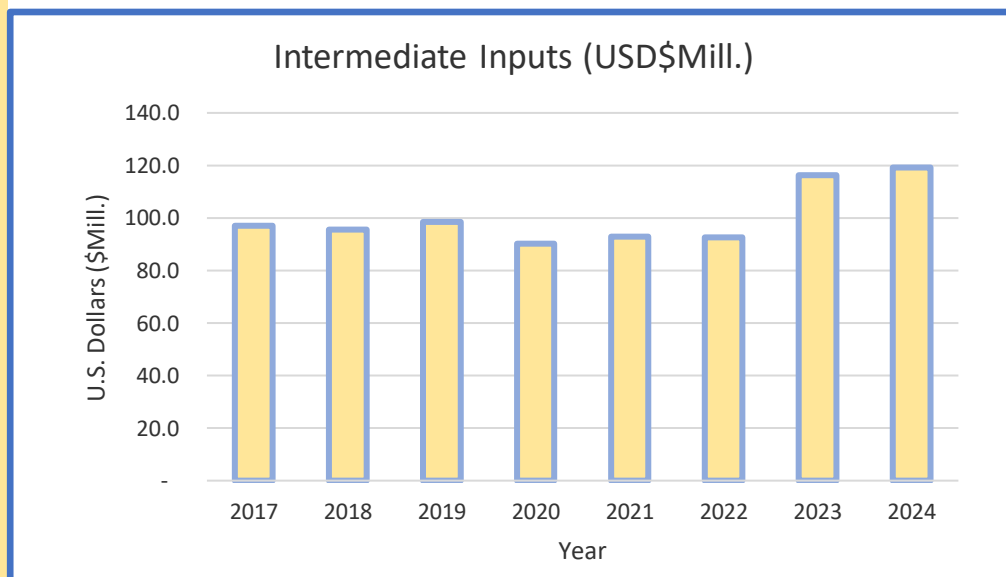
Year	Intermediate Inputs (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	97.1		
2018	95.5	2017-2018	-1.6%
2019	98.4	2018-2019	3.0%
2020	90.3	2019-2020	-8.3%
2021	92.9	2020-2021	2.9%
2022	92.6	2021-2022	-0.3%
2023	116.2	2022-2023	25.5%
2024	119.1	2023-2024	2.5%
2029	129.6	CAGR 2024-2029	8.8%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

The Gasket, Packing, And Sealing Device Manufacturing Industry intermediate inputs will be \$258.4 million dollars in 2023 and to change by 25.5 percent from 2022 to 2023 in Philippines.

The intermediate inputs will be \$264.9 million dollars in 2024 and is forecast to change by 2.5 percent from 2023 to 2024.

Philippines



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## GROSS OPERATING SURPLUS

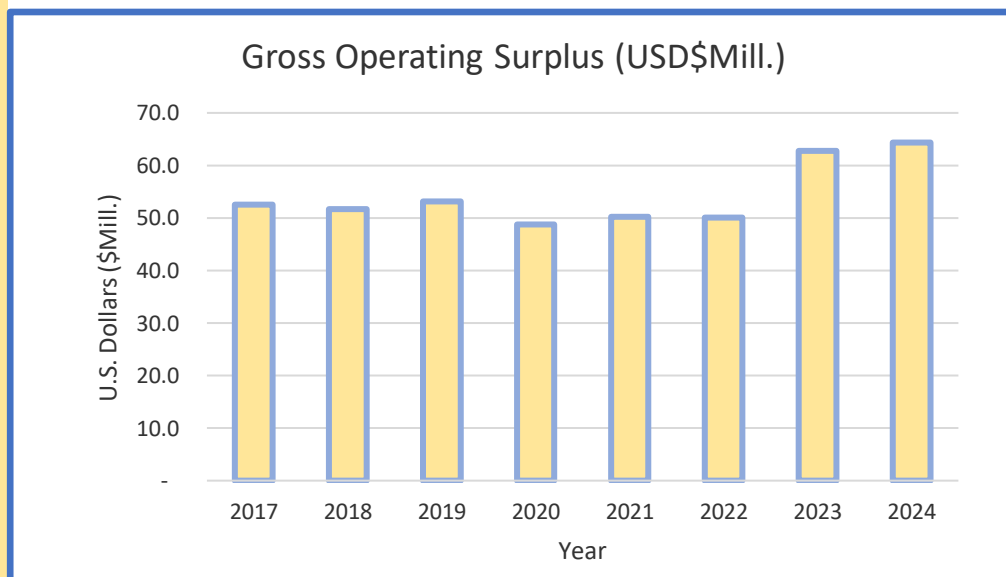
Gross Operating Surplus (USD\$Mill.)			
Year	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	52.5		
2018	51.6	2017-2018	-1.6%
2019	53.2	2018-2019	3.0%
2020	48.8	2019-2020	-8.3%
2021	50.2	2020-2021	2.9%
2022	50.1	2021-2022	-0.3%
2023	62.8	2022-2023	25.5%
2024	64.4	2023-2024	2.5%
2029	70.1	CAGR 2024-2029	8.8%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

The Gasket, Packing, And Sealing Device Manufacturing Industry gross operating surplus will be \$258.4 million dollars in 2023 and to change by 25.5 percent from 2022 to 2023 in Philippines.

The gross operating surplus will be \$264.9 million dollars in 2024 and is forecast to change by 2.5 percent from 2023 to 2024.

Philippines



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## INDUSTRY SALES

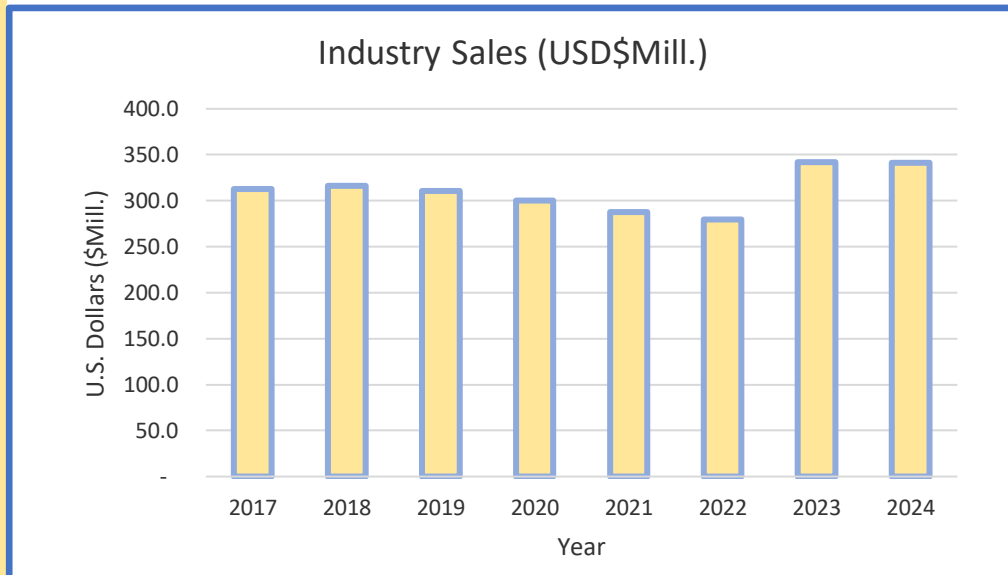
Year	Industry Sales (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	312.8		
2018	316.0	2017-2018	1.0%
2019	310.9	2018-2019	-1.6%
2020	300.4	2019-2020	-3.4%
2021	287.7	2020-2021	-4.2%
2022	279.6	2021-2022	-2.8%
2023	341.9	2022-2023	22.3%
2024	341.6	2023-2024	-0.1%
2029	326.3	CAGR 2024-2029	-4.5%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Poland

The Gasket, Packing, And Sealing Device Manufacturing Industry is forecast to be \$341.9 million dollars in 2023 and to change by 22.3 percent from 2022 to 2023 in Poland.

The industry will be \$341.6 million dollars in 2024 and is forecast to change by -0.1 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## VALUE ADDED

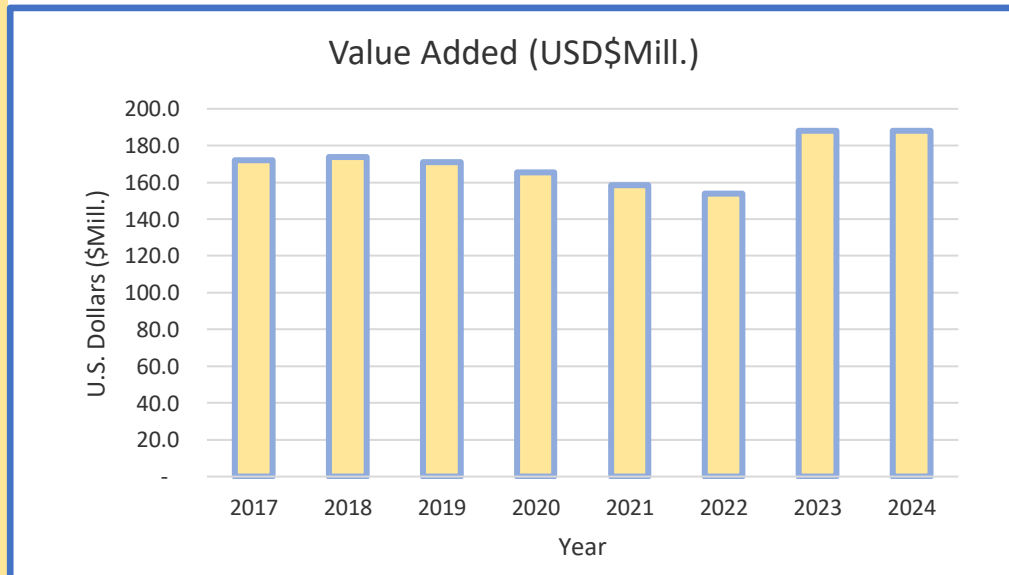
Year	Value Added (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	172.2		
2018	173.9	2017-2018	1.0%
2019	171.1	2018-2019	-1.6%
2020	165.3	2019-2020	-3.4%
2021	158.3	2020-2021	-4.2%
2022	153.9	2021-2022	-2.8%
2023	188.2	2022-2023	22.3%
2024	188.0	2023-2024	-0.1%
2029	179.6	CAGR 2024-2029	-4.5%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Poland

The Gasket, Packing, And Sealing Device Manufacturing Industry value added will be \$341.9 million dollars in 2023 and to change by 22.3 percent from 2022 to 2023 in Poland.

The value added will be \$341.6 million dollars in 2024 and is forecast to change by -0.1 percent from 2023 to 2024.



Source: Wharry Sharpe Research



# Gasket, Packing, And Sealing Device Manufacturing Industry

## INTERMEDIATE INPUTS

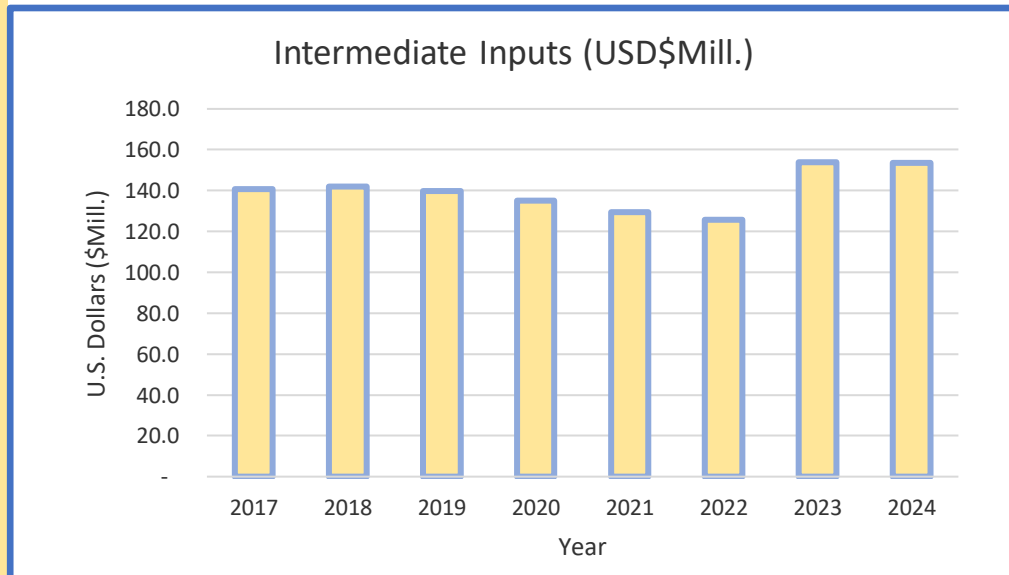
Year	Intermediate Inputs (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	140.7		
2018	142.1	2017-2018	1.0%
2019	139.8	2018-2019	-1.6%
2020	135.1	2019-2020	-3.4%
2021	129.4	2020-2021	-4.2%
2022	125.7	2021-2022	-2.8%
2023	153.7	2022-2023	22.3%
2024	153.6	2023-2024	-0.1%
2029	146.7	CAGR 2024-2029	-4.5%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Poland

The Gasket, Packing, And Sealing Device Manufacturing Industry intermediate inputs will be \$341.9 million dollars in 2023 and to change by 22.3 percent from 2022 to 2023 in Poland.

The intermediate inputs will be \$341.6 million dollars in 2024 and is forecast to change by -0.1 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## GROSS OPERATING SURPLUS

Gross Operating Surplus (USD\$Mill.)			
Year	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	76.1		
2018	76.8	2017-2018	1.0%
2019	75.6	2018-2019	-1.6%
2020	73.0	2019-2020	-3.4%
2021	69.9	2020-2021	-4.2%
2022	68.0	2021-2022	-2.8%
2023	83.1	2022-2023	22.3%
2024	83.0	2023-2024	-0.1%
2029	79.3	CAGR 2024-2029	-4.5%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Poland

The Gasket, Packing, And Sealing Device Manufacturing Industry gross operating surplus will be \$341.9 million dollars in 2023 and to change by 22.3 percent from 2022 to 2023 in Poland.

The gross operating surplus will be \$341.6 million dollars in 2024 and is forecast to change by -0.1 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## INDUSTRY SALES

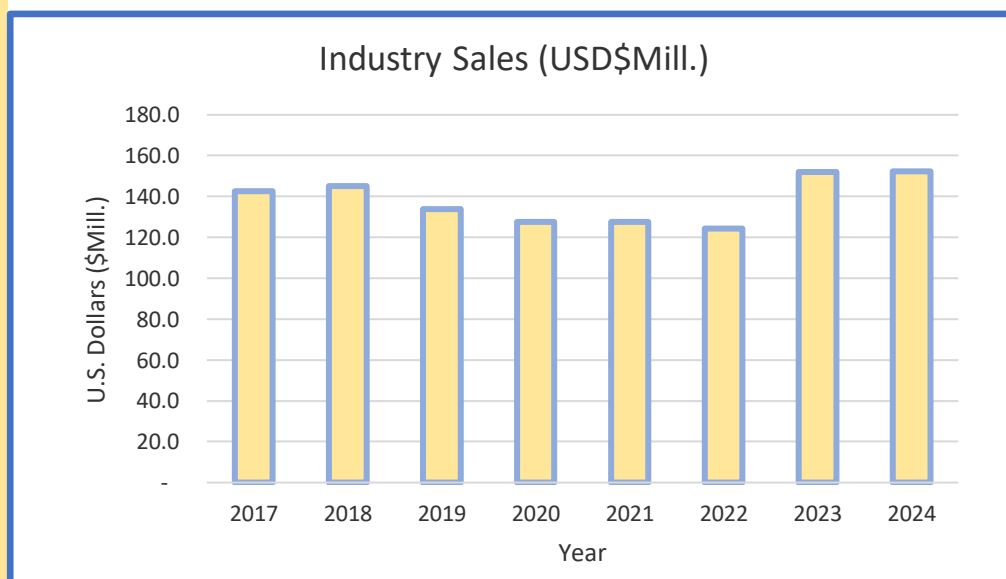
Year	Industry Sales (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	142.6		
2018	145.0	2017-2018	1.7%
2019	133.9	2018-2019	-7.7%
2020	127.5	2019-2020	-4.8%
2021	127.6	2020-2021	0.0%
2022	124.3	2021-2022	-2.5%
2023	152.1	2022-2023	22.4%
2024	152.4	2023-2024	0.2%
2029	142.5	CAGR 2024-2029	-6.5%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

The Gasket, Packing, And Sealing Device Manufacturing Industry is forecast to be \$152.1 million dollars in 2023 and to change by 22.4 percent from 2022 to 2023 in Romania.

The industry will be \$152.4 million dollars in 2024 and is forecast to change by 0.2 percent from 2023 to 2024.

Romania



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## VALUE ADDED

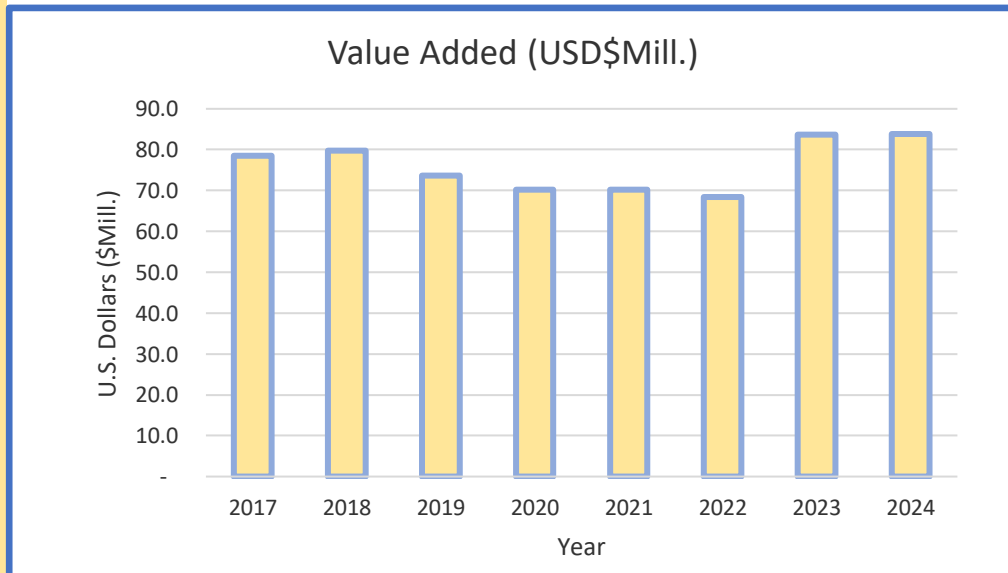
Year	Value Added (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	78.5		
2018	79.8	2017-2018	1.7%
2019	73.7	2018-2019	-7.7%
2020	70.2	2019-2020	-4.8%
2021	70.2	2020-2021	0.0%
2022	68.4	2021-2022	-2.5%
2023	83.7	2022-2023	22.4%
2024	83.9	2023-2024	0.2%
2029	78.4	CAGR 2024-2029	-6.5%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Romania

The Gasket, Packing, And Sealing Device Manufacturing Industry value added will be \$152.1 million dollars in 2023 and to change by 22.4 percent from 2022 to 2023 in Romania.

The value added will be \$152.4 million dollars in 2024 and is forecast to change by 0.2 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## INTERMEDIATE INPUTS

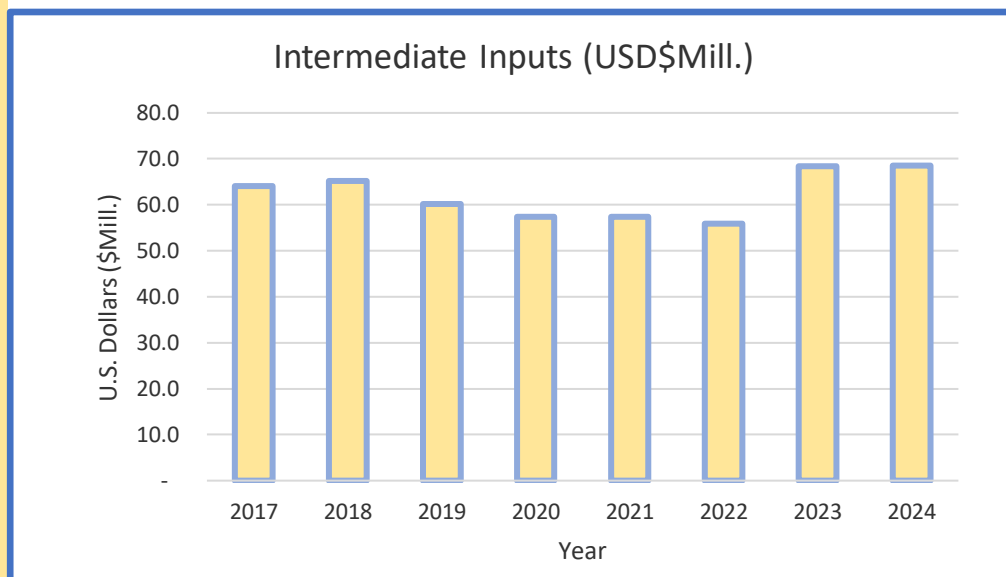
Year	Intermediate Inputs (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	64.1		
2018	65.2	2017-2018	1.7%
2019	60.2	2018-2019	-7.7%
2020	57.3	2019-2020	-4.8%
2021	57.4	2020-2021	0.0%
2022	55.9	2021-2022	-2.5%
2023	68.4	2022-2023	22.4%
2024	68.5	2023-2024	0.2%
2029	64.1	CAGR 2024-2029	-6.5%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

The Gasket, Packing, And Sealing Device Manufacturing Industry intermediate inputs will be \$152.1 million dollars in 2023 and to change by 22.4 percent from 2022 to 2023 in Romania.

The intermediate inputs will be \$152.4 million dollars in 2024 and is forecast to change by 0.2 percent from 2023 to 2024.

Romania



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## GROSS OPERATING SURPLUS

Gross Operating Surplus (USD\$Mill.)			
Year	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	34.7		
2018	35.2	2017-2018	1.7%
2019	32.5	2018-2019	-7.7%
2020	31.0	2019-2020	-4.8%
2021	31.0	2020-2021	0.0%
2022	30.2	2021-2022	-2.5%
2023	37.0	2022-2023	22.4%
2024	37.0	2023-2024	0.2%
2029	34.6	CAGR 2024-2029	-6.5%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Romania

The Gasket, Packing, And Sealing Device Manufacturing Industry gross operating surplus will be \$152.1 million dollars in 2023 and to change by 22.4 percent from 2022 to 2023 in Romania.

The gross operating surplus will be \$152.4 million dollars in 2024 and is forecast to change by 0.2 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## INDUSTRY SALES

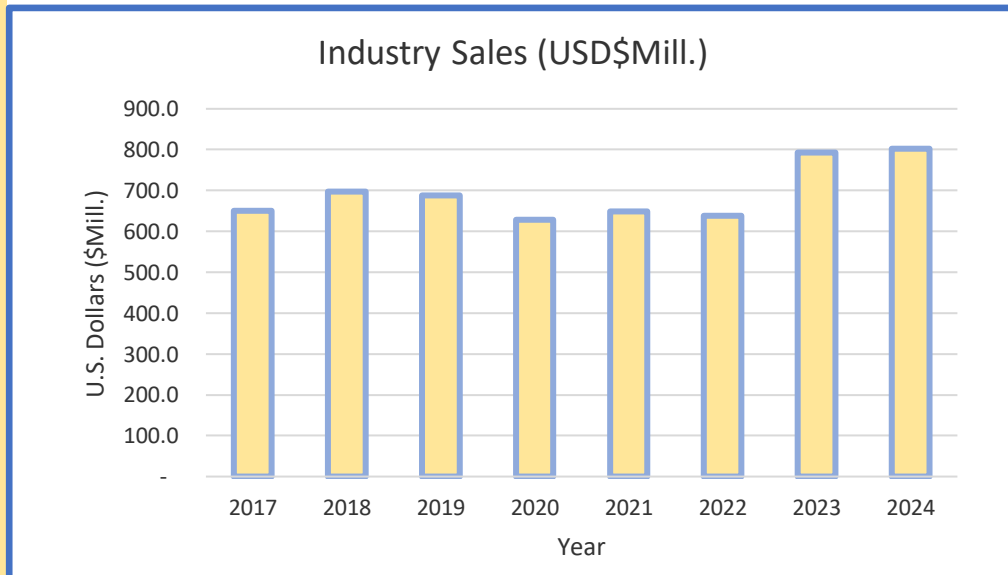
Year	Industry Sales (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	649.8		
2018	697.6	2017-2018	7.4%
2019	687.5	2018-2019	-1.5%
2020	628.2	2019-2020	-8.6%
2021	648.9	2020-2021	3.3%
2022	638.2	2021-2022	-1.6%
2023	793.1	2022-2023	24.3%
2024	802.2	2023-2024	1.1%
2029	871.1	CAGR 2024-2029	8.6%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Russia

The Gasket, Packing, And Sealing Device Manufacturing Industry is forecast to be \$793.1 million dollars in 2023 and to change by 24.3 percent from 2022 to 2023 in Russia.

The industry will be \$802.2 million dollars in 2024 and is forecast to change by 1.1 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## VALUE ADDED

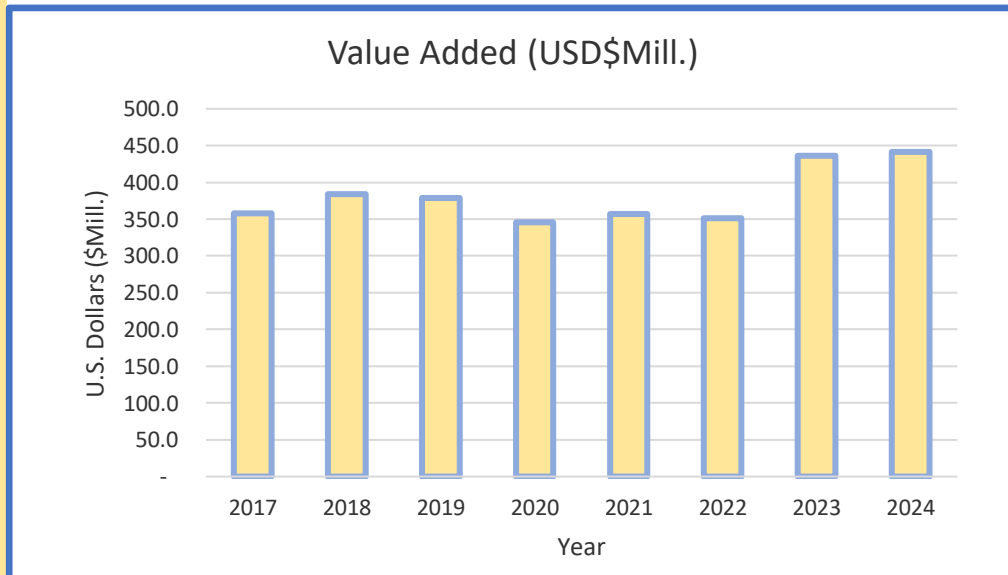
Year	Value Added (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	357.6		
2018	383.9	2017-2018	7.4%
2019	378.3	2018-2019	-1.5%
2020	345.7	2019-2020	-8.6%
2021	357.1	2020-2021	3.3%
2022	351.2	2021-2022	-1.6%
2023	436.5	2022-2023	24.3%
2024	441.5	2023-2024	1.1%
2029	479.4	CAGR 2024-2029	8.6%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Russia

The Gasket, Packing, And Sealing Device Manufacturing Industry value added will be \$793.1 million dollars in 2023 and to change by 24.3 percent from 2022 to 2023 in Russia.

The value added will be \$802.2 million dollars in 2024 and is forecast to change by 1.1 percent from 2023 to 2024.



Source: Wharry Sharpe Research



# Gasket, Packing, And Sealing Device Manufacturing Industry

## INTERMEDIATE INPUTS

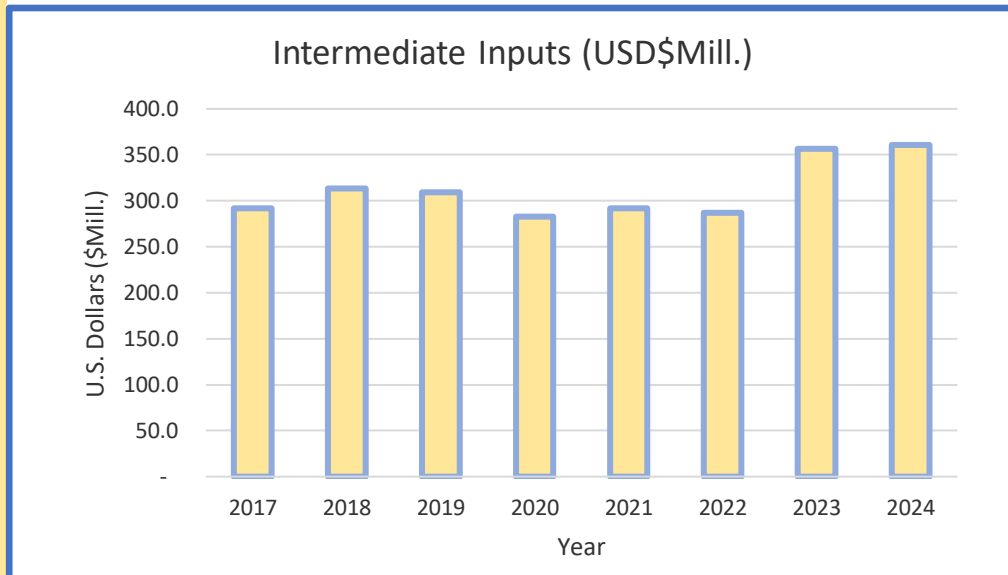
Intermediate Inputs (USD\$Mill.)			
Year	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	292.2		
2018	313.7	2017-2018	7.4%
2019	309.1	2018-2019	-1.5%
2020	282.5	2019-2020	-8.6%
2021	291.8	2020-2021	3.3%
2022	287.0	2021-2022	-1.6%
2023	356.6	2022-2023	24.3%
2024	360.7	2023-2024	1.1%
2029	391.7	CAGR 2024-2029	8.6%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Russia

The Gasket, Packing, And Sealing Device Manufacturing Industry intermediate inputs will be \$793.1 million dollars in 2023 and to change by 24.3 percent from 2022 to 2023 in Russia.

The intermediate inputs will be \$802.2 million dollars in 2024 and is forecast to change by 1.1 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## GROSS OPERATING SURPLUS

Gross Operating Surplus (USD\$Mill.)			
Year	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	158.0		
2018	169.6	2017-2018	7.4%
2019	167.1	2018-2019	-1.5%
2020	152.7	2019-2020	-8.6%
2021	157.8	2020-2021	3.3%
2022	155.2	2021-2022	-1.6%
2023	192.8	2022-2023	24.3%
2024	195.0	2023-2024	1.1%
2029	211.8	CAGR 2024-2029	8.6%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Russia

The Gasket, Packing, And Sealing Device Manufacturing Industry gross operating surplus will be \$793.1 million dollars in 2023 and to change by 24.3 percent from 2022 to 2023 in Russia.

The gross operating surplus will be \$802.2 million dollars in 2024 and is forecast to change by 1.1 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## INDUSTRY SALES

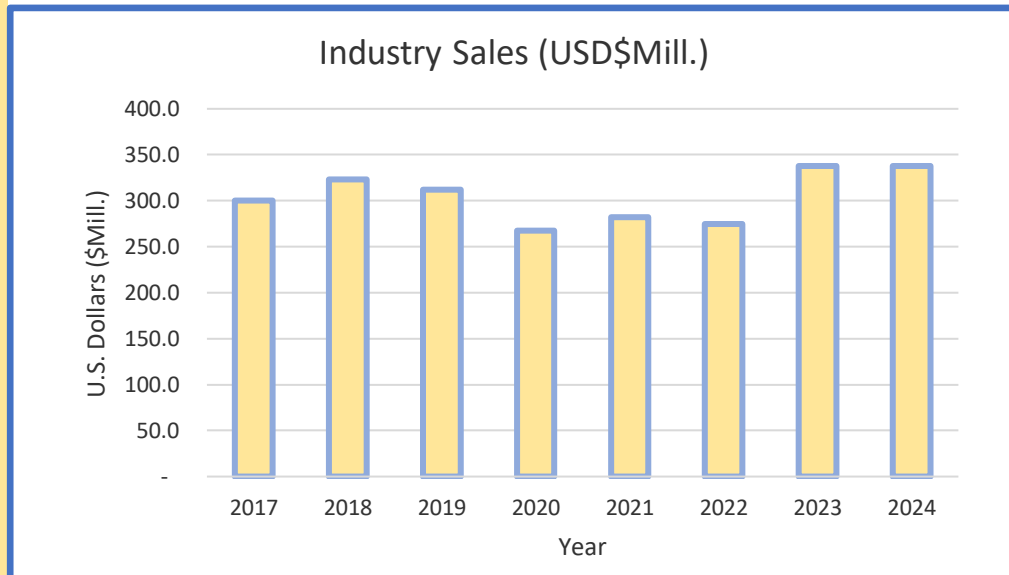
Year	Industry Sales (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	299.9		
2018	323.1	2017-2018	7.7%
2019	311.8	2018-2019	-3.5%
2020	267.7	2019-2020	-14.1%
2021	282.4	2020-2021	5.5%
2022	274.7	2021-2022	-2.7%
2023	337.5	2022-2023	22.8%
2024	337.6	2023-2024	0.0%
2029	345.1	CAGR 2024-2029	2.2%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

The Gasket, Packing, And Sealing Device Manufacturing Industry is forecast to be \$337.5 million dollars in 2023 and to change by 22.8 percent from 2022 to 2023 in Saudi Arabia.

The industry will be \$337.6 million dollars in 2024 and is forecast to change by 0 percent from 2023 to 2024.

Saudi Arabia



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## VALUE ADDED

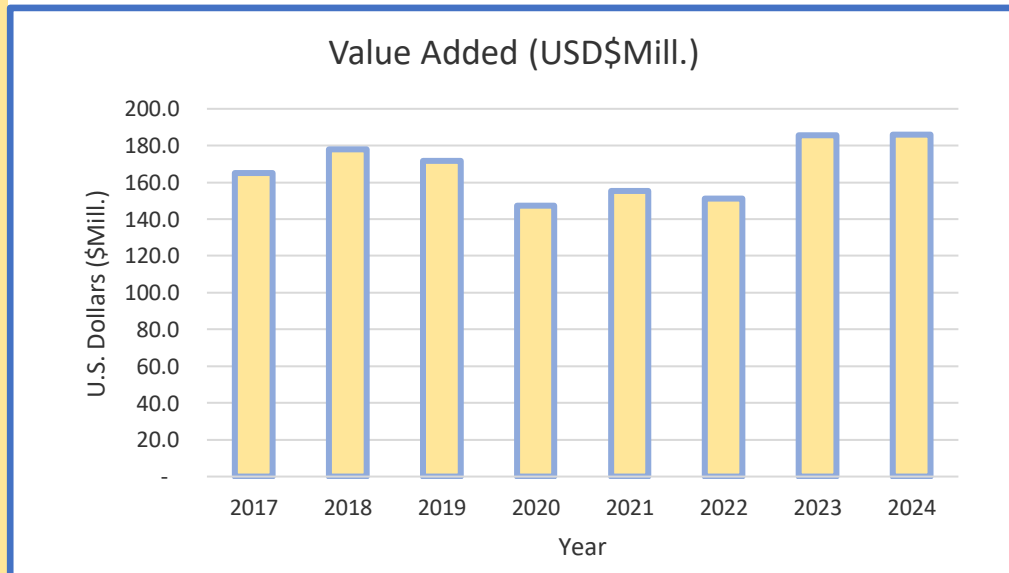
Year	Value Added (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	165.1		
2018	177.8	2017-2018	7.7%
2019	171.6	2018-2019	-3.5%
2020	147.4	2019-2020	-14.1%
2021	155.4	2020-2021	5.5%
2022	151.2	2021-2022	-2.7%
2023	185.7	2022-2023	22.8%
2024	185.8	2023-2024	0.0%
2029	189.9	CAGR 2024-2029	2.2%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

The Gasket, Packing, And Sealing Device Manufacturing Industry value added will be \$337.5 million dollars in 2023 and to change by 22.8 percent from 2022 to 2023 in Saudi Arabia.

The value added will be \$337.6 million dollars in 2024 and is forecast to change by 0 percent from 2023 to 2024.

Saudi Arabia



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## INTERMEDIATE INPUTS

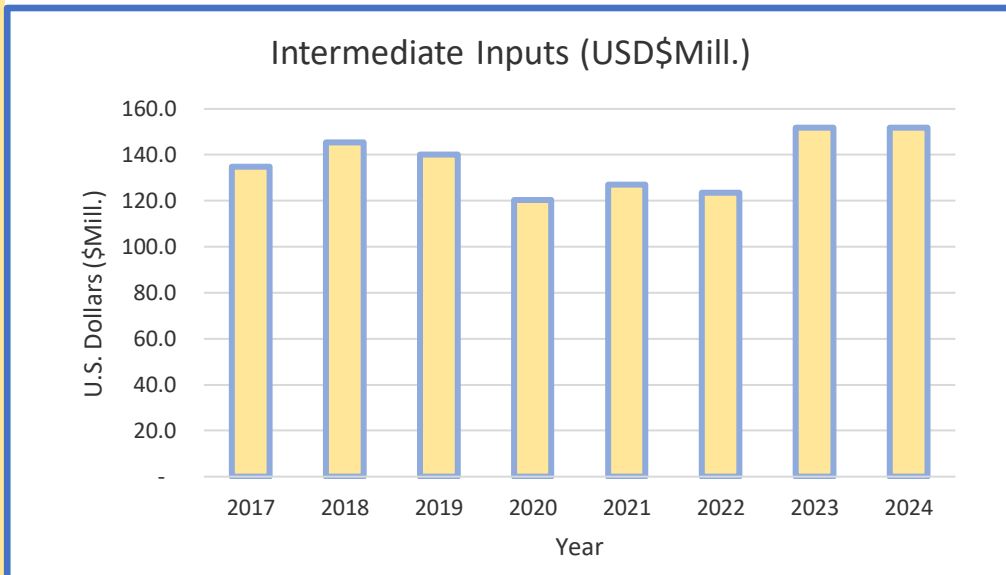
Year	Intermediate Inputs (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	134.9		
2018	145.3	2017-2018	7.7%
2019	140.2	2018-2019	-3.5%
2020	120.4	2019-2020	-14.1%
2021	127.0	2020-2021	5.5%
2022	123.5	2021-2022	-2.7%
2023	151.7	2022-2023	22.8%
2024	151.8	2023-2024	0.0%
2029	155.2	CAGR 2024-2029	2.2%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

The Gasket, Packing, And Sealing Device Manufacturing Industry intermediate inputs will be \$337.5 million dollars in 2023 and to change by 22.8 percent from 2022 to 2023 in Saudi Arabia.

The intermediate inputs will be \$337.6 million dollars in 2024 and is forecast to change by 0 percent from 2023 to 2024.

Saudi Arabia



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## GROSS OPERATING SURPLUS

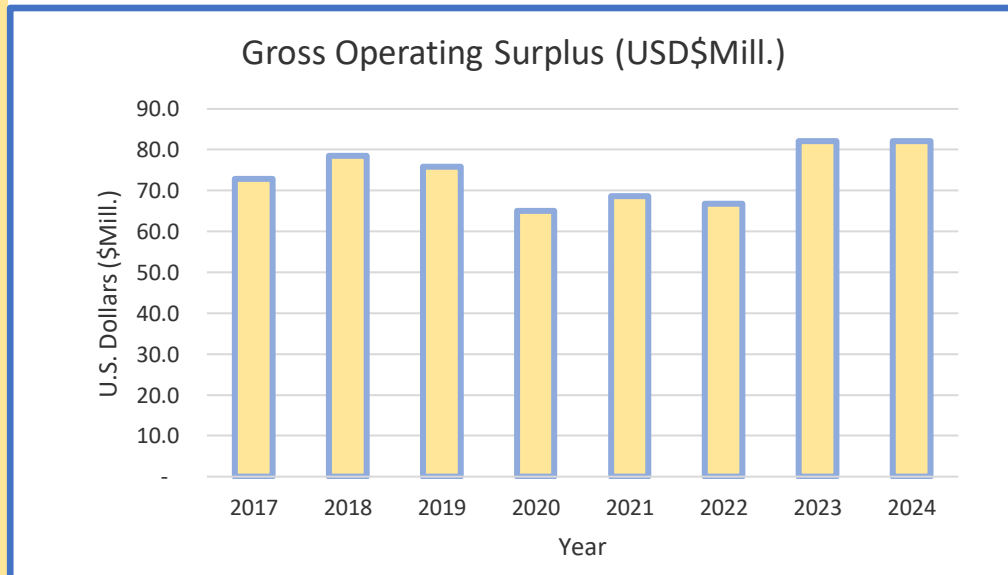
Gross Operating Surplus (USD\$Mill.)			
Year	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	72.9		
2018	78.6	2017-2018	7.7%
2019	75.8	2018-2019	-3.5%
2020	65.1	2019-2020	-14.1%
2021	68.7	2020-2021	5.5%
2022	66.8	2021-2022	-2.7%
2023	82.0	2022-2023	22.8%
2024	82.1	2023-2024	0.0%
2029	83.9	CAGR 2024-2029	2.2%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

The Gasket, Packing, And Sealing Device Manufacturing Industry gross operating surplus will be \$337.5 million dollars in 2023 and to change by 22.8 percent from 2022 to 2023 in Saudi Arabia.

The gross operating surplus will be \$337.6 million dollars in 2024 and is forecast to change by 0 percent from 2023 to 2024.

Saudi Arabia



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## INDUSTRY SALES

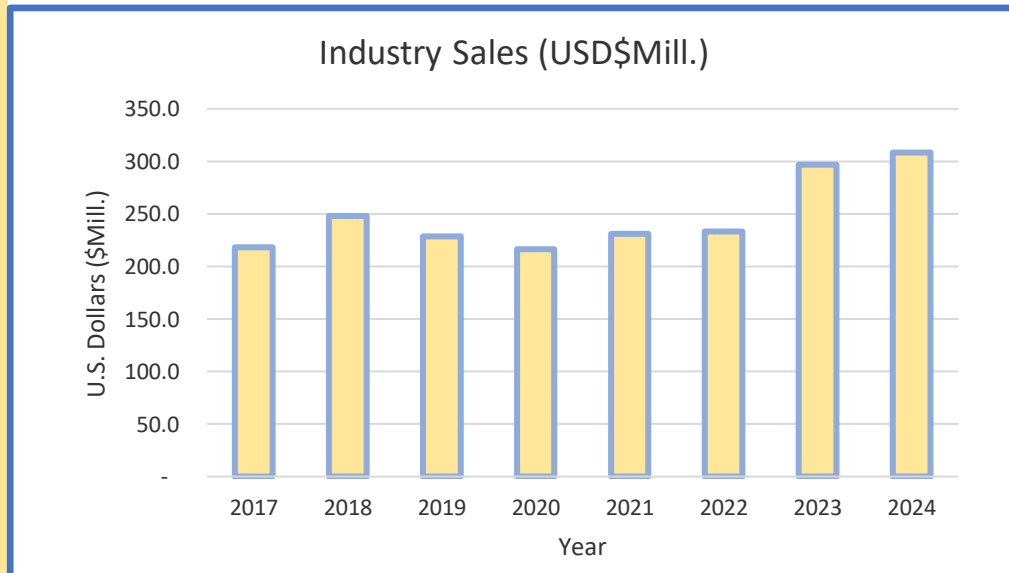
Year	Industry Sales (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	218.0		
2018	248.3	2017-2018	13.9%
2019	228.4	2018-2019	-8.0%
2020	216.5	2019-2020	-5.2%
2021	231.0	2020-2021	6.7%
2022	233.2	2021-2022	1.0%
2023	296.9	2022-2023	27.3%
2024	308.2	2023-2024	3.8%
2029	371.8	CAGR 2024-2029	20.6%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

The Gasket, Packing, And Sealing Device Manufacturing Industry is forecast to be \$296.9 million dollars in 2023 and to change by 27.3 percent from 2022 to 2023 in Singapore.

The industry will be \$308.2 million dollars in 2024 and is forecast to change by 3.8 percent from 2023 to 2024.

Singapore



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## VALUE ADDED

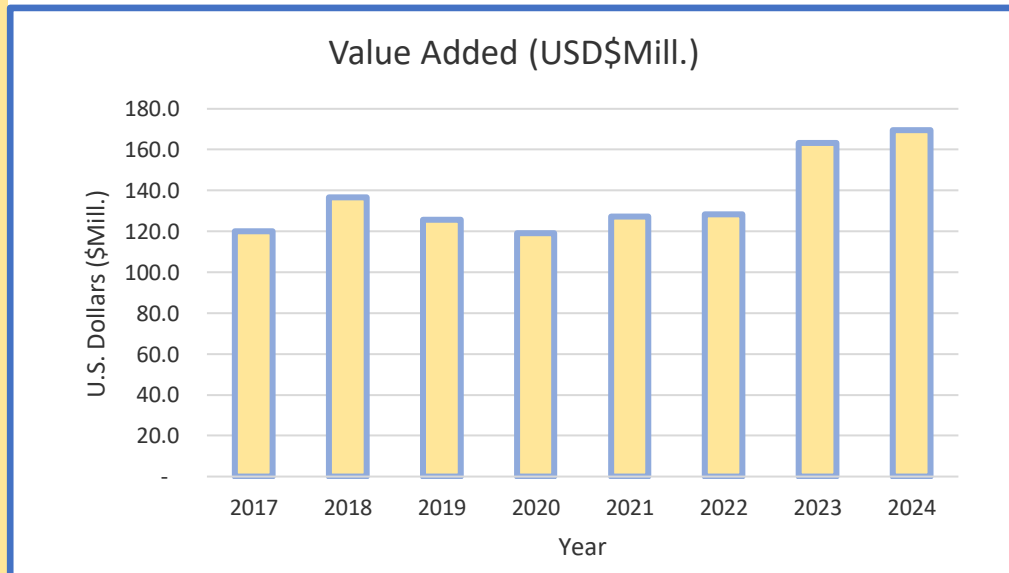
Year	Value Added (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	119.9		
2018	136.6	2017-2018	13.9%
2019	125.7	2018-2019	-8.0%
2020	119.1	2019-2020	-5.2%
2021	127.1	2020-2021	6.7%
2022	128.4	2021-2022	1.0%
2023	163.4	2022-2023	27.3%
2024	169.6	2023-2024	3.8%
2029	204.6	CAGR 2024-2029	20.6%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

The Gasket, Packing, And Sealing Device Manufacturing Industry value added will be \$296.9 million dollars in 2023 and to change by 27.3 percent from 2022 to 2023 in Singapore.

The value added will be \$308.2 million dollars in 2024 and is forecast to change by 3.8 percent from 2023 to 2024.

Singapore



Source: Wharry Sharpe Research



# Gasket, Packing, And Sealing Device Manufacturing Industry

## INTERMEDIATE INPUTS

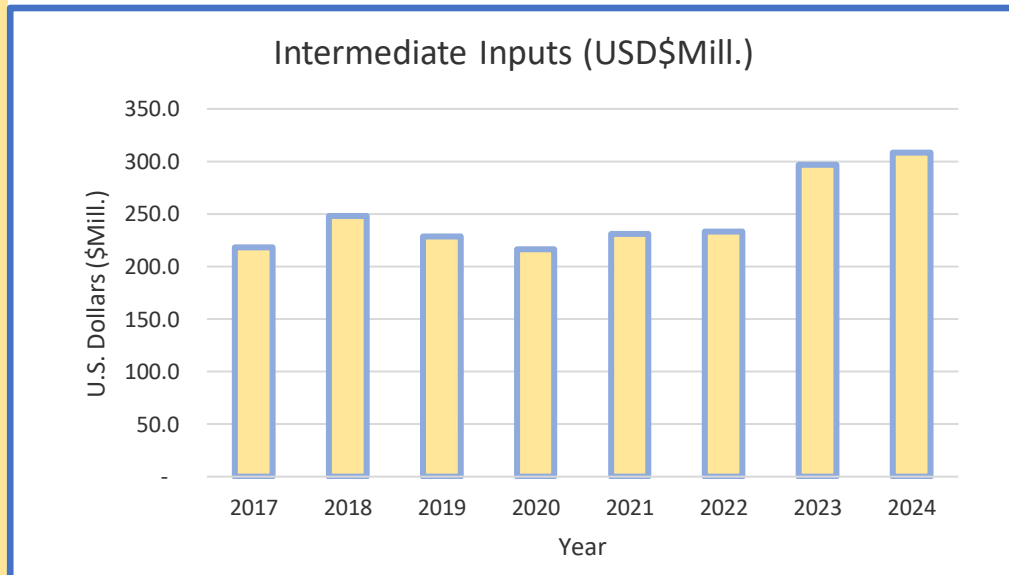
Year	Intermediate Inputs (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	218.0		
2018	248.3	2017-2018	13.9%
2019	228.4	2018-2019	-8.0%
2020	216.5	2019-2020	-5.2%
2021	231.0	2020-2021	6.7%
2022	233.2	2021-2022	1.0%
2023	296.9	2022-2023	27.3%
2024	308.2	2023-2024	3.8%
2029	371.8	CAGR 2024-2029	20.6%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

The Gasket, Packing, And Sealing Device Manufacturing Industry intermediate inputs will be \$296.9 million dollars in 2023 and to change by 27.3 percent from 2022 to 2023 in Singapore.

The intermediate inputs will be \$308.2 million dollars in 2024 and is forecast to change by 3.8 percent from 2023 to 2024.

Singapore



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## GROSS OPERATING SURPLUS

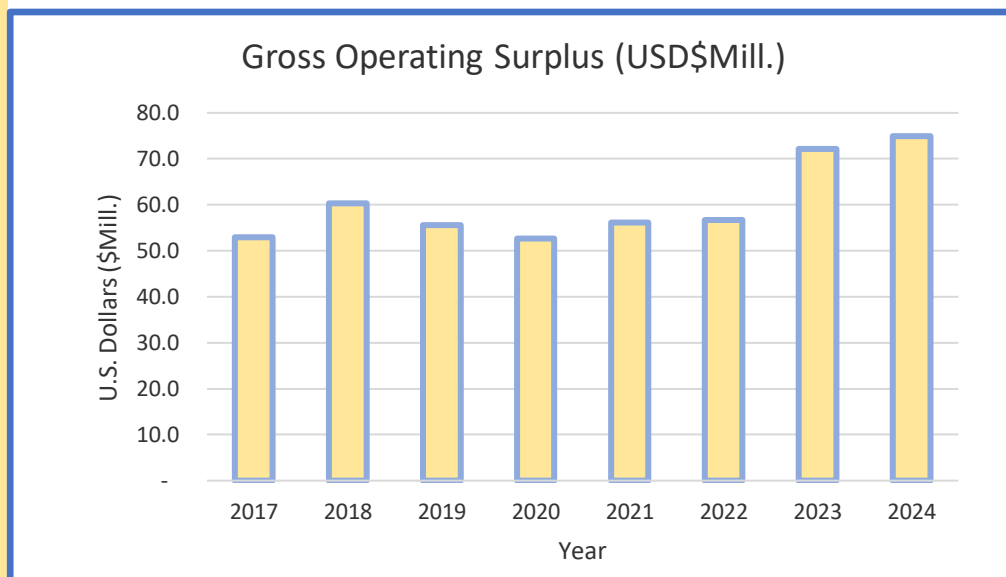
Gross Operating Surplus (USD\$Mill.)			
Year	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	53.0		
2018	60.4	2017-2018	13.9%
2019	55.5	2018-2019	-8.0%
2020	52.6	2019-2020	-5.2%
2021	56.2	2020-2021	6.7%
2022	56.7	2021-2022	1.0%
2023	72.2	2022-2023	27.3%
2024	74.9	2023-2024	3.8%
2029	90.4	CAGR 2024-2029	20.6%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

The Gasket, Packing, And Sealing Device Manufacturing Industry gross operating surplus will be \$296.9 million dollars in 2023 and to change by 27.3 percent from 2022 to 2023 in Singapore.

The gross operating surplus will be \$308.2 million dollars in 2024 and is forecast to change by 3.8 percent from 2023 to 2024.

Singapore



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## South Africa

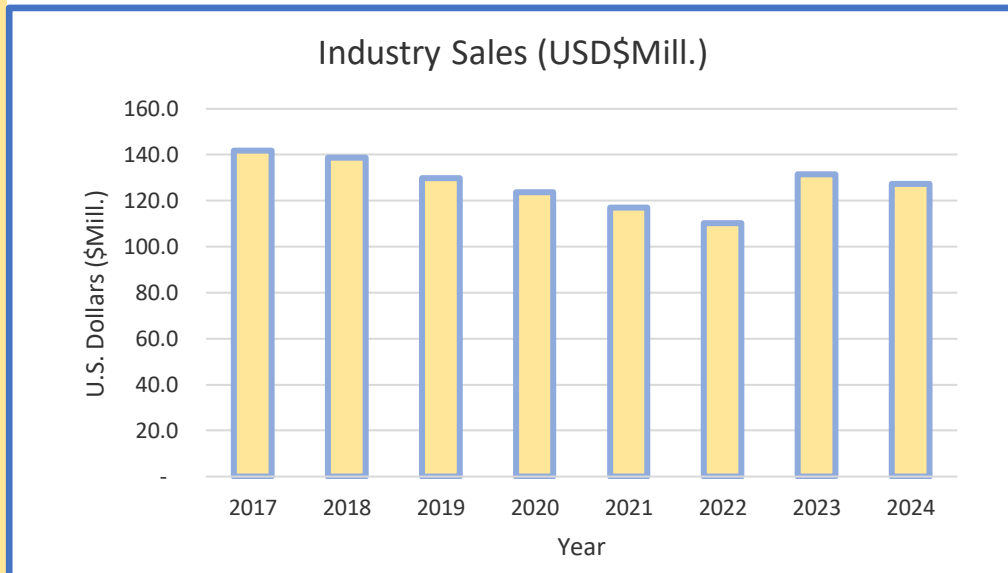
### INDUSTRY SALES

Year	Industry Sales (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	141.8		
2018	138.8	2017-2018	-2.1%
2019	129.8	2018-2019	-6.5%
2020	123.8	2019-2020	-4.7%
2021	117.0	2020-2021	-5.4%
2022	110.2	2021-2022	-5.8%
2023	131.4	2022-2023	19.2%
2024	127.3	2023-2024	-3.1%
2029	114.2	CAGR 2024-2029	-10.3%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

The Gasket, Packing, And Sealing Device Manufacturing Industry is forecast to be \$131.4 million dollars in 2023 and to change by 19.2 percent from 2022 to 2023 in South Africa.

The industry will be \$127.3 million dollars in 2024 and is forecast to change by -3.1 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

South Africa

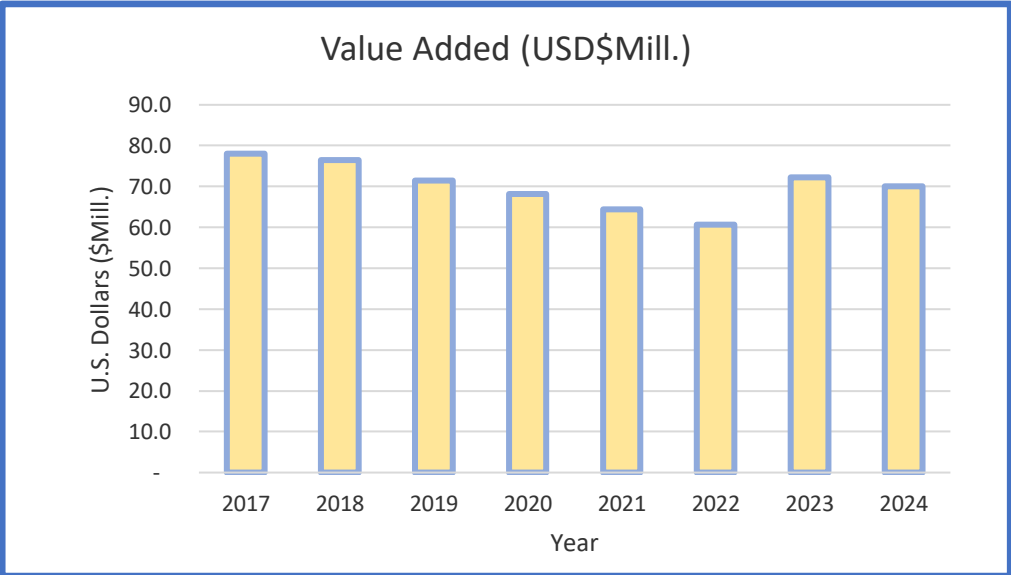
## VALUE ADDED

Year	Value Added (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	78.1		
2018	76.4	2017-2018	-2.1%
2019	71.5	2018-2019	-6.5%
2020	68.1	2019-2020	-4.7%
2021	64.4	2020-2021	-5.4%
2022	60.7	2021-2022	-5.8%
2023	72.3	2022-2023	19.2%
2024	70.0	2023-2024	-3.1%
2029	62.9	CAGR 2024-2029	-10.3%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

The Gasket, Packing, And Sealing Device Manufacturing Industry value added will be \$131.4 million dollars in 2023 and to change by 19.2 percent from 2022 to 2023 in South Africa.

The value added will be \$127.3 million dollars in 2024 and is forecast to change by -3.1 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## South Africa

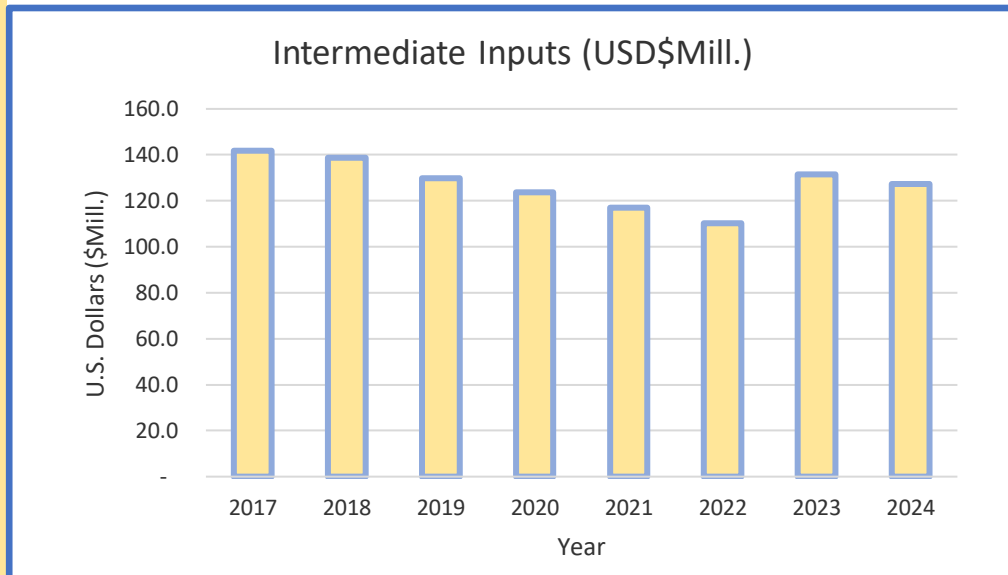
### INTERMEDIATE INPUTS

Year	Intermediate Inputs (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	141.8		
2018	138.8	2017-2018	-2.1%
2019	129.8	2018-2019	-6.5%
2020	123.8	2019-2020	-4.7%
2021	117.0	2020-2021	-5.4%
2022	110.2	2021-2022	-5.8%
2023	131.4	2022-2023	19.2%
2024	127.3	2023-2024	-3.1%
2029	114.2	CAGR 2024-2029	-10.3%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

The Gasket, Packing, And Sealing Device Manufacturing Industry intermediate inputs will be \$131.4 million dollars in 2023 and to change by 19.2 percent from 2022 to 2023 in South Africa.

The intermediate inputs will be \$127.3 million dollars in 2024 and is forecast to change by -3.1 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## GROSS OPERATING SURPLUS

Gross Operating Surplus (USD\$Mill.)			
Year	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	34.5		
2018	33.8	2017-2018	-2.1%
2019	31.6	2018-2019	-6.5%
2020	30.1	2019-2020	-4.7%
2021	28.5	2020-2021	-5.4%
2022	26.8	2021-2022	-5.8%
2023	31.9	2022-2023	19.2%
2024	30.9	2023-2024	-3.1%
2029	27.8	CAGR 2024-2029	-10.3%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

The Gasket, Packing, And Sealing Device Manufacturing Industry gross operating surplus will be \$131.4 million dollars in 2023 and to change by 19.2 percent from 2022 to 2023 in South Africa.

The gross operating surplus will be \$127.3 million dollars in 2024 and is forecast to change by -3.1 percent from 2023 to 2024.

South Africa



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## INDUSTRY SALES

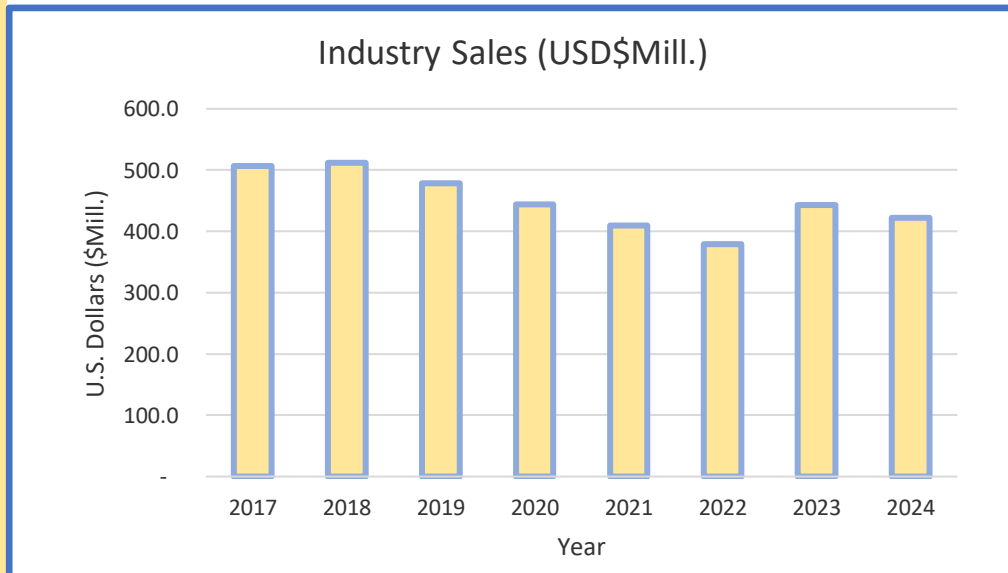
Year	Industry Sales (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	506.5		
2018	511.4	2017-2018	1.0%
2019	478.4	2018-2019	-6.5%
2020	444.0	2019-2020	-7.2%
2021	409.7	2020-2021	-7.7%
2022	379.2	2021-2022	-7.5%
2023	443.5	2022-2023	17.0%
2024	422.1	2023-2024	-4.8%
2029	341.5	CAGR 2024-2029	-19.1%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Spain

The Gasket, Packing, And Sealing Device Manufacturing Industry is forecast to be \$443.5 million dollars in 2023 and to change by 17 percent from 2022 to 2023 in Spain.

The industry will be \$422.1 million dollars in 2024 and is forecast to change by -4.8 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## VALUE ADDED

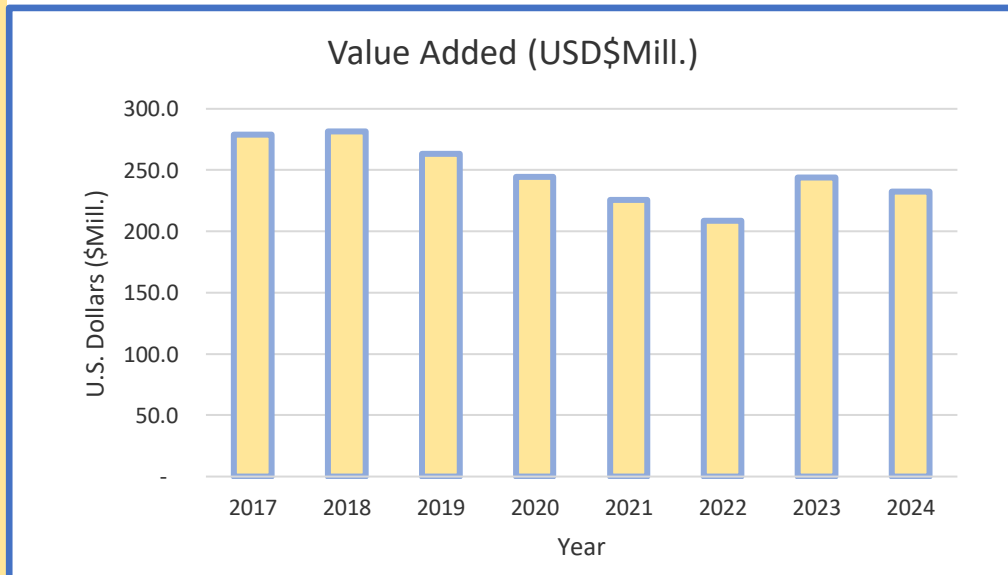
Year	Value Added (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	278.8		
2018	281.5	2017-2018	1.0%
2019	263.3	2018-2019	-6.5%
2020	244.3	2019-2020	-7.2%
2021	225.5	2020-2021	-7.7%
2022	208.7	2021-2022	-7.5%
2023	244.1	2022-2023	17.0%
2024	232.3	2023-2024	-4.8%
2029	188.0	CAGR 2024-2029	-19.1%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Spain

The Gasket, Packing, And Sealing Device Manufacturing Industry value added will be \$443.5 million dollars in 2023 and to change by 17 percent from 2022 to 2023 in Spain.

The value added will be \$422.1 million dollars in 2024 and is forecast to change by -4.8 percent from 2023 to 2024.



Source: Wharry Sharpe Research



# Gasket, Packing, And Sealing Device Manufacturing Industry

## INTERMEDIATE INPUTS

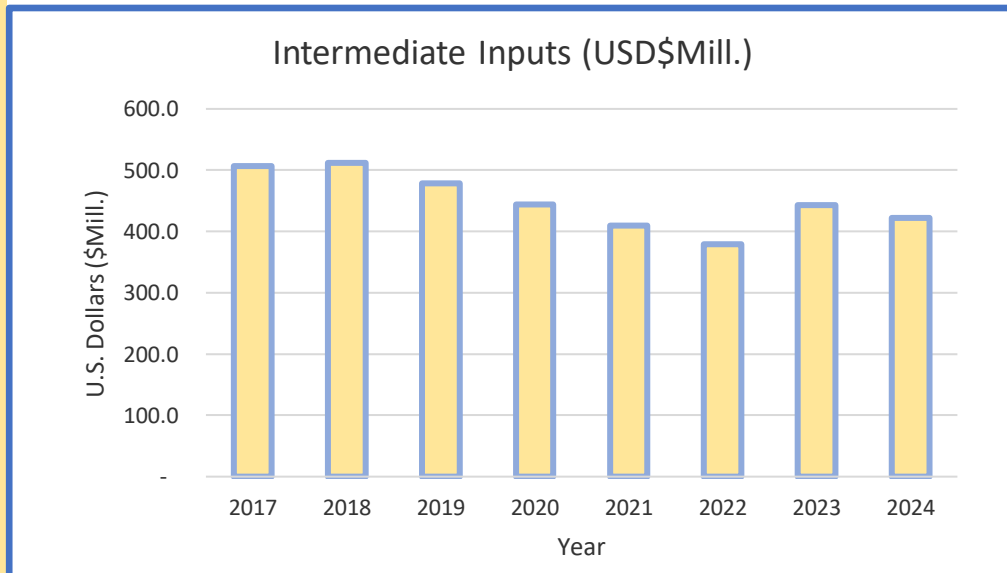
Year	Intermediate Inputs (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	506.5		
2018	511.4	2017-2018	1.0%
2019	478.4	2018-2019	-6.5%
2020	444.0	2019-2020	-7.2%
2021	409.7	2020-2021	-7.7%
2022	379.2	2021-2022	-7.5%
2023	443.5	2022-2023	17.0%
2024	422.1	2023-2024	-4.8%
2029	341.5	CAGR 2024-2029	-19.1%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Spain

The Gasket, Packing, And Sealing Device Manufacturing Industry intermediate inputs will be \$443.5 million dollars in 2023 and to change by 17 percent from 2022 to 2023 in Spain.

The intermediate inputs will be \$422.1 million dollars in 2024 and is forecast to change by -4.8 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## GROSS OPERATING SURPLUS

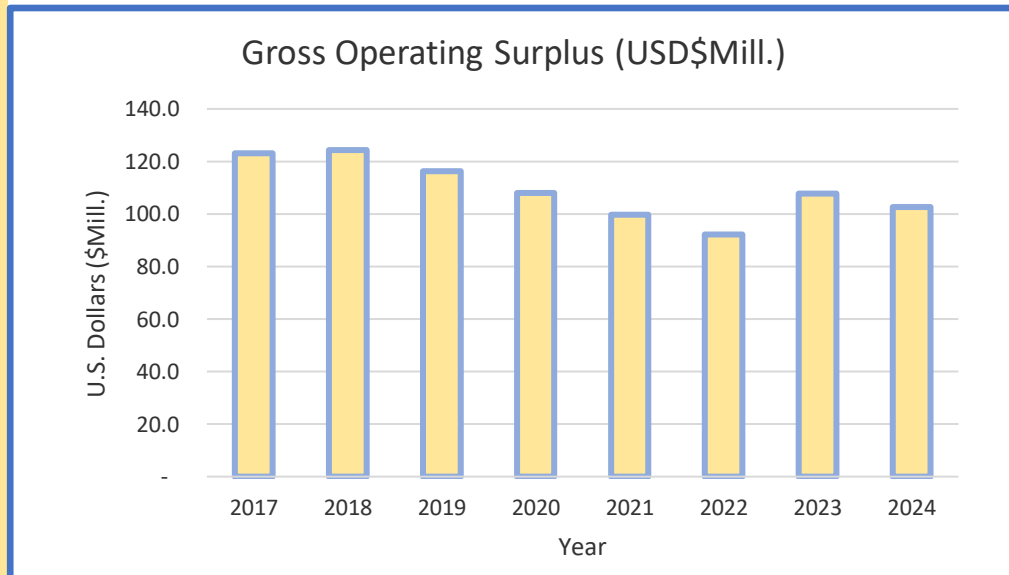
Gross Operating Surplus (USD\$Mill.)			
Year	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	123.2		
2018	124.3	2017-2018	1.0%
2019	116.3	2018-2019	-6.5%
2020	107.9	2019-2020	-7.2%
2021	99.6	2020-2021	-7.7%
2022	92.2	2021-2022	-7.5%
2023	107.8	2022-2023	17.0%
2024	102.6	2023-2024	-4.8%
2029	83.0	CAGR 2024-2029	-19.1%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Spain

The Gasket, Packing, And Sealing Device Manufacturing Industry gross operating surplus will be \$443.5 million dollars in 2023 and to change by 17 percent from 2022 to 2023 in Spain.

The gross operating surplus will be \$422.1 million dollars in 2024 and is forecast to change by -4.8 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## INDUSTRY SALES

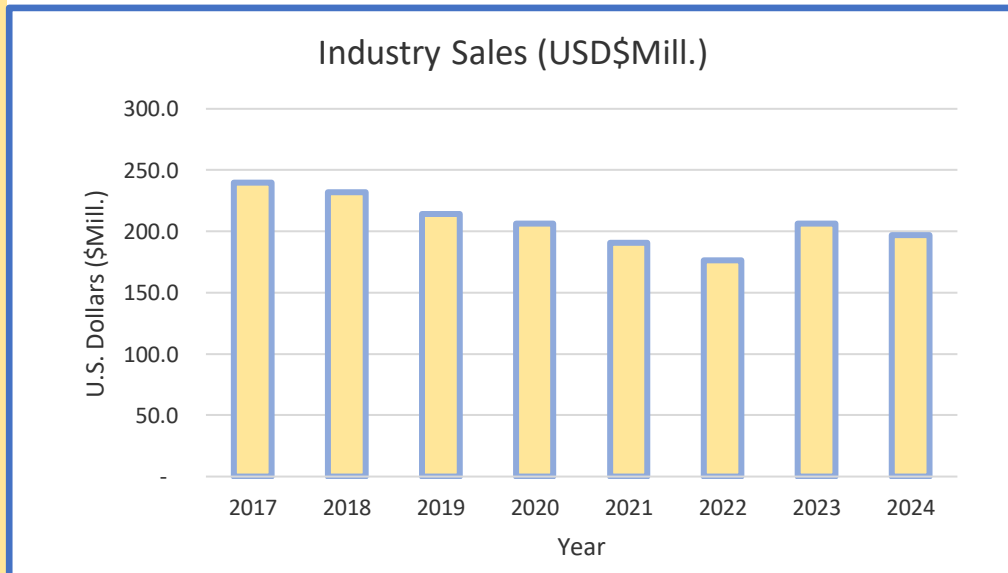
Year	Industry Sales (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	239.9		
2018	232.1	2017-2018	-3.2%
2019	214.4	2018-2019	-7.7%
2020	206.3	2019-2020	-3.8%
2021	190.5	2020-2021	-7.7%
2022	176.4	2021-2022	-7.4%
2023	206.6	2022-2023	17.1%
2024	196.8	2023-2024	-4.7%
2029	161.0	CAGR 2024-2029	-18.2%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Sweden

The Gasket, Packing, And Sealing Device Manufacturing Industry is forecast to be \$206.6 million dollars in 2023 and to change by 17.1 percent from 2022 to 2023 in Sweden.

The industry will be \$196.8 million dollars in 2024 and is forecast to change by -4.7 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## VALUE ADDED

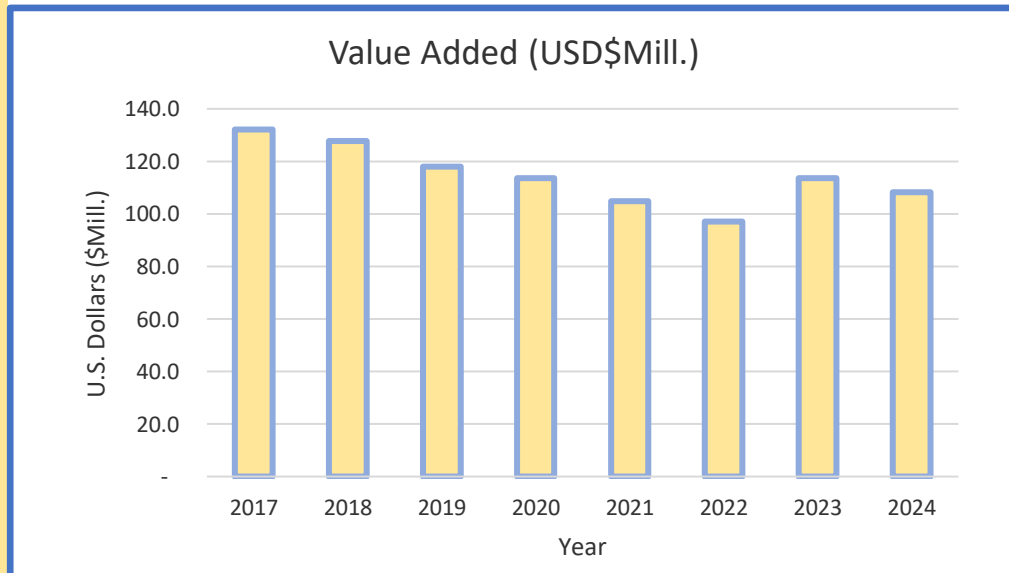
Year	Value Added (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	132.0		
2018	127.8	2017-2018	-3.2%
2019	118.0	2018-2019	-7.7%
2020	113.5	2019-2020	-3.8%
2021	104.8	2020-2021	-7.7%
2022	97.1	2021-2022	-7.4%
2023	113.7	2022-2023	17.1%
2024	108.3	2023-2024	-4.7%
2029	88.6	CAGR 2024-2029	-18.2%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Sweden

The Gasket, Packing, And Sealing Device Manufacturing Industry value added will be \$206.6 million dollars in 2023 and to change by 17.1 percent from 2022 to 2023 in Sweden.

The value added will be \$196.8 million dollars in 2024 and is forecast to change by -4.7 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## INTERMEDIATE INPUTS

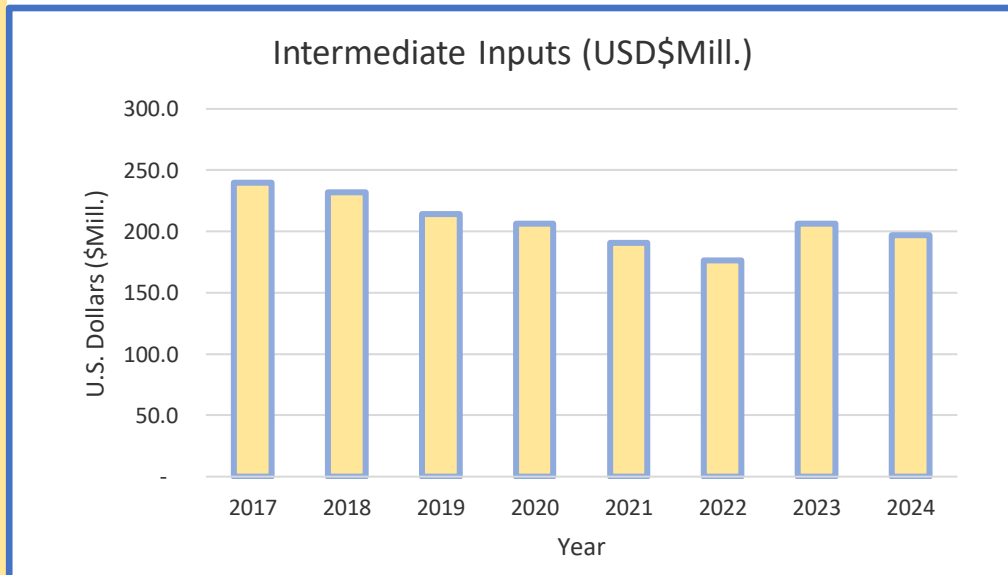
Intermediate Inputs (USD\$Mill.)			
Year	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	239.9		
2018	232.1	2017-2018	-3.2%
2019	214.4	2018-2019	-7.7%
2020	206.3	2019-2020	-3.8%
2021	190.5	2020-2021	-7.7%
2022	176.4	2021-2022	-7.4%
2023	206.6	2022-2023	17.1%
2024	196.8	2023-2024	-4.7%
2029	161.0	CAGR 2024-2029	-18.2%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Sweden

The Gasket, Packing, And Sealing Device Manufacturing Industry intermediate inputs will be \$206.6 million dollars in 2023 and to change by 17.1 percent from 2022 to 2023 in Sweden.

The intermediate inputs will be \$196.8 million dollars in 2024 and is forecast to change by -4.7 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## GROSS OPERATING SURPLUS

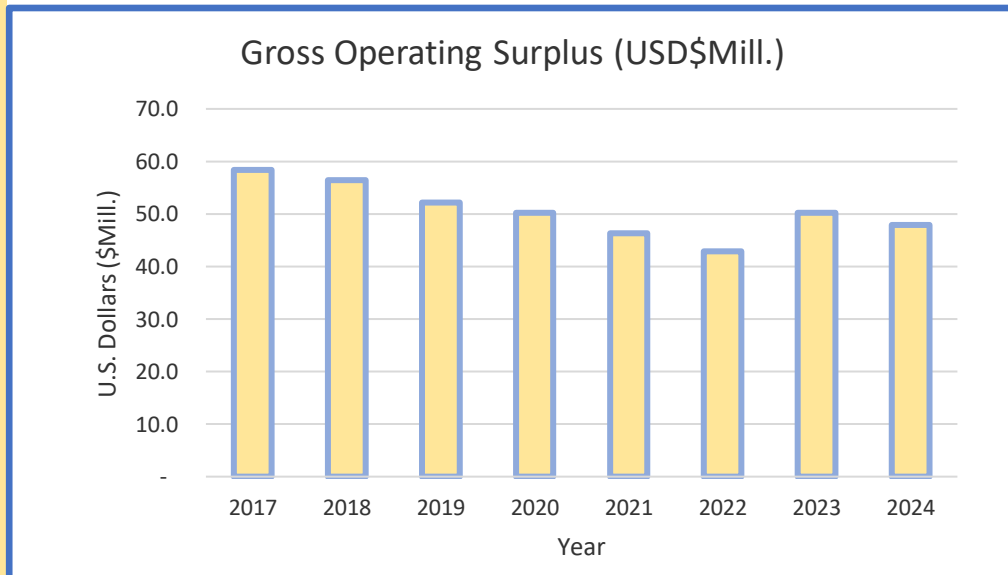
Gross Operating Surplus (USD\$Mill.)			
Year	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	58.3		
2018	56.4	2017-2018	-3.2%
2019	52.1	2018-2019	-7.7%
2020	50.2	2019-2020	-3.8%
2021	46.3	2020-2021	-7.7%
2022	42.9	2021-2022	-7.4%
2023	50.2	2022-2023	17.1%
2024	47.8	2023-2024	-4.7%
2029	39.1	CAGR 2024-2029	-18.2%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Sweden

The Gasket, Packing, And Sealing Device Manufacturing Industry gross operating surplus will be \$206.6 million dollars in 2023 and to change by 17.1 percent from 2022 to 2023 in Sweden.

The gross operating surplus will be \$196.8 million dollars in 2024 and is forecast to change by -4.7 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## INDUSTRY SALES

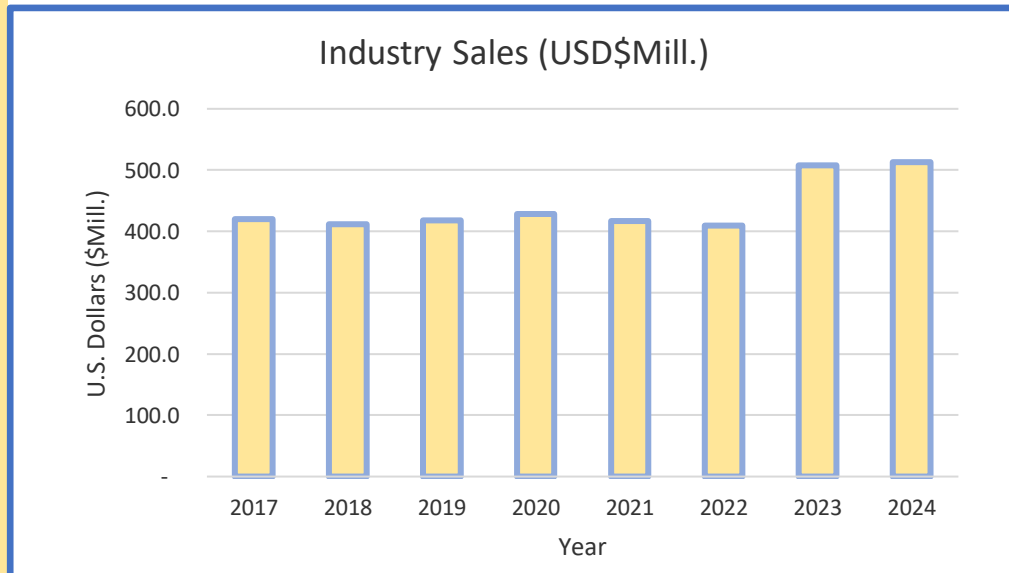
Year	Industry Sales (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	420.0		
2018	411.5	2017-2018	-2.0%
2019	418.2	2018-2019	1.6%
2020	428.8	2019-2020	2.5%
2021	416.7	2020-2021	-2.8%
2022	409.5	2021-2022	-1.7%
2023	508.1	2022-2023	24.1%
2024	513.4	2023-2024	1.0%
2029	552.4	CAGR 2024-2029	7.6%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

The Gasket, Packing, And Sealing Device Manufacturing Industry is forecast to be \$508.1 million dollars in 2023 and to change by 24.1 percent from 2022 to 2023 in Switzerland.

The industry will be \$513.4 million dollars in 2024 and is forecast to change by 1 percent from 2023 to 2024.

Switzerland



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## VALUE ADDED

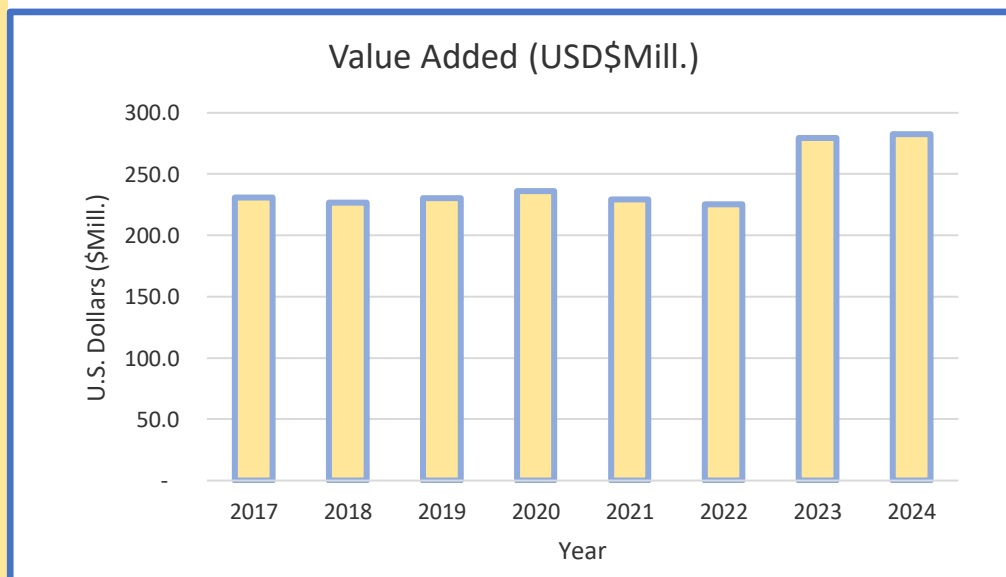
Year	Value Added (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	231.1		
2018	226.5	2017-2018	-2.0%
2019	230.2	2018-2019	1.6%
2020	236.0	2019-2020	2.5%
2021	229.3	2020-2021	-2.8%
2022	225.4	2021-2022	-1.7%
2023	279.6	2022-2023	24.1%
2024	282.6	2023-2024	1.0%
2029	304.0	CAGR 2024-2029	7.6%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

The Gasket, Packing, And Sealing Device Manufacturing Industry value added will be \$508.1 million dollars in 2023 and to change by 24.1 percent from 2022 to 2023 in Switzerland.

The value added will be \$513.4 million dollars in 2024 and is forecast to change by 1 percent from 2023 to 2024.

Switzerland



Source: Wharry Sharpe Research



# Gasket, Packing, And Sealing Device Manufacturing Industry

## INTERMEDIATE INPUTS

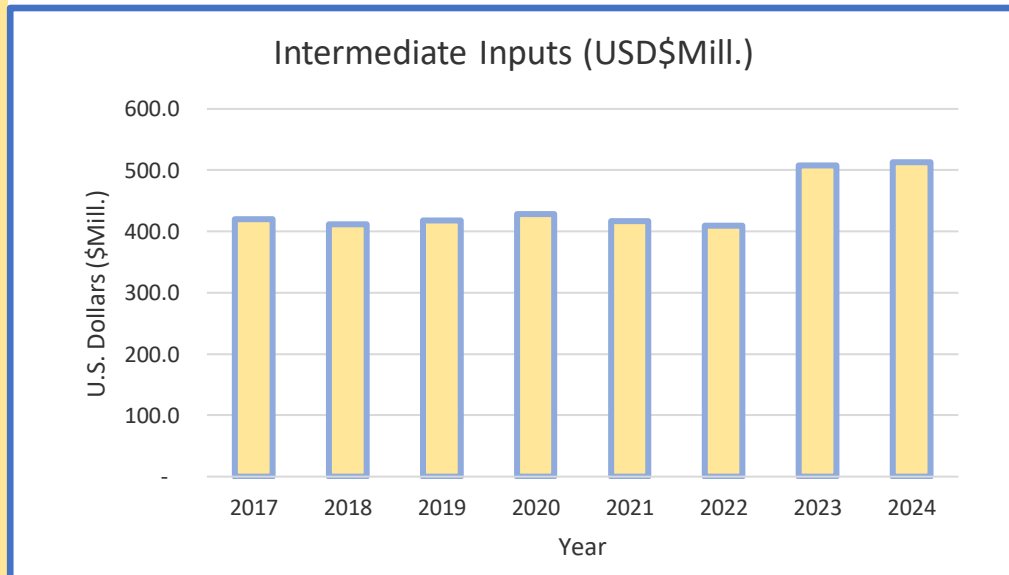
Intermediate Inputs (USD\$Mill.)			
Year	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	420.0		
2018	411.5	2017-2018	-2.0%
2019	418.2	2018-2019	1.6%
2020	428.8	2019-2020	2.5%
2021	416.7	2020-2021	-2.8%
2022	409.5	2021-2022	-1.7%
2023	508.1	2022-2023	24.1%
2024	513.4	2023-2024	1.0%
2029	552.4	CAGR 2024-2029	7.6%

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The intermediate inputs will be \$513.4 million dollars in 2024 and is forecast to change by 1 percent from 2023 to 2024.

Switzerland



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## GROSS OPERATING SURPLUS

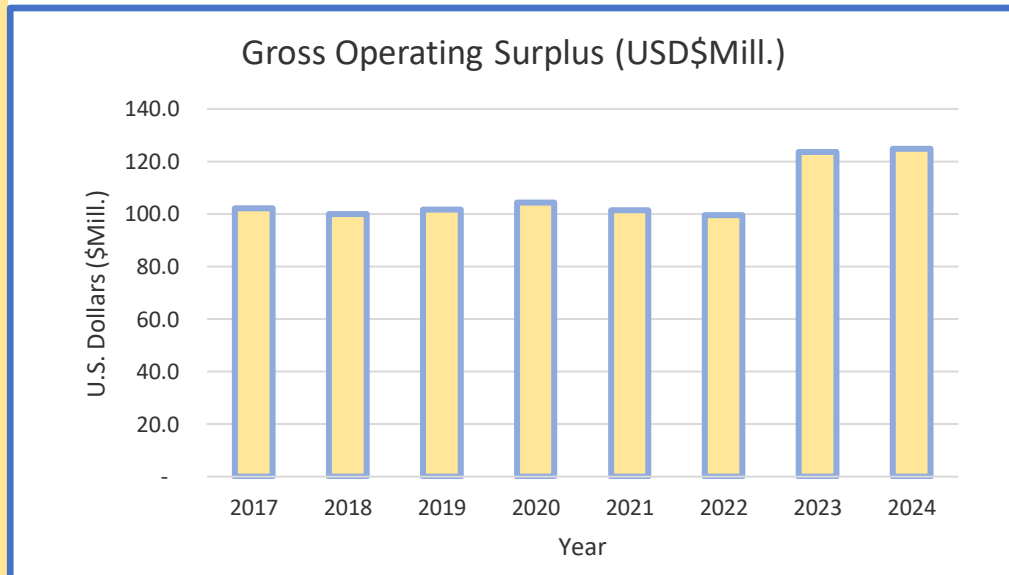
Gross Operating Surplus (USD\$Mill.)			
Year	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	102.1		
2018	100.1	2017-2018	-2.0%
2019	101.7	2018-2019	1.6%
2020	104.2	2019-2020	2.5%
2021	101.3	2020-2021	-2.8%
2022	99.6	2021-2022	-1.7%
2023	123.5	2022-2023	24.1%
2024	124.8	2023-2024	1.0%
2029	134.3	CAGR 2024-2029	7.6%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

The Gasket, Packing, And Sealing Device Manufacturing Industry gross operating surplus will be \$508.1 million dollars in 2023 and to change by 24.1 percent from 2022 to 2023 in Switzerland.

The gross operating surplus will be \$513.4 million dollars in 2024 and is forecast to change by 1 percent from 2023 to 2024.

Switzerland



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## INDUSTRY SALES

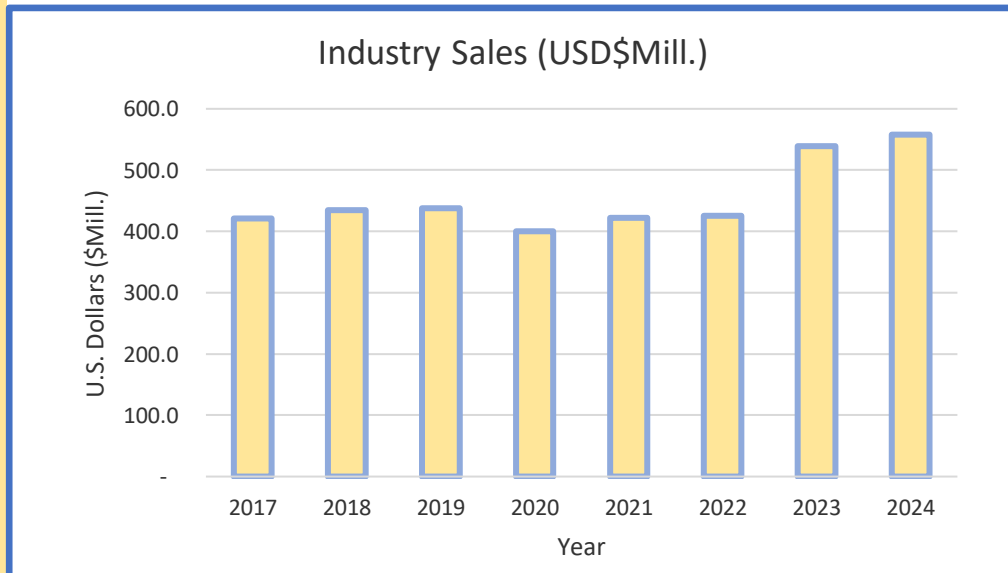
Year	Industry Sales (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	421.2		
2018	434.3	2017-2018	3.1%
2019	437.4	2018-2019	0.7%
2020	400.2	2019-2020	-8.5%
2021	422.3	2020-2021	5.5%
2022	425.5	2021-2022	0.7%
2023	539.0	2022-2023	26.7%
2024	558.1	2023-2024	3.5%
2029	636.0	CAGR 2024-2029	14.0%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Thailand

The Gasket, Packing, And Sealing Device Manufacturing Industry is forecast to be \$539.0 million dollars in 2023 and to change by 26.7 percent from 2022 to 2023 in Thailand.

The industry will be \$558.1 million dollars in 2024 and is forecast to change by 3.5 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## VALUE ADDED

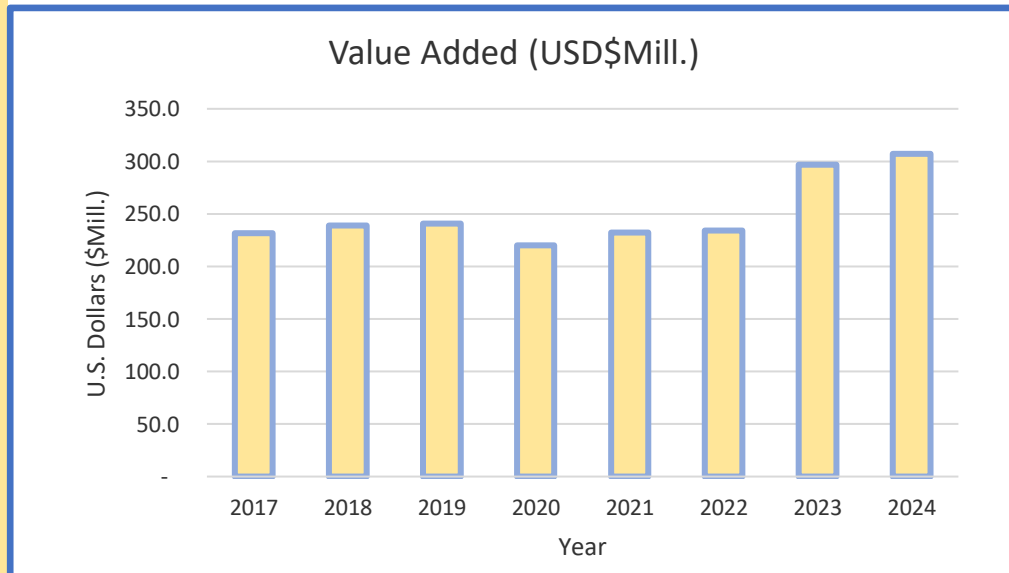
Year	Value Added (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	231.8		
2018	239.0	2017-2018	3.1%
2019	240.7	2018-2019	0.7%
2020	220.2	2019-2020	-8.5%
2021	232.4	2020-2021	5.5%
2022	234.1	2021-2022	0.7%
2023	296.7	2022-2023	26.7%
2024	307.2	2023-2024	3.5%
2029	350.0	CAGR 2024-2029	14.0%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Thailand

The Gasket, Packing, And Sealing Device Manufacturing Industry value added will be \$539.0 million dollars in 2023 and to change by 26.7 percent from 2022 to 2023 in Thailand.

The value added will be \$558.1 million dollars in 2024 and is forecast to change by 3.5 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## INTERMEDIATE INPUTS

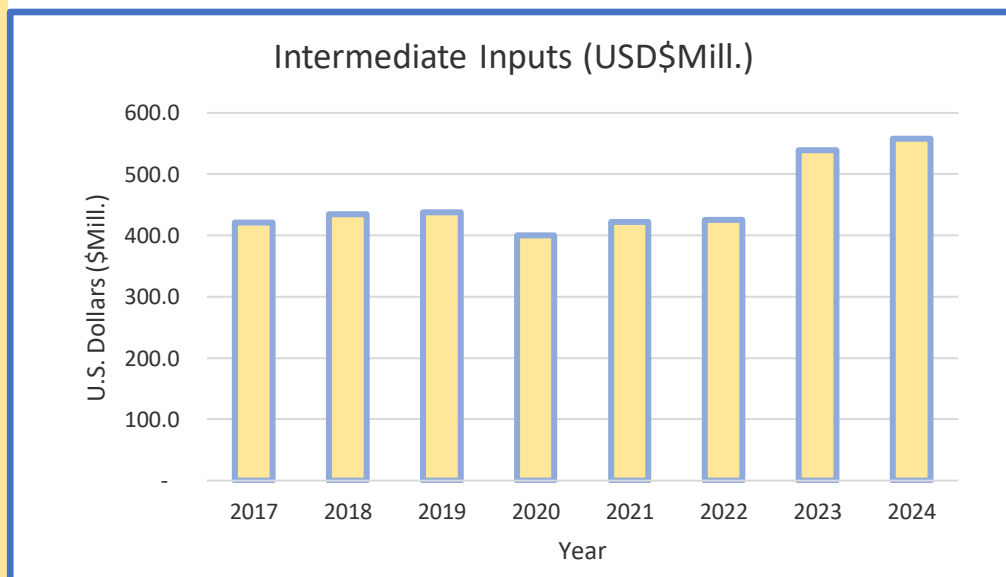
Intermediate Inputs (USD\$Mill.)			
Year	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	421.2		
2018	434.3	2017-2018	3.1%
2019	437.4	2018-2019	0.7%
2020	400.2	2019-2020	-8.5%
2021	422.3	2020-2021	5.5%
2022	425.5	2021-2022	0.7%
2023	539.0	2022-2023	26.7%
2024	558.1	2023-2024	3.5%
2029	636.0	CAGR 2024-2029	14.0%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

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The intermediate inputs will be \$558.1 million dollars in 2024 and is forecast to change by 3.5 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## GROSS OPERATING SURPLUS

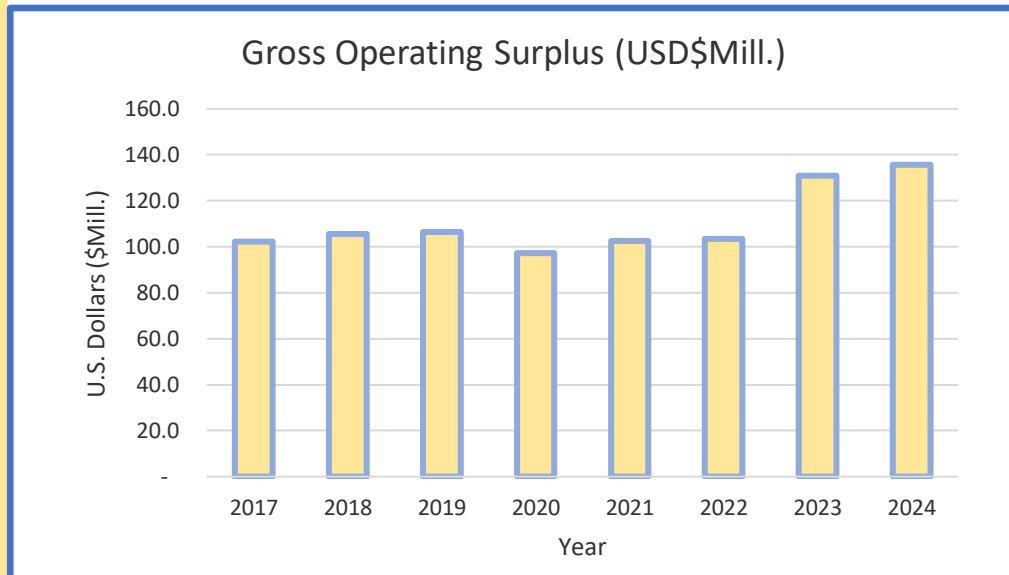
Gross Operating Surplus (USD\$Mill.)			
Year	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	102.4		
2018	105.6	2017-2018	3.1%
2019	106.3	2018-2019	0.7%
2020	97.3	2019-2020	-8.5%
2021	102.7	2020-2021	5.5%
2022	103.4	2021-2022	0.7%
2023	131.1	2022-2023	26.7%
2024	135.7	2023-2024	3.5%
2029	154.6	CAGR 2024-2029	14.0%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Thailand

The Gasket, Packing, And Sealing Device Manufacturing Industry gross operating surplus will be \$539.0 million dollars in 2023 and to change by 26.7 percent from 2022 to 2023 in Thailand.

The gross operating surplus will be \$558.1 million dollars in 2024 and is forecast to change by 3.5 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## INDUSTRY SALES

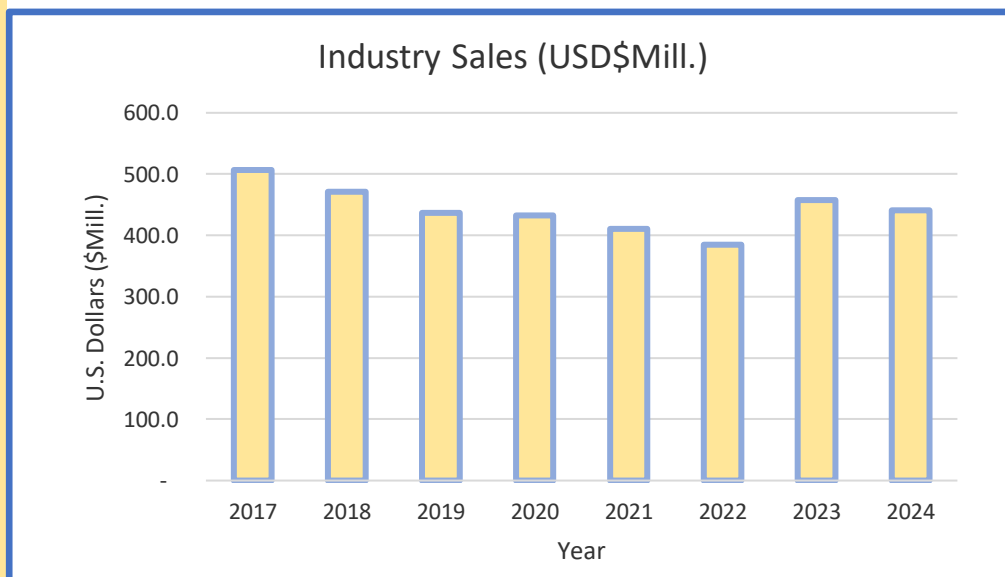
Year	Industry Sales (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	506.7		
2018	471.2	2017-2018	-7.0%
2019	436.5	2018-2019	-7.4%
2020	432.7	2019-2020	-0.9%
2021	411.1	2020-2021	-5.0%
2022	384.8	2021-2022	-6.4%
2023	457.6	2022-2023	18.9%
2024	440.8	2023-2024	-3.7%
2029	413.4	CAGR 2024-2029	-6.2%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Turkey

The Gasket, Packing, And Sealing Device Manufacturing Industry is forecast to be \$457.6 million dollars in 2023 and to change by 18.9 percent from 2022 to 2023 in Turkey.

The industry will be \$440.8 million dollars in 2024 and is forecast to change by -3.7 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## VALUE ADDED

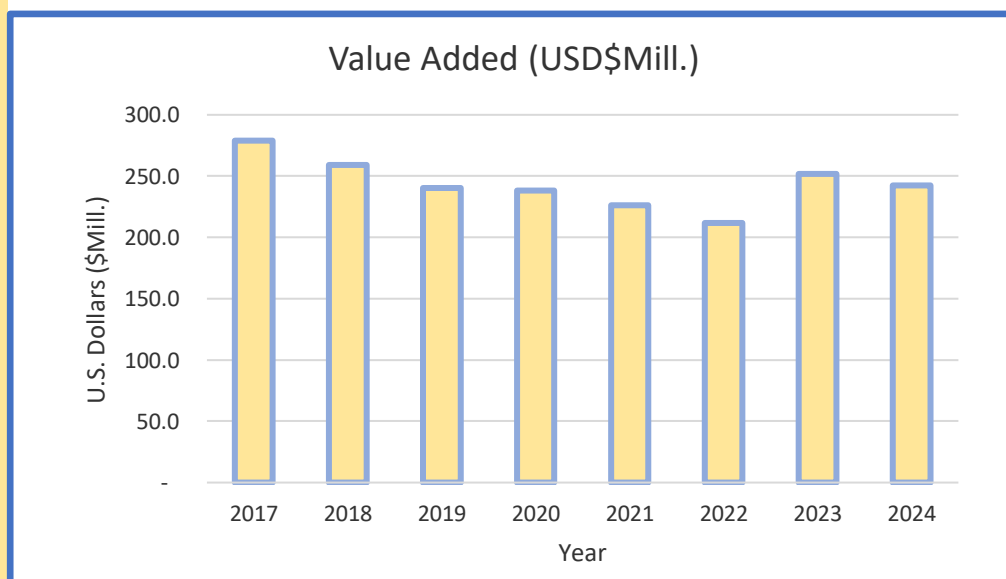
Year	Value Added (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	278.9		
2018	259.3	2017-2018	-7.0%
2019	240.2	2018-2019	-7.4%
2020	238.1	2019-2020	-0.9%
2021	226.2	2020-2021	-5.0%
2022	211.8	2021-2022	-6.4%
2023	251.9	2022-2023	18.9%
2024	242.6	2023-2024	-3.7%
2029	227.5	CAGR 2024-2029	-6.2%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Turkey

The Gasket, Packing, And Sealing Device Manufacturing Industry value added will be \$457.6 million dollars in 2023 and to change by 18.9 percent from 2022 to 2023 in Turkey.

The value added will be \$440.8 million dollars in 2024 and is forecast to change by -3.7 percent from 2023 to 2024.



Source: Wharry Sharpe Research



# Gasket, Packing, And Sealing Device Manufacturing Industry

## INTERMEDIATE INPUTS

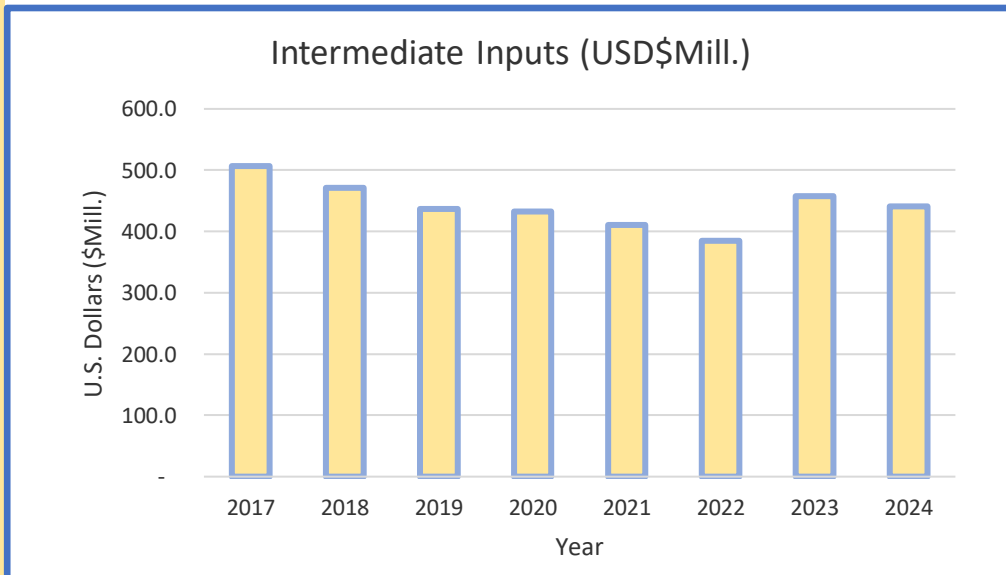
Year	Intermediate Inputs (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	506.7		
2018	471.2	2017-2018	-7.0%
2019	436.5	2018-2019	-7.4%
2020	432.7	2019-2020	-0.9%
2021	411.1	2020-2021	-5.0%
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The intermediate inputs will be \$440.8 million dollars in 2024 and is forecast to change by -3.7 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## GROSS OPERATING SURPLUS

Gross Operating Surplus (USD\$Mill.)			
Year	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	123.2		
2018	114.6	2017-2018	-7.0%
2019	106.1	2018-2019	-7.4%
2020	105.2	2019-2020	-0.9%
2021	100.0	2020-2021	-5.0%
2022	93.6	2021-2022	-6.4%
2023	111.3	2022-2023	18.9%
2024	107.2	2023-2024	-3.7%
2029	100.5	CAGR 2024-2029	-6.2%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Turkey

The Gasket, Packing, And Sealing Device Manufacturing Industry gross operating surplus will be \$457.6 million dollars in 2023 and to change by 18.9 percent from 2022 to 2023 in Turkey.

The gross operating surplus will be \$440.8 million dollars in 2024 and is forecast to change by -3.7 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

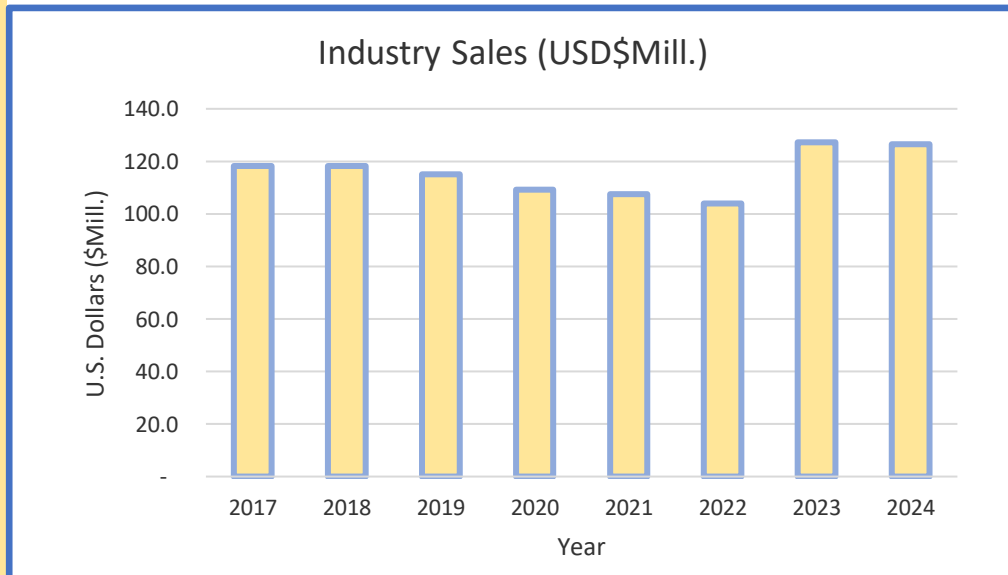
United Arab Emirates

## INDUSTRY SALES

Year	Industry Sales (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	118.2		
2018	118.3	2017-2018	0.1%
2019	115.2	2018-2019	-2.6%
2020	109.2	2019-2020	-5.2%
2021	107.6	2020-2021	-1.5%
2022	104.0	2021-2022	-3.3%
2023	127.2	2022-2023	22.3%
2024	126.4	2023-2024	-0.6%
2029	129.6	CAGR 2024-2029	2.5%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

The Gasket, Packing, And Sealing Device Manufacturing Industry is forecast to be \$127.2 million dollars in 2023 and to change by 22.3 percent from 2022 to 2023 in United Arab Emirates. The industry will be \$126.4 million dollars in 2024 and is forecast to change by -0.6 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## United Arab Emirates

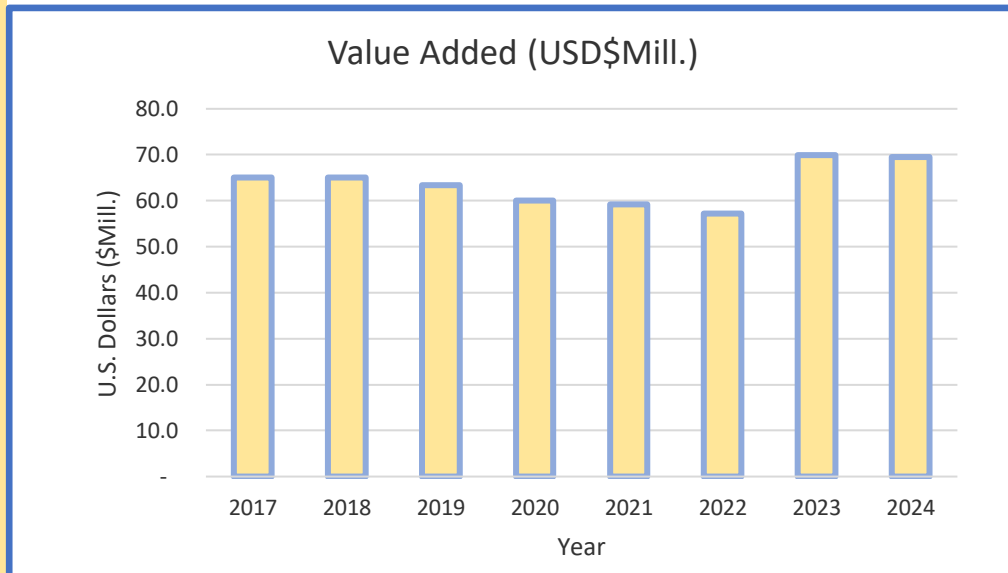
### VALUE ADDED

Year	Value Added (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	65.0		
2018	65.1	2017-2018	0.1%
2019	63.4	2018-2019	-2.6%
2020	60.1	2019-2020	-5.2%
2021	59.2	2020-2021	-1.5%
2022	57.2	2021-2022	-3.3%
2023	70.0	2022-2023	22.3%
2024	69.6	2023-2024	-0.6%
2029	71.3	CAGR 2024-2029	2.5%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

The Gasket, Packing, And Sealing Device Manufacturing Industry value added will be \$127.2 million dollars in 2023 and to change by 22.3 percent from 2022 to 2023 in United Arab Emirates.

The value added will be \$126.4 million dollars in 2024 and is forecast to change by -0.6 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

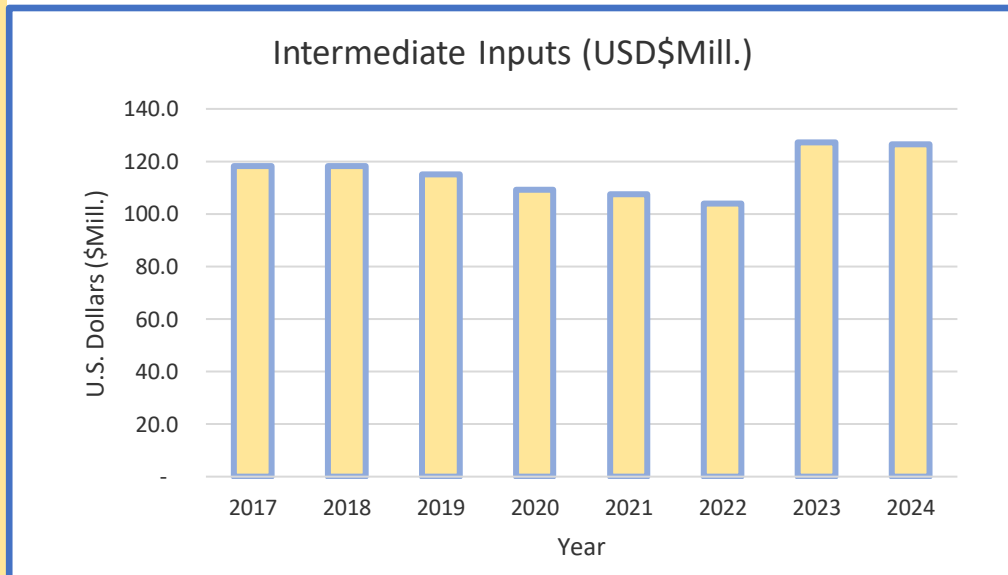
## United Arab Emirates

### INTERMEDIATE INPUTS

Year	Intermediate Inputs (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	118.2		
2018	118.3	2017-2018	0.1%
2019	115.2	2018-2019	-2.6%
2020	109.2	2019-2020	-5.2%
2021	107.6	2020-2021	-1.5%
2022	104.0	2021-2022	-3.3%
2023	127.2	2022-2023	22.3%
2024	126.4	2023-2024	-0.6%
2029	129.6	CAGR 2024-2029	2.5%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

The Gasket, Packing, And Sealing Device Manufacturing Industry intermediate inputs will be \$127.2 million dollars in 2023 and to change by 22.3 percent from 2022 to 2023 in United Arab Emirates. The intermediate inputs will be \$126.4 million dollars in 2024 and is forecast to change by -0.6 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

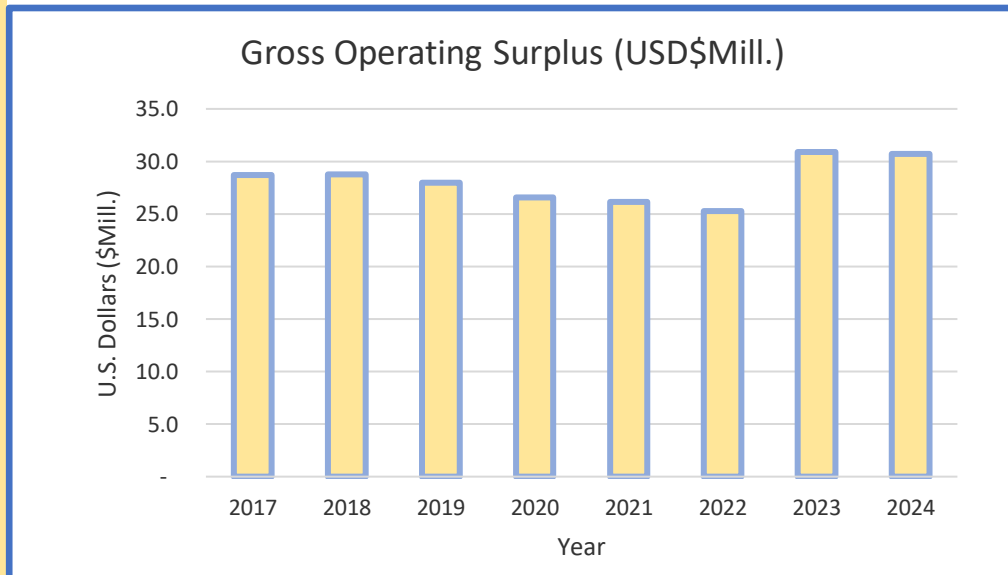
## United Arab Emirates

### GROSS OPERATING SURPLUS

Gross Operating Surplus (USD\$Mill.)			
Year	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	28.7		
2018	28.8	2017-2018	0.1%
2019	28.0	2018-2019	-2.6%
2020	26.5	2019-2020	-5.2%
2021	26.2	2020-2021	-1.5%
2022	25.3	2021-2022	-3.3%
2023	30.9	2022-2023	22.3%
2024	30.7	2023-2024	-0.6%
2029	31.5	CAGR 2024-2029	2.5%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

The Gasket, Packing, And Sealing Device Manufacturing Industry gross operating surplus will be \$127.2 million dollars in 2023 and to change by 22.3 percent from 2022 to 2023 in United Arab Emirates. The gross operating surplus will be \$126.4 million dollars in 2024 and is forecast to change by -0.6 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

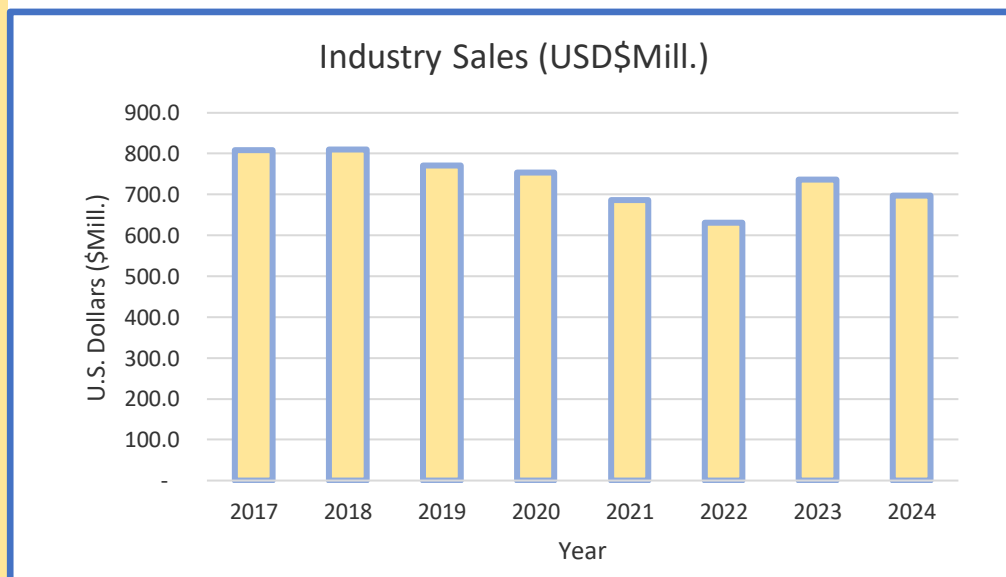
## INDUSTRY SALES

Year	Industry Sales (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	808.9		
2018	810.9	2017-2018	0.3%
2019	770.7	2018-2019	-5.0%
2020	753.4	2019-2020	-2.2%
2021	685.7	2020-2021	-9.0%
2022	631.0	2021-2022	-8.0%
2023	736.0	2022-2023	16.6%
2024	696.8	2023-2024	-5.3%
2029	574.5	CAGR 2024-2029	-17.6%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

The Gasket, Packing, And Sealing Device Manufacturing Industry is forecast to be \$736.0 million dollars in 2023 and to change by 16.6 percent from 2022 to 2023 in United Kingdom. The industry will be \$696.8 million dollars in 2024 and is forecast to change by -5.3 percent from 2023 to 2024.

United Kingdom



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## United Kingdom

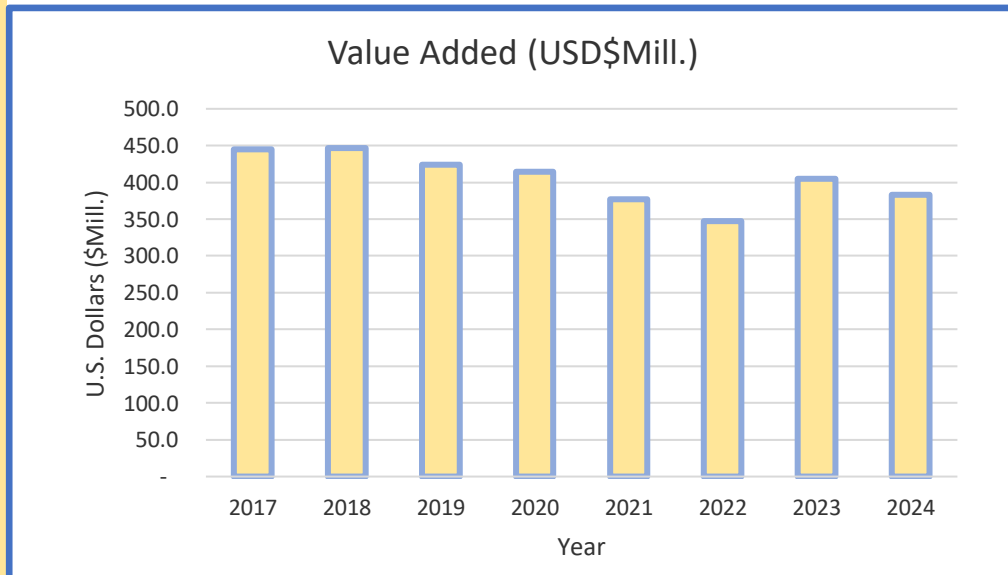
### VALUE ADDED

Year	Value Added (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	445.2		
2018	446.3	2017-2018	0.3%
2019	424.1	2018-2019	-5.0%
2020	414.6	2019-2020	-2.2%
2021	377.4	2020-2021	-9.0%
2022	347.3	2021-2022	-8.0%
2023	405.1	2022-2023	16.6%
2024	383.5	2023-2024	-5.3%
2029	316.2	CAGR 2024-2029	-17.6%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

The Gasket, Packing, And Sealing Device Manufacturing Industry value added will be \$736.0 million dollars in 2023 and to change by 16.6 percent from 2022 to 2023 in United Kingdom.

The value added will be \$696.8 million dollars in 2024 and is forecast to change by -5.3 percent from 2023 to 2024.



Source: Wharry Sharpe Research



# Gasket, Packing, And Sealing Device Manufacturing Industry

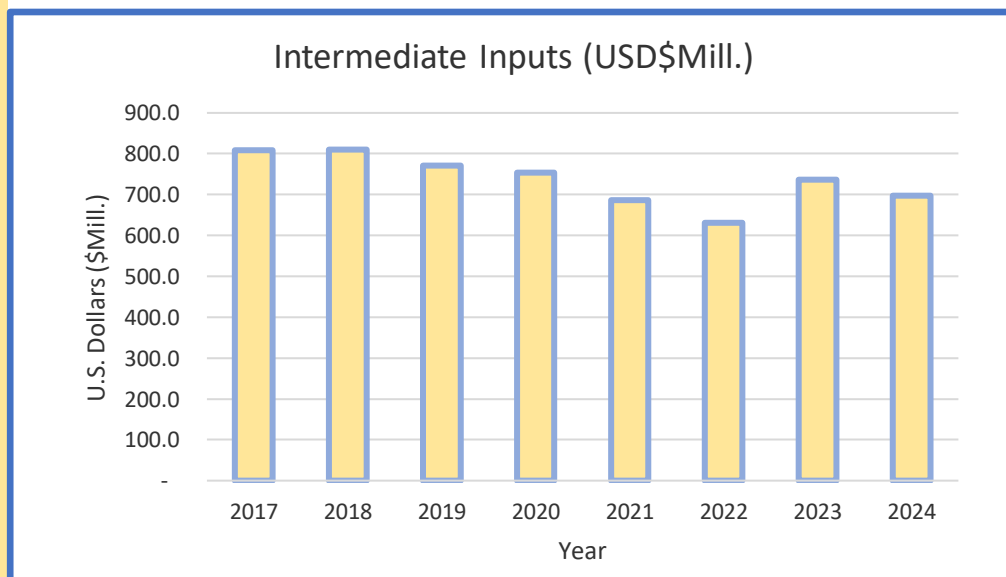
## INTERMEDIATE INPUTS

Year	Intermediate Inputs (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	808.9		
2018	810.9	2017-2018	0.3%
2019	770.7	2018-2019	-5.0%
2020	753.4	2019-2020	-2.2%
2021	685.7	2020-2021	-9.0%
2022	631.0	2021-2022	-8.0%
2023	736.0	2022-2023	16.6%
2024	696.8	2023-2024	-5.3%
2029	574.5	CAGR 2024-2029	-17.6%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

The Gasket, Packing, And Sealing Device Manufacturing Industry intermediate inputs will be \$736.0 million dollars in 2023 and to change by 16.6 percent from 2022 to 2023 in United Kingdom. The intermediate inputs will be \$696.8 million dollars in 2024 and is forecast to change by -5.3 percent from 2023 to 2024.

United Kingdom



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

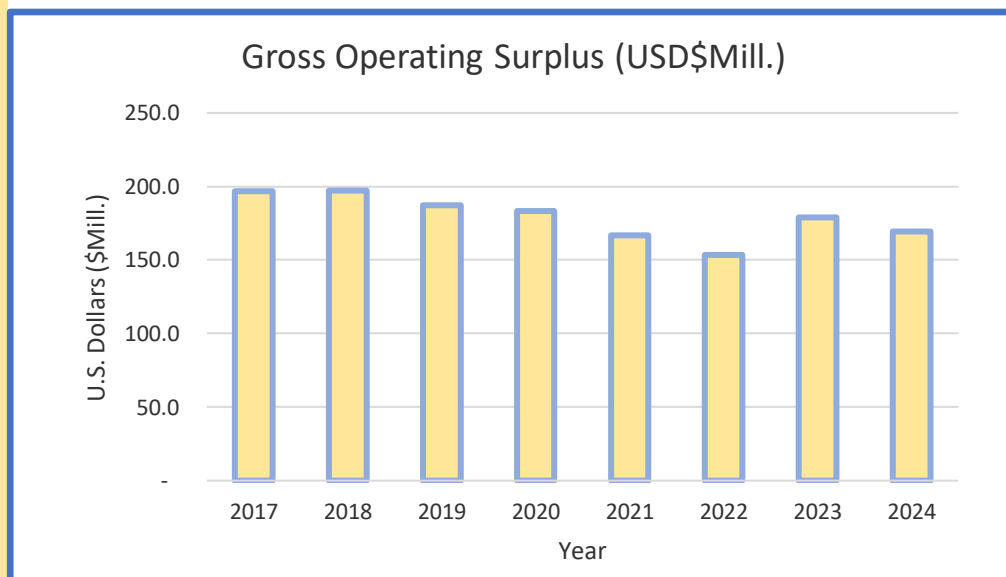
## GROSS OPERATING SURPLUS

Gross Operating Surplus (USD\$Mill.)			
Year	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	196.7		
2018	197.2	2017-2018	0.3%
2019	187.4	2018-2019	-5.0%
2020	183.2	2019-2020	-2.2%
2021	166.7	2020-2021	-9.0%
2022	153.4	2021-2022	-8.0%
2023	179.0	2022-2023	16.6%
2024	169.4	2023-2024	-5.3%
2029	139.7	CAGR 2024-2029	-17.6%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

The Gasket, Packing, And Sealing Device Manufacturing Industry gross operating surplus will be \$736.0 million dollars in 2023 and to change by 16.6 percent from 2022 to 2023 in United Kingdom. The gross operating surplus will be \$696.8 million dollars in 2024 and is forecast to change by -5.3 percent from 2023 to 2024.

United Kingdom



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## INDUSTRY SALES

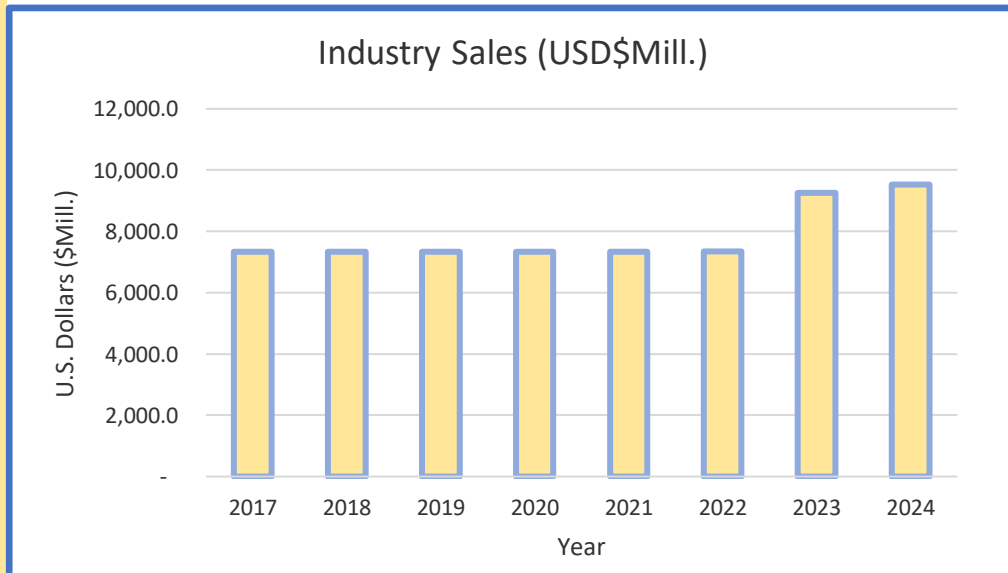
Year	Industry Sales (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	7,342.5		
2018	7,343.2	2017-2018	0.0%
2019	7,343.9	2018-2019	0.0%
2020	7,344.6	2019-2020	0.0%
2021	7,345.4	2020-2021	0.0%
2022	7,346.1	2021-2022	0.0%
2023	9,264.1	2022-2023	26.1%
2024	9,525.6	2023-2024	2.8%
2029	10,826.6	CAGR 2024-2029	13.7%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

The Gasket, Packing, And Sealing Device Manufacturing Industry is forecast to be \$9,264.1 million dollars in 2023 and to change by 26.1 percent from 2022 to 2023 in United States.

The industry will be \$9,525.6 million dollars in 2024 and is forecast to change by 2.8 percent from 2023 to 2024.

United States



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## VALUE ADDED

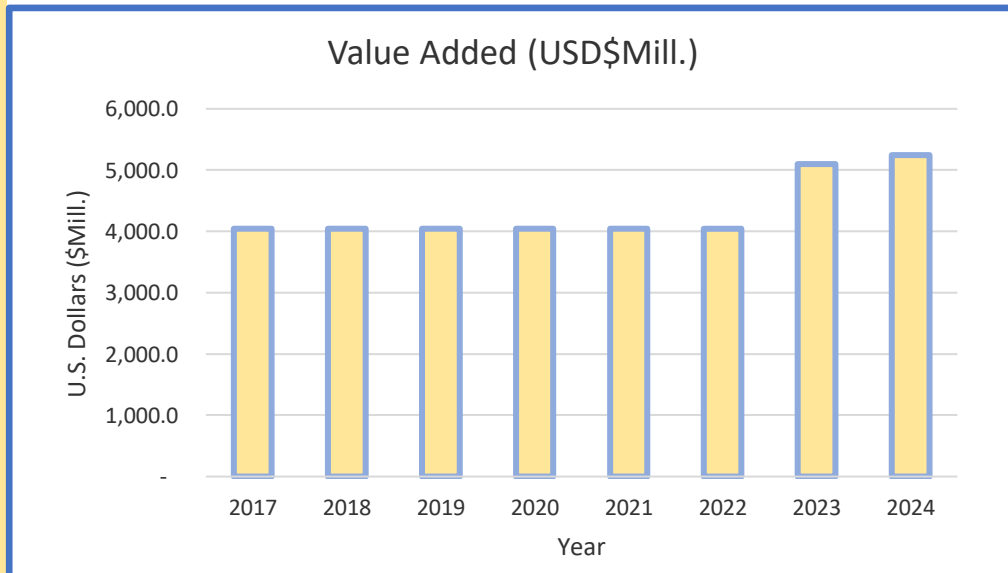
Year	Value Added (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	4,040.8		
2018	4,041.2	2017-2018	0.0%
2019	4,041.6	2018-2019	0.0%
2020	4,042.0	2019-2020	0.0%
2021	4,042.4	2020-2021	0.0%
2022	4,042.8	2021-2022	0.0%
2023	5,098.3	2022-2023	26.1%
2024	5,242.3	2023-2024	2.8%
2029	5,958.3	CAGR 2024-2029	13.7%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

The Gasket, Packing, And Sealing Device Manufacturing Industry value added will be \$9,264.1 million dollars in 2023 and to change by 26.1 percent from 2022 to 2023 in United States.

The value added will be \$9,525.6 million dollars in 2024 and is forecast to change by 2.8 percent from 2023 to 2024.

United States



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## INTERMEDIATE INPUTS

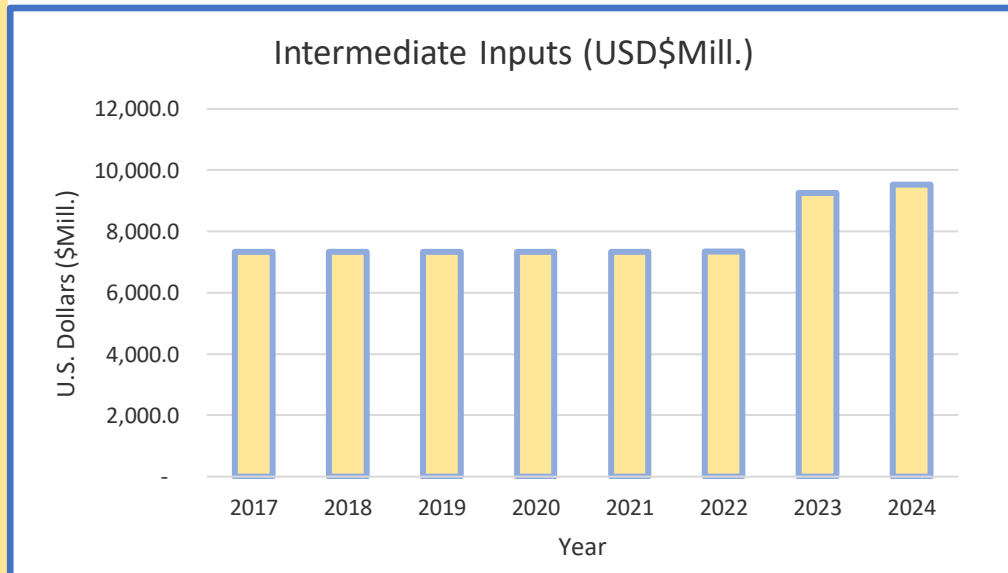
Intermediate Inputs (USD\$Mill.)			
Year	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	7,342.5		
2018	7,343.2	2017-2018	0.0%
2019	7,343.9	2018-2019	0.0%
2020	7,344.6	2019-2020	0.0%
2021	7,345.4	2020-2021	0.0%
2022	7,346.1	2021-2022	0.0%
2023	9,264.1	2022-2023	26.1%
2024	9,525.6	2023-2024	2.8%
2029	10,826.6	CAGR 2024-2029	13.7%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

The Gasket, Packing, And Sealing Device Manufacturing Industry intermediate inputs will be \$9,264.1 million dollars in 2023 and to change by 26.1 percent from 2022 to 2023 in United States.

The intermediate inputs will be \$9,525.6 million dollars in 2024 and is forecast to change by 2.8 percent from 2023 to 2024.

United States



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## GROSS OPERATING SURPLUS

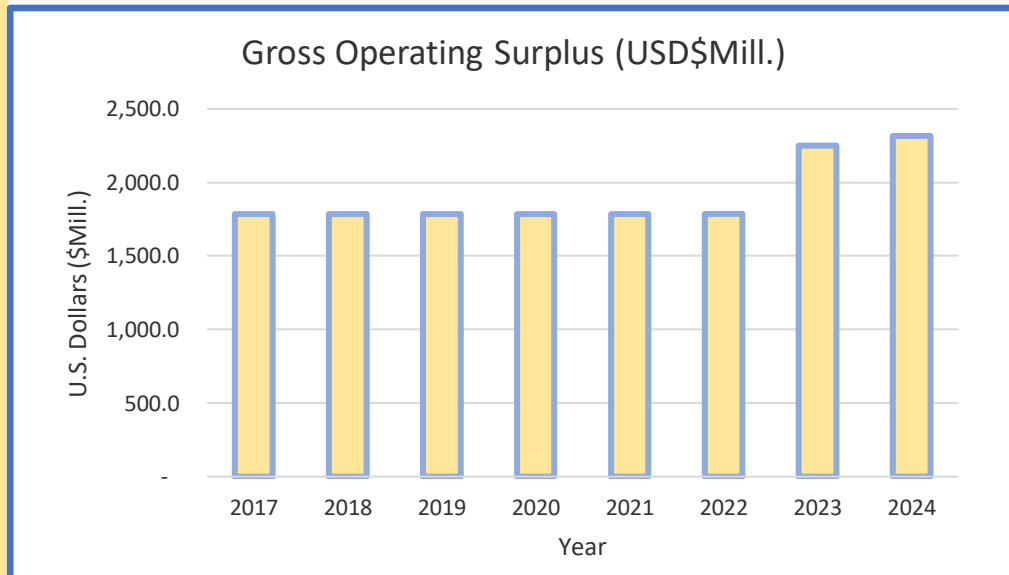
Gross Operating Surplus (USD\$Mill.)			
Year	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	1,785.2		
2018	1,785.3	2017-2018	0.0%
2019	1,785.5	2018-2019	0.0%
2020	1,785.7	2019-2020	0.0%
2021	1,785.9	2020-2021	0.0%
2022	1,786.1	2021-2022	0.0%
2023	2,252.4	2022-2023	26.1%
2024	2,315.9	2023-2024	2.8%
2029	2,632.3	CAGR 2024-2029	13.7%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

The Gasket, Packing, And Sealing Device Manufacturing Industry gross operating surplus will be \$9,264.1 million dollars in 2023 and to change by 26.1 percent from 2022 to 2023 in United States.

The gross operating surplus will be \$9,525.6 million dollars in 2024 and is forecast to change by 2.8 percent from 2023 to 2024.

United States



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## INDUSTRY SALES

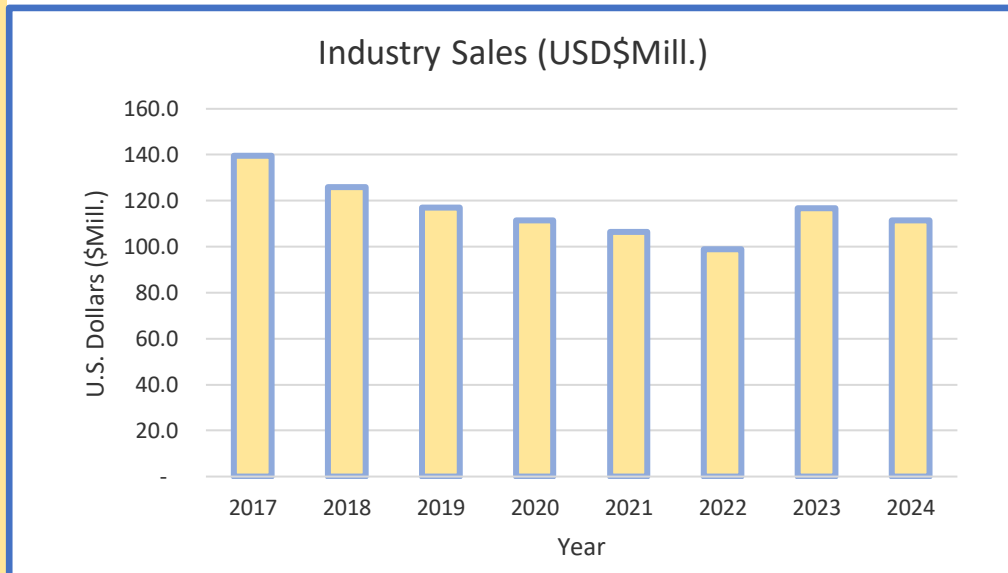
Year	Industry Sales (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	139.6		
2018	125.9	2017-2018	-9.8%
2019	117.0	2018-2019	-7.1%
2020	111.3	2019-2020	-4.8%
2021	106.6	2020-2021	-4.3%
2022	98.9	2021-2022	-7.2%
2023	116.6	2022-2023	17.9%
2024	111.4	2023-2024	-4.5%
2029	100.2	CAGR 2024-2029	-10.1%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

The Gasket, Packing, And Sealing Device Manufacturing Industry is forecast to be \$116.6 million dollars in 2023 and to change by 17.9 percent from 2022 to 2023 in Venezuela.

The industry will be \$111.4 million dollars in 2024 and is forecast to change by -4.5 percent from 2023 to 2024.

Venezuela



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## VALUE ADDED

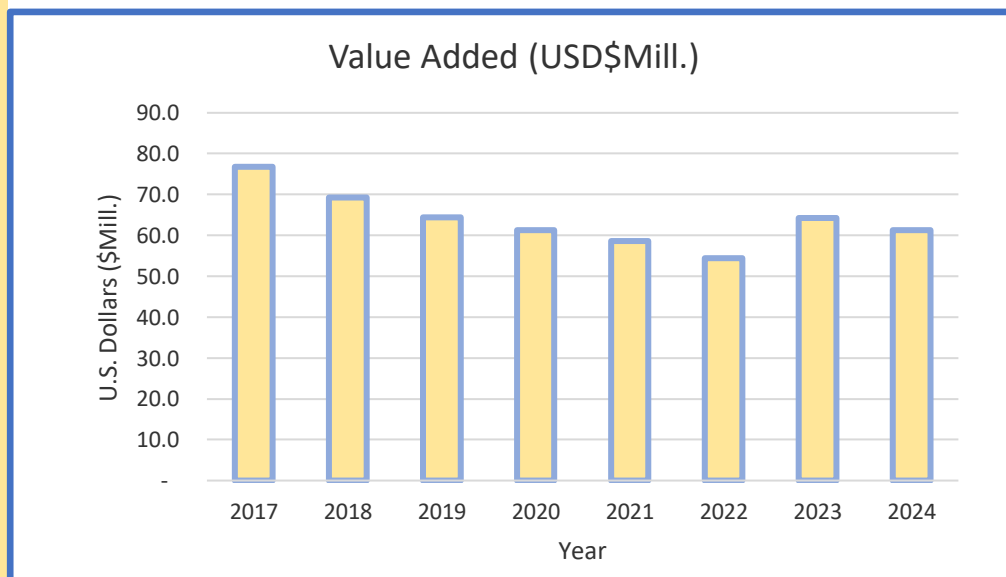
Year	Value Added (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	76.8		
2018	69.3	2017-2018	-9.8%
2019	64.4	2018-2019	-7.1%
2020	61.3	2019-2020	-4.8%
2021	58.6	2020-2021	-4.3%
2022	54.4	2021-2022	-7.2%
2023	64.2	2022-2023	17.9%
2024	61.3	2023-2024	-4.5%
2029	55.1	CAGR 2024-2029	-10.1%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

The Gasket, Packing, And Sealing Device Manufacturing Industry value added will be \$116.6 million dollars in 2023 and to change by 17.9 percent from 2022 to 2023 in Venezuela.

The value added will be \$111.4 million dollars in 2024 and is forecast to change by -4.5 percent from 2023 to 2024.

Venezuela



Source: Wharry Sharpe Research



# Gasket, Packing, And Sealing Device Manufacturing Industry

## INTERMEDIATE INPUTS

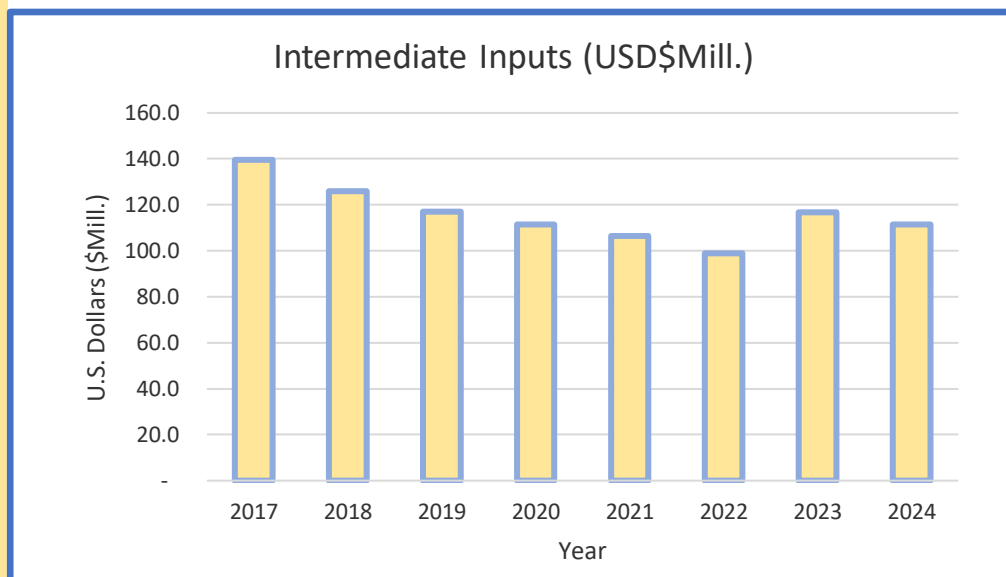
Year	Intermediate Inputs (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	139.6		
2018	125.9	2017-2018	-9.8%
2019	117.0	2018-2019	-7.1%
2020	111.3	2019-2020	-4.8%
2021	106.6	2020-2021	-4.3%
2022	98.9	2021-2022	-7.2%
2023	116.6	2022-2023	17.9%
2024	111.4	2023-2024	-4.5%
2029	100.2	CAGR 2024-2029	-10.1%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

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The intermediate inputs will be \$111.4 million dollars in 2024 and is forecast to change by -4.5 percent from 2023 to 2024.

Venezuela



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## GROSS OPERATING SURPLUS

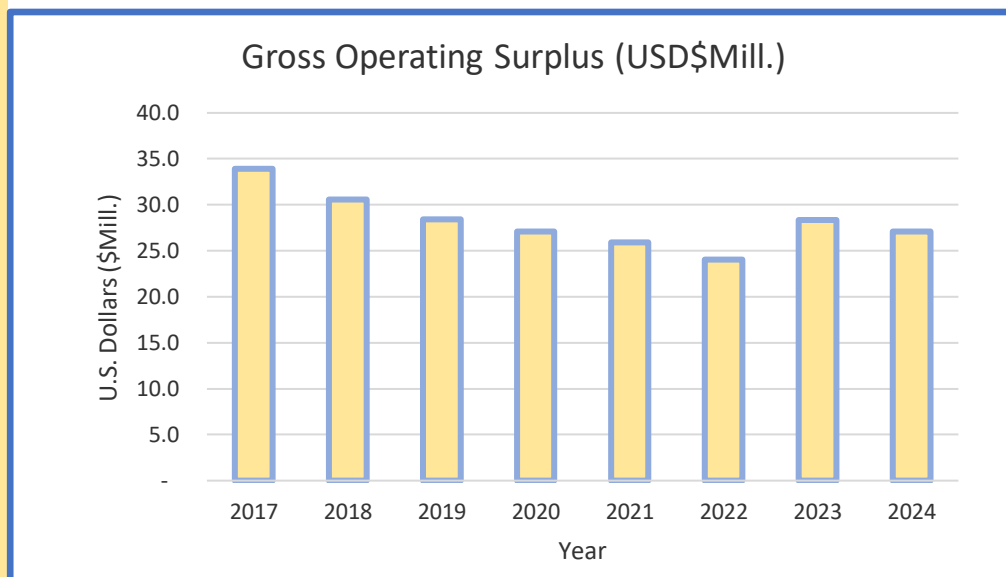
Gross Operating Surplus (USD\$Mill.)			
Year	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	33.9		
2018	30.6	2017-2018	-9.8%
2019	28.4	2018-2019	-7.1%
2020	27.1	2019-2020	-4.8%
2021	25.9	2020-2021	-4.3%
2022	24.0	2021-2022	-7.2%
2023	28.4	2022-2023	17.9%
2024	27.1	2023-2024	-4.5%
2029	24.4	CAGR 2024-2029	-10.1%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

The Gasket, Packing, And Sealing Device Manufacturing Industry gross operating surplus will be \$116.6 million dollars in 2023 and to change by 17.9 percent from 2022 to 2023 in Venezuela.

The gross operating surplus will be \$111.4 million dollars in 2024 and is forecast to change by -4.5 percent from 2023 to 2024.

Venezuela



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## INDUSTRY SALES

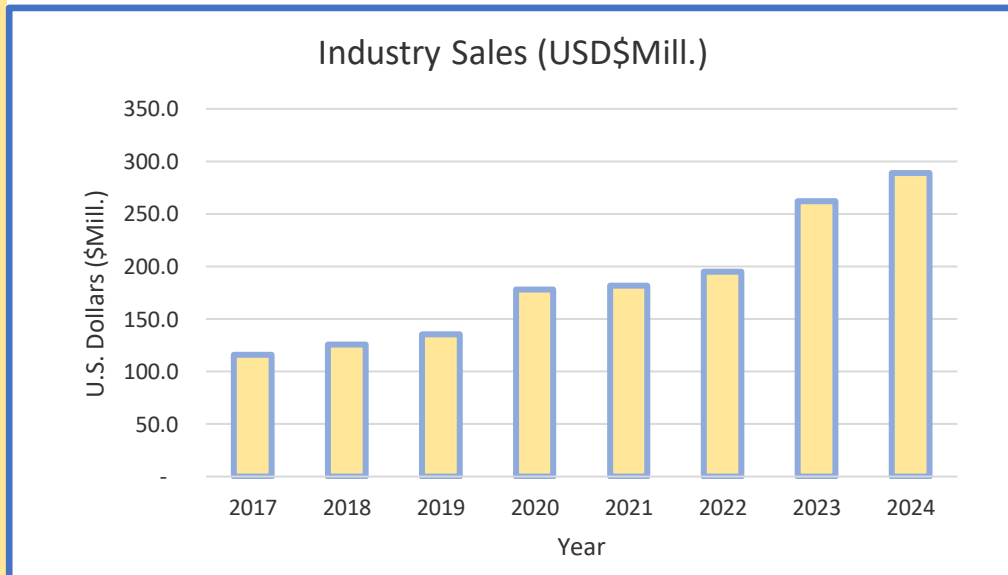
Year	Industry Sales (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	115.9		
2018	125.8	2017-2018	8.5%
2019	135.4	2018-2019	7.6%
2020	177.8	2019-2020	31.3%
2021	181.7	2020-2021	2.2%
2022	195.0	2021-2022	7.3%
2023	262.3	2022-2023	34.6%
2024	289.1	2023-2024	10.2%
2029	433.4	CAGR 2024-2029	49.9%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Vietnam

The Gasket, Packing, And Sealing Device Manufacturing Industry is forecast to be \$262.3 million dollars in 2023 and to change by 34.6 percent from 2022 to 2023 in Vietnam.

The industry will be \$289.1 million dollars in 2024 and is forecast to change by 10.2 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## VALUE ADDED

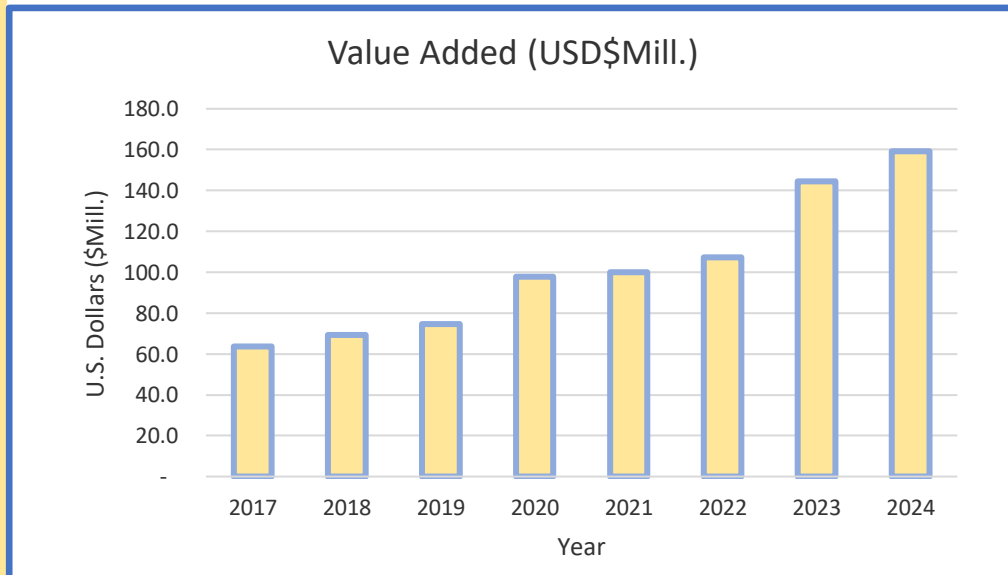
Year	Value Added (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	63.8		
2018	69.2	2017-2018	8.5%
2019	74.5	2018-2019	7.6%
2020	97.8	2019-2020	31.3%
2021	100.0	2020-2021	2.2%
2022	107.3	2021-2022	7.3%
2023	144.4	2022-2023	34.6%
2024	159.1	2023-2024	10.2%
2029	238.5	CAGR 2024-2029	49.9%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Vietnam

The Gasket, Packing, And Sealing Device Manufacturing Industry value added will be \$262.3 million dollars in 2023 and to change by 34.6 percent from 2022 to 2023 in Vietnam.

The value added will be \$289.1 million dollars in 2024 and is forecast to change by 10.2 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## INTERMEDIATE INPUTS

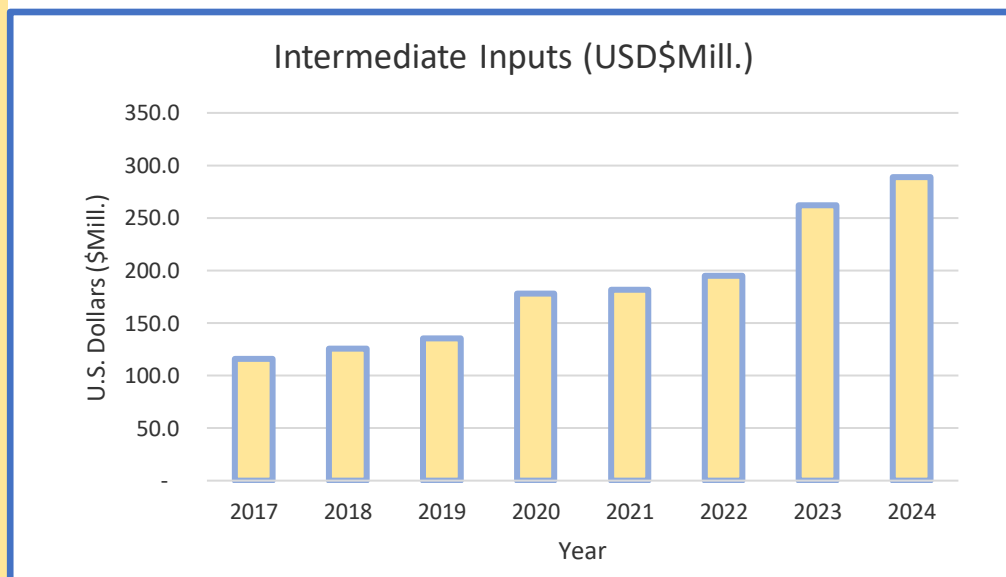
Year	Intermediate Inputs (USD\$Mill.)		
	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	115.9		
2018	125.8	2017-2018	8.5%
2019	135.4	2018-2019	7.6%
2020	177.8	2019-2020	31.3%
2021	181.7	2020-2021	2.2%
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2024	289.1	2023-2024	10.2%
2029	433.4	CAGR 2024-2029	49.9%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Vietnam

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The intermediate inputs will be \$289.1 million dollars in 2024 and is forecast to change by 10.2 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## GROSS OPERATING SURPLUS

Gross Operating Surplus (USD\$Mill.)			
Year	US Dollars	Y-to-Y Change	Y-to-Y Change
2017	28.2		
2018	30.6	2017-2018	8.5%
2019	32.9	2018-2019	7.6%
2020	43.2	2019-2020	31.3%
2021	44.2	2020-2021	2.2%
2022	47.4	2021-2022	7.3%
2023	63.8	2022-2023	34.6%
2024	70.3	2023-2024	10.2%
2029	105.4	CAGR 2024-2029	49.9%

Historical actual data are 2017-2021, forecasts are 2022-2023, and projections are 2024-2029.

Vietnam

The Gasket, Packing, And Sealing Device Manufacturing Industry gross operating surplus will be \$262.3 million dollars in 2023 and to change by 34.6 percent from 2022 to 2023 in Vietnam.

The gross operating surplus will be \$289.1 million dollars in 2024 and is forecast to change by 10.2 percent from 2023 to 2024.



Source: Wharry Sharpe Research

# Gasket, Packing, And Sealing Device Manufacturing Industry

## APPENDIX

### Primary Data Sources for Global Industry Outlook reports

#### U.S. Economic Census

General Definition From U.S. Census

Every five years, the U.S. Census Bureau collects extensive statistics about businesses that are essential to understanding the American economy. This official count, better known as the Economic Census, serves as the foundation for the measurement of U.S. businesses and their economic impact. As part of the Census Bureau's mission to provide timely information on the health of the U.S. economy, this "business" census serves as the most extensive collection of data related to business activity. Nearly 4 million business locations, large, medium, and small, covering most industries and all geographic areas of the United States will receive surveys tailored to their primary business activity.

#### U.S. County Business Patterns

General Definition From U.S. Census

County Business Patterns (CBP) is an annual series that provides subnational economic data by industry. This series includes the number of establishments, employment during the week of March 12, first quarter payroll, and annual payroll. This data is useful for studying the economic activity of small areas; analyzing economic changes over time; and as a benchmark for other statistical series, surveys, and databases between economic censuses. Businesses use the data for analyzing market potential, measuring the effectiveness of sales and advertising programs, setting sales quotas, and developing budgets. Government agencies use the data for administration and planning.

#### Supply of Commodities/Use of Commodities

General Definition From U.S. Bureau of Economic Analysis

In the economy, the total supply of commodities that are available for use are primarily those that are produced by domestic industry. However, additional commodities enter the supply as imports or as net withdrawals from inventory. The commodities that make up supply are disbursed either for intermediate use by industries to produce other commodities or for final use. Transactions span the broad range of these activities and involve both the derivation and the use of the supply of commodities. Examples of transactions include the following: Shipments of processed steel from the steel industry to automotive plants, exports of grain to foreign countries, withdrawals of petroleum from inventory, sales of appliances to consumers, payments of wages and salaries to employees, and payments of property taxes by businesses. In the real world, commodities are generally carried by some mode of transportation from the producer or importer to a wholesaler (and in the case of consumer goods, through a retailer) and then to the purchaser. Transactions show the direct flow of goods or services to users, but they do not explicitly show the flows through transportation and trade channels. For example, the sale of a washing machine to a consumer is shown as a transaction between the producer and the consumer.

Within final uses, transactions represent either a use of commodities or a part of the supply of commodities, depending on the type of final use. PCE, PFI, and government represent the use of commodities for either consumption or investment.

The domestic supply is the supply of commodities available to be consumed within the United States. It is equal to domestic output (in basic value) plus imports and sales from final uses minus exports and change in private inventories. In order to estimate the domestic supply of a commodity, it is necessary to estimate the detailed transactions for inventories, exports, imports, and sales of scrap and used goods.