

2025 GLOBAL HIGH TECH OUTLOOK

Product/Service Type: Cell Freezing Media for Cell Therapy Market

Industry: Medical Laboratories

Equipment Code: CEL2835

© Barnes Reports

2025

- *Market Reports*
- *Industry Trends*
- *Demographic Data*

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Printed in USA

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Global Markets (Summary)

Regional Markets

Country Name	Country Code	Country Name	Country Code
Argentina	ARG	Netherlands	NLD
Australia	AUS	Nigeria	NGA
Austria	AUT	Norway	NOR
Bangladesh	BGD	Pakistan	PAK
Belgium	BEL	Philippines	PHL
Brazil	BRA	Poland	POL
Canada	CAN	Puerto Rico	PRI
Chile	CHL	Romania	ROU
China	CHN	Russian Federation	RUS
Czech Republic	CZE	Saudi Arabia	SAU
Denmark	DNK	Singapore	SGP
Egypt, Arab Rep.	EGY	South Africa	ZAF
Finland	FIN	Spain	ESP
France	FRA	Sweden	SWE
Germany	DEU	Switzerland	CHE
India	IND	Thailand	THA
Indonesia	IDN	Turkey	TUR
Ireland	IRL	United Arab Emirates	ARE
Israel	ISR	United Kingdom	GBR
Italy	ITA	United States	USA
Japan	JPN	Venezuela, RB	VEN
Korea, Rep.	KOR	Vietnam	VNM
Malaysia	MYS		
Mexico	MEX		

Users' Guide

Product/Service Type: Cell Freezing Media for Cell Therapy Market

Industry: Medical Laboratories

About this Report

This report covers the global forecast for cell freezing media for cell therapy market produced in the cell freezing media for cell therapy market industry.

More than 40 countries are featured in this report as well as global and regional summaries. Estimates on equipment or material sales (product shipments value) are published for six historical years and two forecast years. Product shipments include the total value of all products produced and shipped by all producers. For selected products, this can represent value of receipts, value of production, or value of work done.

These estimates product shipment values are also considered "market potentials" because the calculations assume efficient, free markets. Estimates can vary in countries with inefficient, closed markets with such issues as oppressive regulations and tariffs, black markets, and political problems impacted a regular business cycle.

Published annually, this report provides a unique and accurate estimate on market sizing for this equipment/material using a proprietary economic model that integrates historical trends (horizontal analysis) and longitudinal analysis of incorporated industries (vertical analysis).

Product shipments value are presented in US Dollars and local currency units for historical and forecast years.

Regional summaries include North America, Europe, Asia-Pacific, Latin America, Africa, and Middle East. Percent shares are presented for each region as a share of the global market.

Product shipments values are also broken down by related costs, such as cost of materials, cost of fuels/electricity and value added, as well as capital expenditures, such as expenditures on buildings, machinery, vehicles and computers.

This report does not list key players/companies in the market but focuses on a top-down and outlook view of the market despite the existing and entering of market companies.

Users' Guide

Product/Service Type: Cell Freezing Media for Cell Therapy Market

Industry: Medical Laboratories

Users' Guide

Barnes Reports is a leading publisher of industry studies on U.S. and global industries and forecasts sales and employment demographics. As a way of making the most of this information, we have included a few suggestions and tips to aid users in processing and using this information.

Managers, planners, and market researchers use this information for a variety of activities:

- Sizing markets and segments – You can estimate the size of the regional markets you sell in and your company's market penetration into that market. You can do the same with the market segments in which you participate.
- Sales territory potential – You can estimate your market penetration and also the market potential in any regional area or market segment.
- Sales forecasting – With the estimates on the size of the industry, market researchers supporting a sales force can then estimate and forecast the future size of the industry.
- Advertising strategies – You can use this information for forecasting and estimating sales potential and target advertising campaigns.
- Competitive analysis – You will use the information to locate your possible competitors (if it is not already known), to estimate their size, growth and strengths and weaknesses and to see what market segments in which they participate.

We recognize that many managers today are asked to provide detailed analysis of their markets, sales territories, distribution channels, and product placements. We have organized these reports in a logical format making your market analysis and research tasks easy to accomplish.

Definitions & Methodology

Product/Service Type: Cell Freezing Media for Cell Therapy Market

Industry: Medical Laboratories

Market Definition

Cell freezing media for cell therapy refers to specialized solutions designed to preserve cells at low temperatures, ensuring their viability and functionality for therapeutic applications. These media are formulated to prevent ice crystal formation and osmotic shock during the freezing and thawing processes, which can compromise cell integrity. The market for cell freezing media is driven by the growing demand for cell-based therapies, advancements in regenerative medicine, and increasing investments in biobanking and research. Key players in this market develop proprietary formulations catering to various cell types, including stem cells, immune cells, and primary cells, enhancing the efficiency of cell preservation techniques.

Market Segmentation

The cell freezing media market for cell therapy can be segmented based on product type, application, and end-user. In terms of product type, segments include DMSO-based and non-DMSO-based media. Applications encompass hematopoietic stem cell preservation, therapeutic cell storage, and regenerative medicine. End-users are classified into hospitals, research laboratories, and biopharmaceutical companies. The growing demand for cell therapies in treating various diseases, coupled with advancements in cryopreservation techniques, drives innovation within these segments. Additionally, increasing investments in regenerative medicine research and development further enhance market growth, making it essential for companies to target specific segments to meet diverse customer needs effectively.

Market Applications

Cell freezing media are essential in the cell therapy market, enabling the preservation of cells for therapeutic applications. These media facilitate the safe freezing and thawing of various cell types, including stem cells, immune cells, and tissue-specific cells, ensuring their viability for transplantation or research. Applications range from regenerative medicine and cancer therapies to vaccine development and personalized treatments. The demand for cell therapy continues to rise, driven by advancements in biotechnology and growing prevalence of chronic diseases. As a result, the market for cell freezing media is expanding, with innovations focused on improving formulation stability, cryopreservation techniques, and overall cell recovery rates.

Definitions & Methodology

Product/Service Type: Cell Freezing Media for Cell Therapy Market

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Market End Users

The cell freezing media for cell therapy market primarily targets various end-users including biopharmaceutical companies, research institutions, and clinical laboratories. Biopharmaceutical companies utilize these media for the preservation of stem cells, immune cells, and other cellular products crucial for therapeutic applications. Research institutions employ cell freezing media for experimentation and development of novel therapies. Clinical laboratories rely on these products for the storage and transport of cells used in treatments such as CAR-T therapy. Additionally, hospitals and regenerative medicine facilities are increasingly adopting these media to enhance patient care in cell-based therapies, contributing to the market's growth and innovation.

Market Drivers

The Cell Freezing Media for Cell Therapy market is driven by several key factors. Firstly, the increasing prevalence of chronic diseases and the growing demand for cell-based therapies are propelling market growth. Advancements in regenerative medicine and the rise of personalized medicine further bolster this demand. Additionally, technological innovations in cryopreservation techniques enhance the viability of cells post-thaw, attracting investments. Regulatory approvals and collaborations among pharmaceutical companies also stimulate market expansion. Furthermore, the rising awareness of the benefits of stem cell therapies and the need for efficient storage solutions are significant market drivers, fostering a robust growth environment.

Definitions & Methodology

Product/Service Type: Cell Freezing Media for Cell Therapy Market

Industry: Medical Laboratories

Market Restraints

The cell freezing media for cell therapy market faces several restraints that could hinder its growth. High costs associated with advanced freezing media and cryopreservation technologies can limit accessibility for smaller laboratories and clinics. Regulatory challenges also pose significant barriers, as stringent compliance and approval processes may delay product launches. Additionally, the lack of standardized protocols for cell freezing can lead to inconsistencies in results, affecting adoption rates. Market competition from alternative preservation methods may further restrain growth. Lastly, limited awareness and understanding of cell therapy applications in emerging markets can restrict market expansion opportunities.

Methodology

Barnes Reports' Global High Tech and Emerging Markets report series provide estimates of the size and characteristics of the highest growth advanced market in the largest 140 global countries. These estimates are produced by a proprietary economic model that is based on a number of sources and factors:

1. The size of global market from the executive interviews, internet search, and government statistical databases over the last five years.
2. Estimate current and forecast size of global high-tech market using regression analysis.
3. Adjust estimates and forecasts using the most current global manufacturing, service, and retail sector data and trends. This adjustment adds vertical (industry) analysis to the forementioned horizontal (trend) analysis.
4. Global estimates use trend GDP data and the ratio of manufacturing, service, and retail sectors to GDP by country from World Bank databases to compare U.S. versus global countries size and trends.

Global Markets

Product/Service Type: Cell Freezing Media for Cell Therapy Market

Industry: Medical Laboratories

Market Size by Year (US\$ Millions)

Country Name	2020	2021	2022	2023	2024	2025	2026	2027
Argentina	0.7	0.8	1.2	1.2	1.4	1.7	2.0	2.4
Australia	3.0	3.4	3.7	3.8	4.3	5.1	5.6	6.2
Austria	0.9	1.0	1.0	1.1	1.2	1.4	1.4	1.5
Bangladesh	0.7	0.7	0.8	0.8	0.9	1.1	1.3	1.5
Belgium	1.2	1.3	1.4	1.6	1.7	2.0	2.2	2.4
Brazil	3.1	3.1	3.9	4.4	4.5	5.2	5.6	6.1
Canada	3.7	4.2	4.6	4.8	5.6	6.7	7.5	8.4
Chile	0.5	0.6	0.6	0.7	0.7	0.8	0.9	1.0
China	27.3	31.3	32.9	35.2	41.0	49.3	55.5	62.4
Czech Republic	0.5	0.5	0.6	0.7	0.8	1.0	1.1	1.3
Denmark	0.8	0.9	0.9	0.9	1.1	1.2	1.3	1.4
Egypt, Arab Rep.	0.6	0.7	0.8	0.7	1.1	1.4	1.6	1.8
Finland	0.6	0.6	0.6	0.6	0.7	0.8	0.8	0.9
France	6.4	6.8	6.8	7.3	7.8	8.8	9.3	9.9
Germany	8.3	8.8	8.8	9.8	10.6	12.0	12.9	13.8
Hungary	0.3	0.3	0.3	0.4	0.5	0.6	0.6	0.7
India	4.4	5.0	5.7	6.2	7.0	8.3	9.3	10.5
Indonesia	1.6	1.7	1.9	2.0	2.2	2.6	2.9	3.1
Ireland	0.8	0.9	1.0	1.1	1.6	1.9	2.2	2.5
Israel	1.0	1.2	1.3	1.3	1.5	1.8	2.1	2.4
Italy	4.3	4.5	4.6	5.1	5.4	6.1	6.4	6.8
Japan	11.9	11.5	10.5	10.0	10.7	11.7	12.1	12.6
Korea, Rep.	3.2	3.4	3.4	3.4	3.7	4.2	4.4	4.7
Malaysia	0.6	0.6	0.7	0.7	0.8	0.9	0.9	1.0
Mexico	2.2	2.5	2.9	3.5	3.8	4.7	5.4	6.2
Netherlands	2.2	2.3	2.4	2.7	3.0	3.5	3.8	4.2
Nigeria	0.7	0.6	0.7	0.5	0.6	0.6	0.6	0.6
Norway	0.7	0.8	0.9	0.8	0.8	1.0	1.0	1.1
Pakistan	0.5	0.6	0.7	0.6	1.0	1.1	1.3	1.4
Philippines	0.8	0.8	0.9	0.9	1.0	1.2	1.3	1.4
Poland	1.2	1.3	1.4	1.6	1.8	2.2	2.4	2.8
Puerto Rico	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3
Romania	0.5	0.6	0.6	0.7	0.8	0.9	1.0	1.1
Russian Federation	2.8	3.3	4.3	4.0	4.8	5.9	6.8	7.8
Saudi Arabia	1.3	1.3	1.5	1.9	2.0	2.4	2.6	2.9

Global Markets

Product/Service Type: Cell Freezing Media for Cell Therapy Market

Industry: Medical Laboratories

Market Size by Year (US\$ Millions)

Country Name	2020	2021	2022	2023	2024	2025	2026	2027
Singapore	0.8	1.0	1.2	1.3	1.4	1.8	2.1	2.4
South Africa	0.7	0.9	0.9	0.8	1.1	1.2	1.3	1.4
Spain	3.0	3.2	3.3	3.8	4.0	4.6	5.0	5.4
Sweden	1.2	1.4	1.3	1.3	1.5	1.7	1.7	1.8
Switzerland	1.8	1.9	2.0	2.2	2.4	2.8	3.1	3.4
Thailand	1.0	0.9	1.0	1.0	1.1	1.2	1.2	1.3
Turkey	1.3	1.4	1.6	2.1	2.2	2.7	3.1	3.6
United Arab Emirates	0.7	0.7	0.8	0.9	0.9	1.0	1.1	1.1
United Kingdom	6.8	7.3	7.7	8.3	9.3	10.8	11.7	12.8
United States	57.1	59.5	68.9	74.9	85.1	101.0	112.5	125.2
Venezuela, RB	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.6
Vietnam	0.5	0.5	0.6	0.6	0.7	0.9	1.1	1.3
Rest of World	11.9	12.9	14.1	15.5	18.2	21.6	24.1	26.9
GLOBAL	187.4	200.3	218.6	234.7	265.2	312.2	345.3	381.8

Source: Barnes Reports

*2025-2027 Forecasts

Global

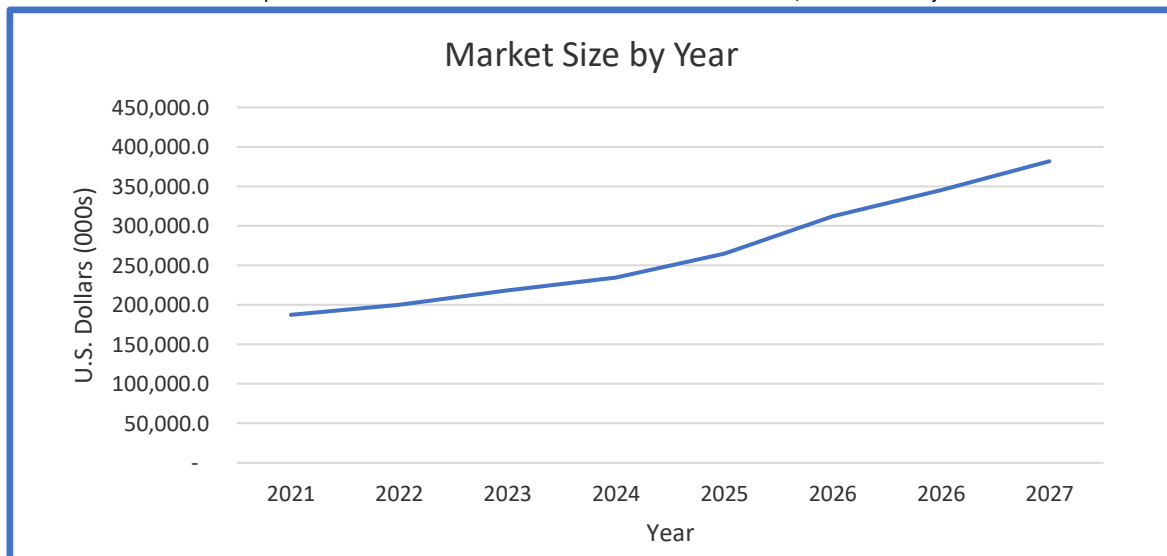
Product/Service Type: Cell Freezing Media for Cell Therapy Market

The market for this equipment worldwide is estimated to be \$345.3 million dollars in 2026 and is expected to change by 10.6 percent from 2026 to 2027.

Market Sales (000s)		
Year	US Dollars	
2021	187,403.5	-
2022	200,337.1	-
2023	218,580.4	-
2024	234,681.6	-
2025	265,224.7	-
2026	312,169.4	-
2026	345,266.1	-
2027	381,829.3	-
2032	602,534.0	-
Y-to-Y Change	US Dollars	
2020-2021	6.9%	
2021-2022	9.1%	
2022-2023	7.4%	
2023-2024	13.0%	
2024-2025	17.7%	
2025-2026	10.6%	
2026-2027	10.6%	
CAGR 2027-2032	11.6%	

Source: Barnes Reports

*2025-2026 Forecasts; 2027-2032 Projections



Global

Product/Service Type: Cell Freezing Media for Cell Therapy Market

Operating Costs Estimates

The annual payroll for this market worldwide will be \$158.82 million dollars in 2026 and the lease and rental payments for the market will be \$17.26 million dollars. The operating expenses for this market is expected to reach \$259.64 million dollars in 2026.

2026 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	158,822.4
Operating Expenses (\$1,000)	259,640.1
Employer Costs for Fringe Benefits (\$1,000)	25,204.4
Contract Labor Costs including Temporary Help (\$1,000)	10,703.3
Cost of Insurance (\$1,000)	4,833.7
Taxes and License Fees (\$1,000)	2,416.9
Lease and Rental Payments (\$1,000)	17,263.3

Cost of Services Estimates

The cost of transportation for this market worldwide will be \$3.45 million dollars in 2026 and the cost of printing services for the market will be \$2.42 million dollars. The cost of repair and maintenance for this market is expected to reach \$1.73 million dollars in 2026.

2026 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	3,452.7
Cost of Purchased Repair and Maintenance Services (\$1,000)	1,726.3
Cost of Purchased Printing Services (\$1,000)	2,416.9
Cost of Purchased Advertising and Promotional Services (\$1,000)	4,833.7
Cost of Purchased Legal Services (\$1,000)	2,762.1
Cost of Purchased Accounting and Auditing Services (\$1,000)	1,726.3

*2025-2027 Forecasts

Source: Barnes Reports

Regional Markets

Product/Service Type: Cell Freezing Media for Cell Therapy Market

The market for this equipment in North America is estimated to be \$0.1 billion dollars in 2026 and is expected to change by 11.5 percent from 2025 to 2026. The market in the Asia-Pacific region for this equipment is estimated to be \$0.1 billion in 2026 and is forecast to change by 10.9 percent from 2026 to 2027. The European market is \$0.1 billion in 2026.

Market Size by Year (US\$ Millions)

	2020	2021	2022	2023	2024	2025	2026	2027
North America	63.0	66.1	76.4	83.2	94.5	112.4	125.3	139.7
Latin America	3.8	4.0	5.1	5.6	5.9	6.9	7.7	8.5
Europe	35.5	37.9	38.8	42.8	46.9	53.9	58.3	63.1
Asia-Pacific	58.1	63.4	66.8	69.1	79.0	93.2	103.3	114.6
Middle East	3.3	3.5	4.0	4.8	5.1	6.1	6.8	7.6
Africa	1.4	1.5	1.6	1.3	1.7	1.8	1.9	2.0
GLOBAL	163.8	174.9	191.1	205.6	231.4	272.5	301.5	333.5

Regional Distribution

	2020	2021	2022	2023	2024	2025	2026	2027
North America	38.5%	37.8%	40.0%	40.5%	40.8%	41.2%	41.6%	41.9%
Latin America	2.3%	2.3%	2.7%	2.7%	2.5%	2.5%	2.5%	2.5%
Europe	21.7%	21.7%	20.3%	20.8%	20.3%	19.8%	19.4%	18.9%
Asia-Pacific	35.4%	36.2%	34.9%	33.6%	34.1%	34.2%	34.3%	34.4%
Middle East	2.0%	2.0%	2.1%	2.4%	2.2%	2.2%	2.3%	2.3%
Africa	0.9%	0.9%	0.8%	0.7%	0.7%	0.7%	0.6%	0.6%
GLOBAL	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Year-to-Year Change

		2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027
North America		4.9%	15.6%	8.9%	13.5%	18.9%	11.5%	11.4%
Latin America		3.7%	27.5%	10.5%	5.0%	17.8%	10.5%	10.5%
Europe		6.8%	2.4%	10.1%	9.6%	14.9%	8.2%	8.2%
Asia-Pacific		9.2%	5.4%	3.5%	14.3%	18.0%	10.9%	10.9%
Middle East		3.4%	15.2%	21.7%	5.4%	19.6%	11.7%	11.7%
Africa		5.6%	5.8%	-15.3%	22.8%	10.5%	4.4%	4.4%
GLOBAL		6.8%	9.3%	7.6%	12.5%	17.8%	10.6%	10.6%

Source: Barnes Reports

*2025-2027 Forecasts

Argentina

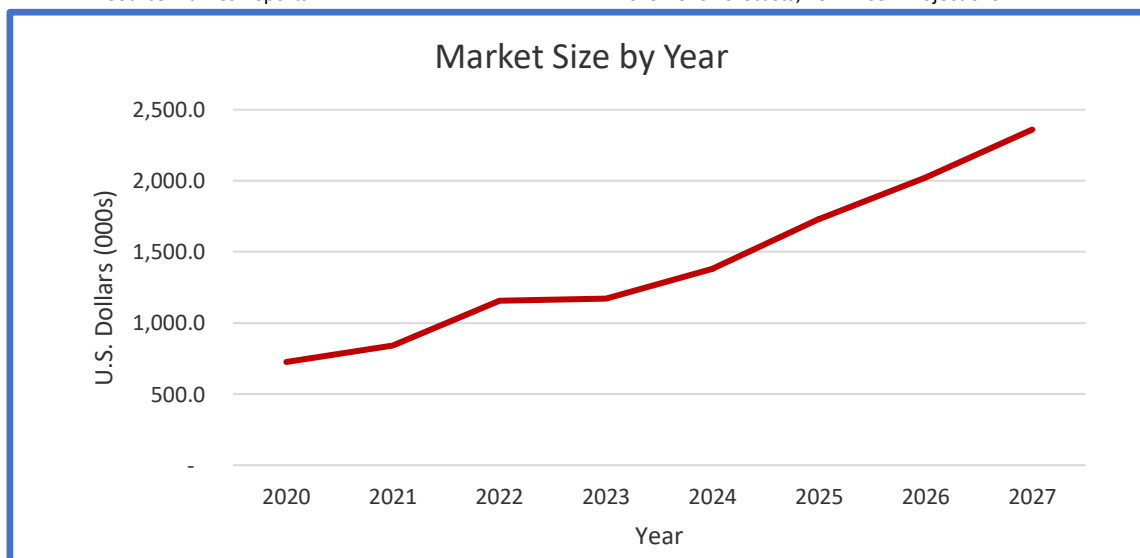
Product/Service Type: Cell Freezing Media for Cell Therapy Market

The market for this equipment in Argentina is estimated to be \$2.0 million dollars in 2026 and is expected to change by 16.7 percent from 2026 to 2027. The market will be 2896.7 million Pesos in 2026 and is forecast to change by 16.8 percent from 2026 to 2027.

Year	Market Sales (000s)	
	US Dollars	Pesos
2020	725.8	108,288.3
2021	840.8	294,029.4
2022	1,155.1	1,137,735.3
2023	1,172.6	1,173,762.2
2024	1,381.9	1,486,935.6
2025	1,731.9	2,480,098.9
2026	2,022.8	2,896,685.7
2027	2,360.5	3,380,183.5
2032	4,388.4	6,284,154.6
Y-to-Y Change	US Dollars	Pesos
2020-2021	15.8%	171.5%
2021-2022	37.4%	286.9%
2022-2023	1.5%	3.2%
2023-2024	17.9%	26.7%
2024-2025	25.3%	66.8%
2025-2026	16.8%	16.8%
2026-2027	16.7%	16.7%
CAGR 2027-2032	17.2%	85.9%

Source: Barnes Reports

*2025-2026 Forecasts; 2027-2032 Projections



Argentina

Product/Service Type: Cell Freezing Media for Cell Therapy Market

Operating Costs Estimates

The annual payroll for this market in Argentina will be \$0.93 million dollars in 2026 and the lease and rental payments for the market will be \$0.10 million dollars. The operating expenses for this market is expected to reach \$1.52 million dollars in 2026.

2026 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	930.5
Operating Expenses (\$1,000)	1,521.2
Employer Costs for Fringe Benefits (\$1,000)	147.7
Contract Labor Costs including Temporary Help (\$1,000)	62.7
Cost of Insurance (\$1,000)	28.3
Taxes and License Fees (\$1,000)	14.2
Lease and Rental Payments (\$1,000)	101.1

Cost of Services Estimates

The cost of transportation for this market in Argentina will be \$0.02 million dollars in 2026 and the cost of printing services for the market will be \$0.01 million dollars. The cost of repair and maintenance for this market is expected to reach \$0.01 million dollars in 2026.

2026 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	20.2
Cost of Purchased Repair and Maintenance Services (\$1,000)	10.1
Cost of Purchased Printing Services (\$1,000)	14.2
Cost of Purchased Advertising and Promotional Services (\$1,000)	28.3
Cost of Purchased Legal Services (\$1,000)	16.2
Cost of Purchased Accounting and Auditing Services (\$1,000)	10.1

*2025-2027 Forecasts

Source: Barnes Reports

Australia

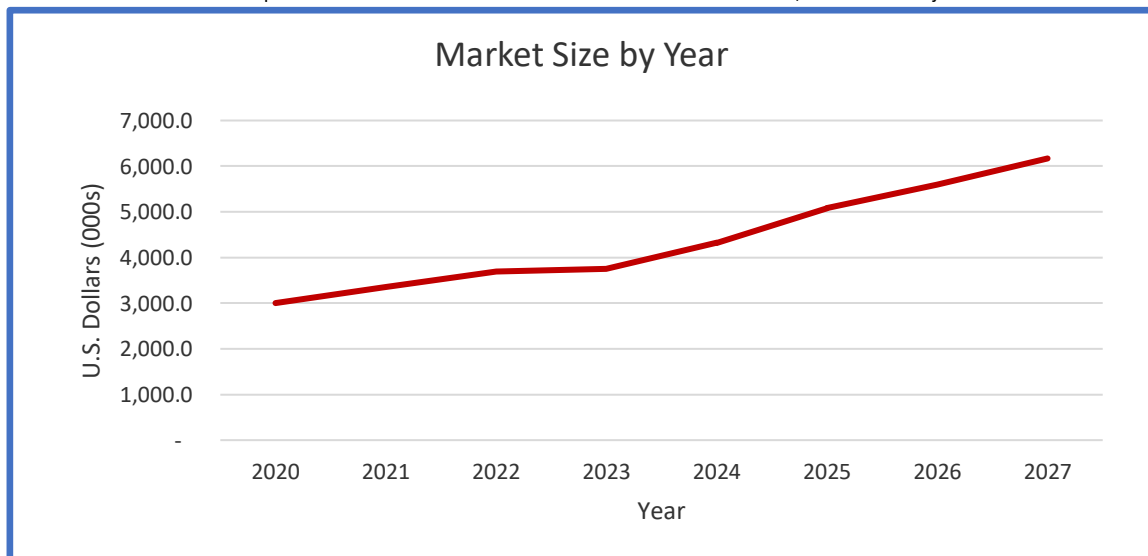
Product/Service Type: Cell Freezing Media for Cell Therapy Market

The market for this equipment in Australia is estimated to be \$5.6 million dollars in 2026 and is expected to change by 10.2 percent from 2026 to 2027. The market will be 8.4 million Dollars in 2026 and is forecast to change by 10.3 percent from 2026 to 2027.

Market Sales (000s)		
Year	US Dollars	Dollars
2020	3,002.3	4,776.9
2021	3,350.3	5,250.6
2022	3,696.9	5,545.4
2023	3,756.2	5,822.1
2024	4,318.0	6,908.7
2025	5,077.7	7,616.6
2026	5,599.4	8,399.1
2027	6,169.1	9,253.6
2032	9,449.0	14,173.5
Y-to-Y Change	US Dollars	Dollars
2020-2021	11.6%	9.9%
2021-2022	10.3%	5.6%
2022-2023	1.6%	5.0%
2023-2024	15.0%	18.7%
2024-2025	17.6%	10.2%
2025-2026	10.3%	10.3%
2026-2027	10.2%	10.2%
CAGR 2027-2032	10.6%	53.2%

Source: Barnes Reports

*2025-2026 Forecasts; 2027-2032 Projections



Australia

Product/Service Type: Cell Freezing Media for Cell Therapy Market

Operating Costs Estimates

The annual payroll for this market in Australia will be \$2.58 million dollars in 2026 and the lease and rental payments for the market will be \$0.28 million dollars. The operating expenses for this market is expected to reach \$4.21 million dollars in 2026.

2026 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	2,575.7
Operating Expenses (\$1,000)	4,210.7
Employer Costs for Fringe Benefits (\$1,000)	408.8
Contract Labor Costs including Temporary Help (\$1,000)	173.6
Cost of Insurance (\$1,000)	78.4
Taxes and License Fees (\$1,000)	39.2
Lease and Rental Payments (\$1,000)	280.0

Cost of Services Estimates

The cost of transportation for this market in Australia will be \$0.06 million dollars in 2026 and the cost of printing services for the market will be \$0.04 million dollars. The cost of repair and maintenance for this market is expected to reach \$0.03 million dollars in 2026.

2026 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	56.0
Cost of Purchased Repair and Maintenance Services (\$1,000)	28.0
Cost of Purchased Printing Services (\$1,000)	39.2
Cost of Purchased Advertising and Promotional Services (\$1,000)	78.4
Cost of Purchased Legal Services (\$1,000)	44.8
Cost of Purchased Accounting and Auditing Services (\$1,000)	28.0

*2025-2027 Forecasts

Source: Barnes Reports

Austria

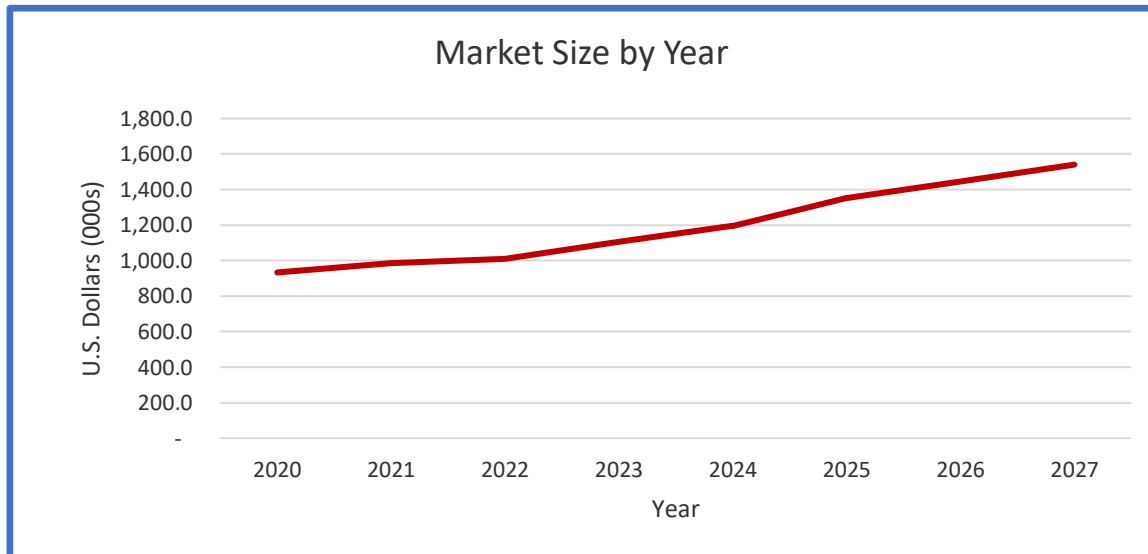
Product/Service Type: Cell Freezing Media for Cell Therapy Market

The market for this equipment in Austria is estimated to be \$1.4 million dollars in 2026 and is expected to change by 6.7 percent from 2026 to 2027. The market will be 1.2 million Euros in 2026 and is forecast to change by 6.8 percent from 2026 to 2027.

Year	Market Sales (000s)	
	US Dollars	Euros
2020	933.3	962.8
2021	985.4	932.4
2022	1,009.5	934.8
2023	1,106.2	995.6
2024	1,194.4	1,070.2
2025	1,352.5	1,149.6
2026	1,444.1	1,227.5
2027	1,540.5	1,309.4
2032	2,034.6	1,729.4
Y-to-Y Change	US Dollars	Euros
2020-2021	5.6%	-3.2%
2021-2022	2.4%	0.3%
2022-2023	9.6%	6.5%
2023-2024	8.0%	7.5%
2024-2025	13.2%	7.4%
2025-2026	6.8%	6.8%
2026-2027	6.7%	6.7%
CAGR 2027-2032	6.4%	32.1%

Source: Barnes Reports

*2025-2026 Forecasts; 2027-2032 Projections



Austria

Product/Service Type: Cell Freezing Media for Cell Therapy Market

Operating Costs Estimates

The annual payroll for this market in Austria will be \$0.66 million dollars in 2026 and the lease and rental payments for the market will be \$0.07 million dollars. The operating expenses for this market is expected to reach \$1.09 million dollars in 2026.

2026 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	664.3
Operating Expenses (\$1,000)	1,085.9
Employer Costs for Fringe Benefits (\$1,000)	105.4
Contract Labor Costs including Temporary Help (\$1,000)	44.8
Cost of Insurance (\$1,000)	20.2
Taxes and License Fees (\$1,000)	10.1
Lease and Rental Payments (\$1,000)	72.2

Cost of Services Estimates

The cost of transportation for this market in Austria will be \$0.01 million dollars in 2026 and the cost of printing services for the market will be \$0.01 million dollars. The cost of repair and maintenance for this market is expected to reach \$0.01 million dollars in 2026.

2026 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	14.4
Cost of Purchased Repair and Maintenance Services (\$1,000)	7.2
Cost of Purchased Printing Services (\$1,000)	10.1
Cost of Purchased Advertising and Promotional Services (\$1,000)	20.2
Cost of Purchased Legal Services (\$1,000)	11.6
Cost of Purchased Accounting and Auditing Services (\$1,000)	7.2

*2025-2027 Forecasts

Source: Barnes Reports

Bangladesh

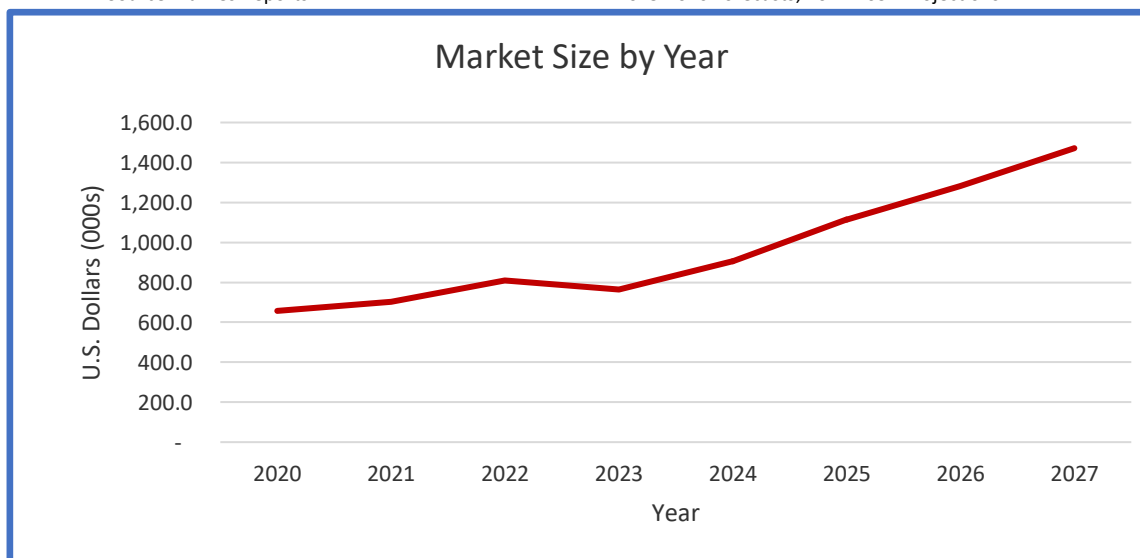
Product/Service Type: Cell Freezing Media for Cell Therapy Market

The market for this equipment in Bangladesh is estimated to be \$1.3 million dollars in 2026 and is expected to change by 14.8 percent from 2026 to 2027. The market will be 156.3 million Takas in 2026 and is forecast to change by 14.9 percent from 2026 to 2027.

Year	Market Sales (000s)	
	US Dollars	Takas
2020	657.0	67,692.6
2021	701.9	77,274.6
2022	810.1	96,403.3
2023	762.8	90,776.1
2024	905.3	107,735.7
2025	1,114.7	135,990.5
2026	1,281.3	156,320.6
2027	1,471.5	179,527.3
2032	2,635.4	321,523.3
Y-to-Y Change	US Dollars	Takas
2020-2021	6.8%	14.2%
2021-2022	15.4%	24.8%
2022-2023	-5.8%	-5.8%
2023-2024	18.7%	18.7%
2024-2025	23.1%	26.2%
2025-2026	14.9%	14.9%
2026-2027	14.8%	14.8%
CAGR 2027-2032	15.8%	79.1%

Source: Barnes Reports

*2025-2026 Forecasts; 2027-2032 Projections



Bangladesh

Product/Service Type: Cell Freezing Media for Cell Therapy Market

Operating Costs Estimates

The annual payroll for this market in Bangladesh will be \$0.59 million dollars in 2026 and the lease and rental payments for the market will be \$0.06 million dollars. The operating expenses for this market is expected to reach \$0.96 million dollars in 2026.

2026 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	589.4
Operating Expenses (\$1,000)	963.6
Employer Costs for Fringe Benefits (\$1,000)	93.5
Contract Labor Costs including Temporary Help (\$1,000)	39.7
Cost of Insurance (\$1,000)	17.9
Taxes and License Fees (\$1,000)	9.0
Lease and Rental Payments (\$1,000)	64.1

Cost of Services Estimates

The cost of transportation for this market in Bangladesh will be \$0.01 million dollars in 2026 and the cost of printing services for the market will be \$0.01 million dollars. The cost of repair and maintenance for this market is expected to reach \$0.01 million dollars in 2026.

2026 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	12.8
Cost of Purchased Repair and Maintenance Services (\$1,000)	6.4
Cost of Purchased Printing Services (\$1,000)	9.0
Cost of Purchased Advertising and Promotional Services (\$1,000)	17.9
Cost of Purchased Legal Services (\$1,000)	10.3
Cost of Purchased Accounting and Auditing Services (\$1,000)	6.4

*2025-2027 Forecasts

Source: Barnes Reports

Belgium

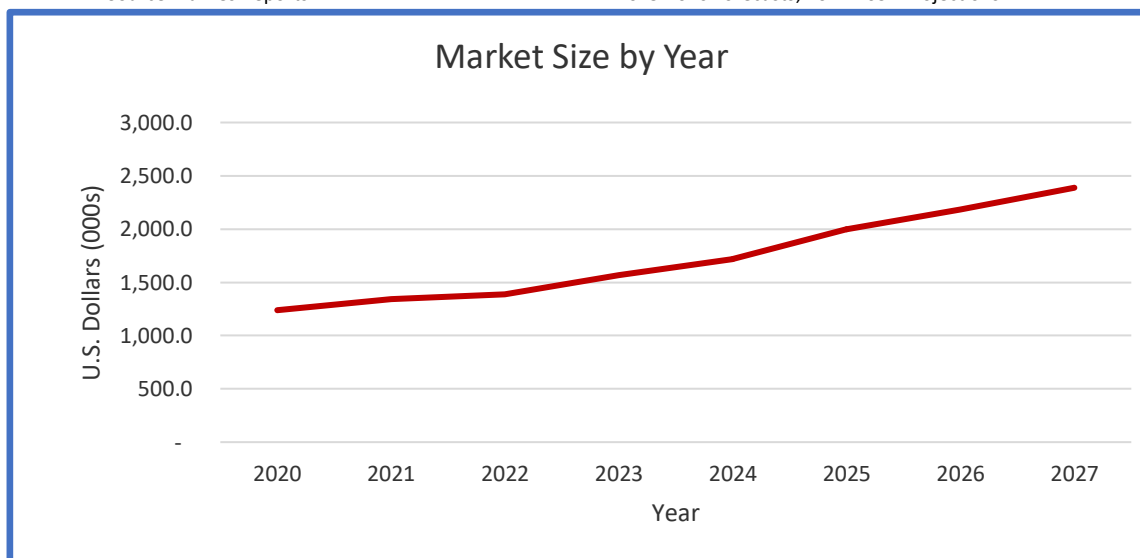
Product/Service Type: Cell Freezing Media for Cell Therapy Market

The market for this equipment in Belgium is estimated to be \$2.2 million dollars in 2026 and is expected to change by 9.3 percent from 2026 to 2027. The market will be 1.9 million Euros in 2026 and is forecast to change by 9.4 percent from 2026 to 2027.

Year	Market Sales (000s)	
	US Dollars	Euros
2020	1,238.4	1,277.6
2021	1,343.9	1,271.6
2022	1,389.9	1,287.0
2023	1,566.0	1,409.4
2024	1,719.0	1,540.2
2025	1,998.6	1,698.8
2026	2,185.6	1,857.7
2027	2,387.9	2,029.7
2032	3,568.5	3,033.2
Y-to-Y Change	US Dollars	Euros
2020-2021	8.5%	-0.5%
2021-2022	3.4%	1.2%
2022-2023	12.7%	9.5%
2023-2024	9.8%	9.3%
2024-2025	16.3%	10.3%
2025-2026	9.4%	9.4%
2026-2027	9.3%	9.3%
CAGR 2027-2032	9.9%	49.4%

Source: Barnes Reports

*2025-2026 Forecasts; 2027-2032 Projections



Belgium

Product/Service Type: Cell Freezing Media for Cell Therapy Market

Operating Costs Estimates

The annual payroll for this market in Belgium will be \$1.01 million dollars in 2026 and the lease and rental payments for the market will be \$0.11 million dollars. The operating expenses for this market is expected to reach \$1.64 million dollars in 2026.

2026 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	1,005.4
Operating Expenses (\$1,000)	1,643.5
Employer Costs for Fringe Benefits (\$1,000)	159.5
Contract Labor Costs including Temporary Help (\$1,000)	67.8
Cost of Insurance (\$1,000)	30.6
Taxes and License Fees (\$1,000)	15.3
Lease and Rental Payments (\$1,000)	109.3

Cost of Services Estimates

The cost of transportation for this market in Belgium will be \$0.02 million dollars in 2026 and the cost of printing services for the market will be \$0.02 million dollars. The cost of repair and maintenance for this market is expected to reach \$0.01 million dollars in 2026.

2026 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	21.9
Cost of Purchased Repair and Maintenance Services (\$1,000)	10.9
Cost of Purchased Printing Services (\$1,000)	15.3
Cost of Purchased Advertising and Promotional Services (\$1,000)	30.6
Cost of Purchased Legal Services (\$1,000)	17.5
Cost of Purchased Accounting and Auditing Services (\$1,000)	10.9

*2025-2027 Forecasts

Source: Barnes Reports

Brazil

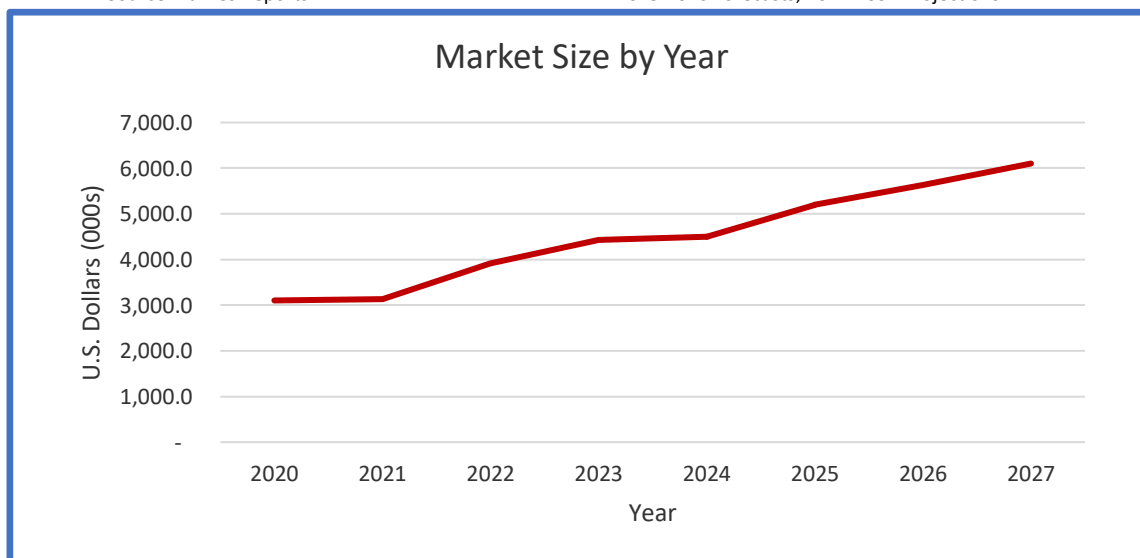
Product/Service Type: Cell Freezing Media for Cell Therapy Market

The market for this equipment in Brazil is estimated to be \$5.6 million dollars in 2026 and is expected to change by 8.3 percent from 2026 to 2027. The market will be 30.4 million Reals in 2026 and is forecast to change by 8.4 percent from 2026 to 2027.

Year	Market Sales (000s)	
	US Dollars	Reals
2020	3,103.0	16,146.9
2021	3,131.3	16,121.0
2022	3,911.2	22,293.9
2023	4,426.2	25,672.0
2024	4,497.5	26,535.0
2025	5,194.8	28,051.9
2026	5,632.3	30,414.5
2027	6,101.2	32,946.3
2032	8,576.9	46,315.5
Y-to-Y Change	US Dollars	Reals
2020-2021	0.9%	-0.2%
2021-2022	24.9%	38.3%
2022-2023	13.2%	15.2%
2023-2024	1.6%	3.4%
2024-2025	15.5%	5.7%
2025-2026	8.4%	8.4%
2026-2027	8.3%	8.3%
CAGR 2027-2032	8.1%	40.6%

Source: Barnes Reports

*2025-2026 Forecasts; 2027-2032 Projections



Brazil

Product/Service Type: Cell Freezing Media for Cell Therapy Market

Operating Costs Estimates

The annual payroll for this market in Brazil will be \$2.59 million dollars in 2026 and the lease and rental payments for the market will be \$0.28 million dollars. The operating expenses for this market is expected to reach \$4.24 million dollars in 2026.

2026 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	2,590.9
Operating Expenses (\$1,000)	4,235.5
Employer Costs for Fringe Benefits (\$1,000)	411.2
Contract Labor Costs including Temporary Help (\$1,000)	174.6
Cost of Insurance (\$1,000)	78.9
Taxes and License Fees (\$1,000)	39.4
Lease and Rental Payments (\$1,000)	281.6

Cost of Services Estimates

The cost of transportation for this market in Brazil will be \$0.06 million dollars in 2026 and the cost of printing services for the market will be \$0.04 million dollars. The cost of repair and maintenance for this market is expected to reach \$0.03 million dollars in 2026.

2026 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	56.3
Cost of Purchased Repair and Maintenance Services (\$1,000)	28.2
Cost of Purchased Printing Services (\$1,000)	39.4
Cost of Purchased Advertising and Promotional Services (\$1,000)	78.9
Cost of Purchased Legal Services (\$1,000)	45.1
Cost of Purchased Accounting and Auditing Services (\$1,000)	28.2

*2025-2027 Forecasts

Source: Barnes Reports

Canada

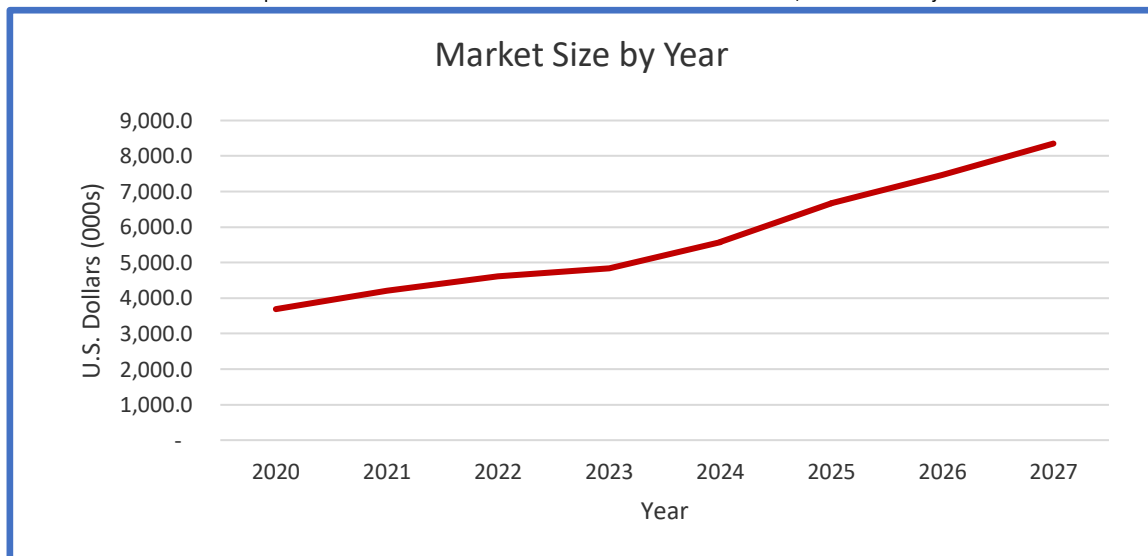
Product/Service Type: Cell Freezing Media for Cell Therapy Market

The market for this equipment in Canada is estimated to be \$7.5 million dollars in 2026 and is expected to change by 11.9 percent from 2026 to 2027. The market will be 10.3 million Dollars in 2026 and is forecast to change by 12 percent from 2026 to 2027.

Market Sales (000s)		
Year	US Dollars	Dollars
2020	3,689.5	5,068.9
2021	4,203.0	5,743.0
2022	4,606.5	6,356.9
2023	4,842.1	6,730.5
2024	5,580.1	7,812.2
2025	6,667.8	9,201.6
2026	7,465.9	10,302.9
2027	8,351.9	11,525.6
2032	13,826.2	19,080.2
Y-to-Y Change	US Dollars	Dollars
2020-2021	13.9%	13.3%
2021-2022	9.6%	10.7%
2022-2023	5.1%	5.9%
2023-2024	15.2%	16.1%
2024-2025	19.5%	17.8%
2025-2026	12.0%	12.0%
2026-2027	11.9%	11.9%
CAGR 2027-2032	13.1%	65.5%

Source: Barnes Reports

*2025-2026 Forecasts; 2027-2032 Projections



Canada

Product/Service Type: Cell Freezing Media for Cell Therapy Market

Operating Costs Estimates

The annual payroll for this market in Canada will be \$3.43 million dollars in 2026 and the lease and rental payments for the market will be \$0.37 million dollars. The operating expenses for this market is expected to reach \$5.61 million dollars in 2026.

2026 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	3,434.3
Operating Expenses (\$1,000)	5,614.3
Employer Costs for Fringe Benefits (\$1,000)	545.0
Contract Labor Costs including Temporary Help (\$1,000)	231.4
Cost of Insurance (\$1,000)	104.5
Taxes and License Fees (\$1,000)	52.3
Lease and Rental Payments (\$1,000)	373.3

Cost of Services Estimates

The cost of transportation for this market in Canada will be \$0.07 million dollars in 2026 and the cost of printing services for the market will be \$0.05 million dollars. The cost of repair and maintenance for this market is expected to reach \$0.04 million dollars in 2026.

2026 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	74.7
Cost of Purchased Repair and Maintenance Services (\$1,000)	37.3
Cost of Purchased Printing Services (\$1,000)	52.3
Cost of Purchased Advertising and Promotional Services (\$1,000)	104.5
Cost of Purchased Legal Services (\$1,000)	59.7
Cost of Purchased Accounting and Auditing Services (\$1,000)	37.3

*2025-2027 Forecasts

Source: Barnes Reports

Chile

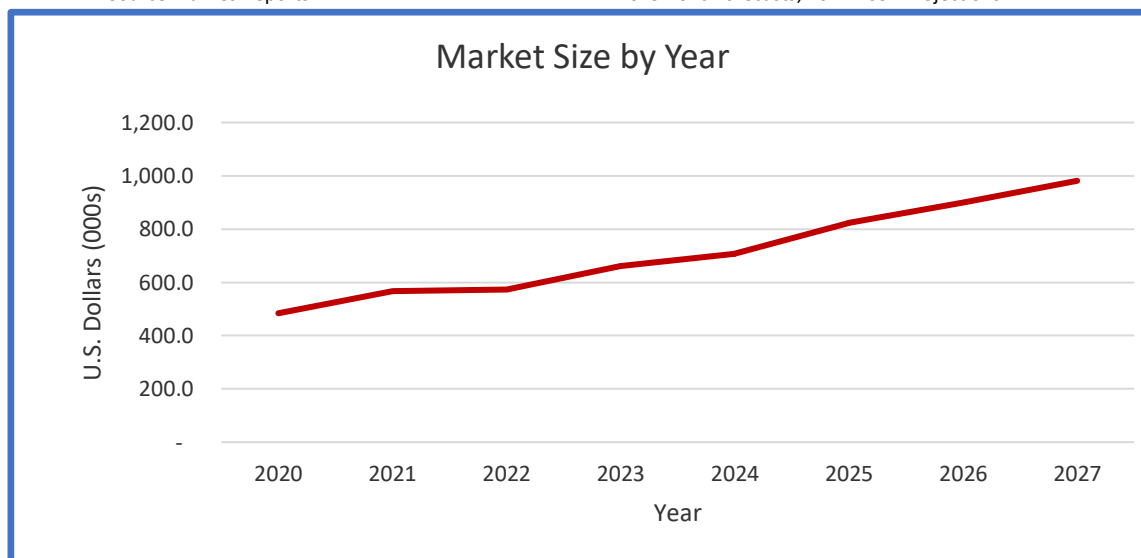
Product/Service Type: Cell Freezing Media for Cell Therapy Market

The market for this equipment in Chile is estimated to be \$0.9 million dollars in 2026 and is expected to change by 9.1 percent from 2026 to 2027. The market will be 831.6 million Pesos in 2026 and is forecast to change by 9.2 percent from 2026 to 2027.

Year	Market Sales (000s)	
	US Dollars	Pesos
2020	483.9	453,992.9
2021	566.5	520,863.2
2022	572.6	541,665.1
2023	661.0	641,172.9
2024	707.7	697,814.2
2025	823.0	761,234.9
2026	899.1	831,635.9
2027	981.3	907,725.0
2032	1,398.7	1,293,830.4
Y-to-Y Change	US Dollars	Pesos
2020-2021	17.1%	14.7%
2021-2022	1.1%	4.0%
2022-2023	15.4%	18.4%
2023-2024	7.1%	8.8%
2024-2025	16.3%	9.1%
2025-2026	9.2%	9.2%
2026-2027	9.1%	9.1%
CAGR 2027-2032	8.5%	42.5%

Source: Barnes Reports

*2025-2026 Forecasts; 2027-2032 Projections



Chile

Product/Service Type: Cell Freezing Media for Cell Therapy Market

Operating Costs Estimates

The annual payroll for this market in Chile will be \$0.41 million dollars in 2026 and the lease and rental payments for the market will be \$0.04 million dollars. The operating expenses for this market is expected to reach \$0.68 million dollars in 2026.

2026 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	413.6
Operating Expenses (\$1,000)	676.1
Employer Costs for Fringe Benefits (\$1,000)	65.6
Contract Labor Costs including Temporary Help (\$1,000)	27.9
Cost of Insurance (\$1,000)	12.6
Taxes and License Fees (\$1,000)	6.3
Lease and Rental Payments (\$1,000)	45.0

Cost of Services Estimates

The cost of transportation for this market in Chile will be \$0.01 million dollars in 2026 and the cost of printing services for the market will be \$0.01 million dollars. The cost of repair and maintenance for this market is expected to reach \$0.00 million dollars in 2026.

2026 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	9.0
Cost of Purchased Repair and Maintenance Services (\$1,000)	4.5
Cost of Purchased Printing Services (\$1,000)	6.3
Cost of Purchased Advertising and Promotional Services (\$1,000)	12.6
Cost of Purchased Legal Services (\$1,000)	7.2
Cost of Purchased Accounting and Auditing Services (\$1,000)	4.5

*2025-2027 Forecasts

Source: Barnes Reports

China

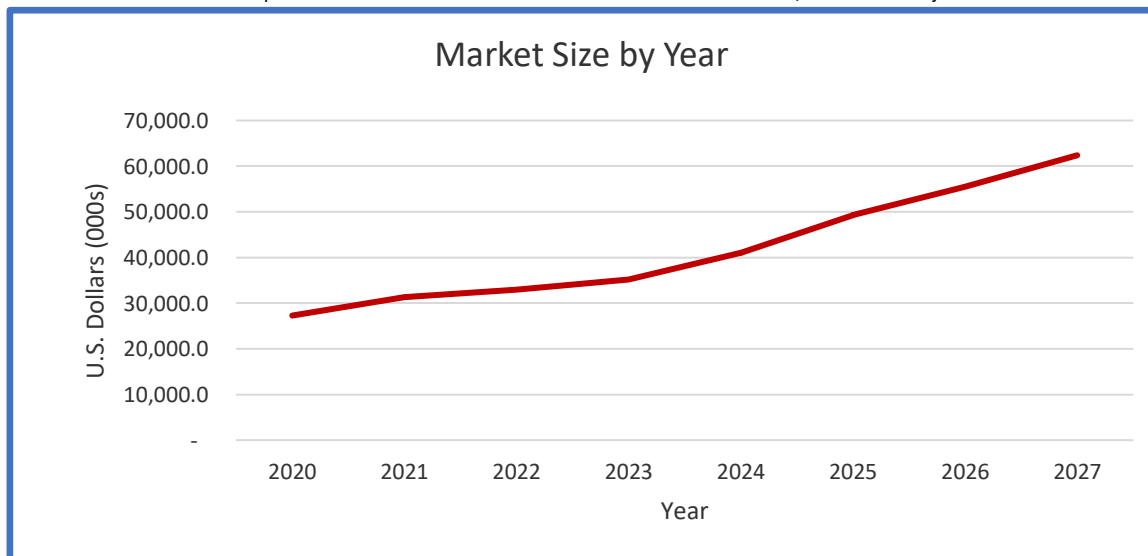
Product/Service Type: Cell Freezing Media for Cell Therapy Market

The market for this equipment in China is estimated to be \$55.5 million dollars in 2026 and is expected to change by 12.5 percent from 2026 to 2027. The market will be 392.1 million Yuans in 2026 and is forecast to change by 12.6 percent from 2026 to 2027.

Year	Market Sales (000s)	
	US Dollars	Yuans
2020	27,285.8	195,221.8
2021	31,315.9	227,531.5
2022	32,909.3	233,984.9
2023	35,210.6	253,516.2
2024	41,020.3	299,038.0
2025	49,265.4	348,306.3
2026	55,463.2	392,124.9
2027	62,384.2	441,056.2
2032	106,327.5	751,735.5
Y-to-Y Change	US Dollars	Yuans
2020-2021	14.8%	16.6%
2021-2022	5.1%	2.8%
2022-2023	7.0%	8.3%
2023-2024	16.5%	18.0%
2024-2025	20.1%	16.5%
2025-2026	12.6%	12.6%
2026-2027	12.5%	12.5%
CAGR 2027-2032	14.1%	70.4%

Source: Barnes Reports

*2025-2026 Forecasts; 2027-2032 Projections



China

Product/Service Type: Cell Freezing Media for Cell Therapy Market

Operating Costs Estimates

The annual payroll for this market in China will be \$25.51 million dollars in 2026 and the lease and rental payments for the market will be \$2.77 million dollars. The operating expenses for this market is expected to reach \$41.71 million dollars in 2026.

2026 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	25,513.1
Operating Expenses (\$1,000)	41,708.3
Employer Costs for Fringe Benefits (\$1,000)	4,048.8
Contract Labor Costs including Temporary Help (\$1,000)	1,719.4
Cost of Insurance (\$1,000)	776.5
Taxes and License Fees (\$1,000)	388.2
Lease and Rental Payments (\$1,000)	2,773.2

Cost of Services Estimates

The cost of transportation for this market in China will be \$0.55 million dollars in 2026 and the cost of printing services for the market will be \$0.39 million dollars. The cost of repair and maintenance for this market is expected to reach \$0.28 million dollars in 2026.

2026 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	554.6
Cost of Purchased Repair and Maintenance Services (\$1,000)	277.3
Cost of Purchased Printing Services (\$1,000)	388.2
Cost of Purchased Advertising and Promotional Services (\$1,000)	776.5
Cost of Purchased Legal Services (\$1,000)	443.7
Cost of Purchased Accounting and Auditing Services (\$1,000)	277.3

*2025-2027 Forecasts

Source: Barnes Reports

Czech Republic

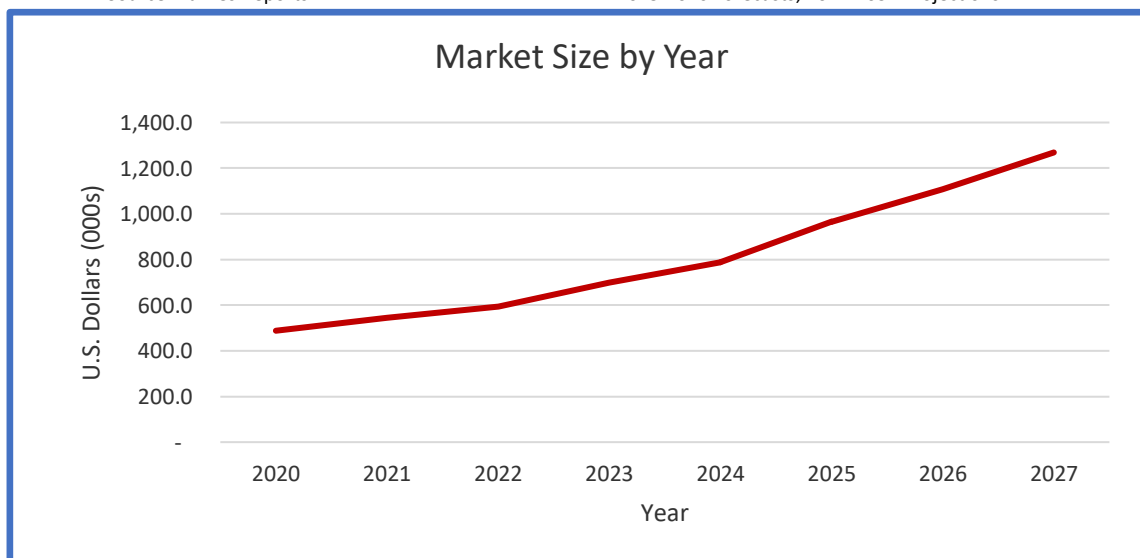
Product/Service Type: Cell Freezing Media for Cell Therapy Market

The market for this equipment in Czech Republic is estimated to be \$1.1 million dollars in 2026 and is expected to change by 14.6 percent from 2026 to 2027. The market will be 22.9 million Korunas in 2026 and is forecast to change by 14.7 percent from 2026 to 2027.

Market Sales (000s)		
Year	US Dollars	Korunas
2020	488.1	12,348.7
2021	544.2	12,562.8
2022	593.2	13,820.7
2023	699.0	16,077.2
2024	788.3	17,657.3
2025	965.8	19,992.8
2026	1,107.5	22,926.2
2027	1,268.9	26,266.3
2032	2,189.5	45,322.9
Y-to-Y Change	US Dollars	Korunas
2020-2021	11.5%	1.7%
2021-2022	9.0%	10.0%
2022-2023	17.8%	16.3%
2023-2024	12.8%	9.8%
2024-2025	22.5%	13.2%
2025-2026	14.7%	14.7%
2026-2027	14.6%	14.6%
CAGR 2027-2032	14.5%	72.6%

Source: Barnes Reports

*2025-2026 Forecasts; 2027-2032 Projections



Czech Republic

Product/Service Type: Cell Freezing Media for Cell Therapy Market

Operating Costs Estimates

The annual payroll for this market in Czech Republic will be \$0.51 million dollars in 2026 and the lease and rental payments for the market will be \$0.06 million dollars. The operating expenses for this market is expected to reach \$0.83 million dollars in 2026.

2026 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	509.5
Operating Expenses (\$1,000)	832.9
Employer Costs for Fringe Benefits (\$1,000)	80.9
Contract Labor Costs including Temporary Help (\$1,000)	34.3
Cost of Insurance (\$1,000)	15.5
Taxes and License Fees (\$1,000)	7.8
Lease and Rental Payments (\$1,000)	55.4

Cost of Services Estimates

The cost of transportation for this market in Czech Republic will be \$0.01 million dollars in 2026 and the cost of printing services for the market will be \$0.01 million dollars. The cost of repair and maintenance for this market is expected to reach \$0.01 million dollars in 2026.

2026 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	11.1
Cost of Purchased Repair and Maintenance Services (\$1,000)	5.5
Cost of Purchased Printing Services (\$1,000)	7.8
Cost of Purchased Advertising and Promotional Services (\$1,000)	15.5
Cost of Purchased Legal Services (\$1,000)	8.9
Cost of Purchased Accounting and Auditing Services (\$1,000)	5.5

*2025-2027 Forecasts

Source: Barnes Reports

Denmark

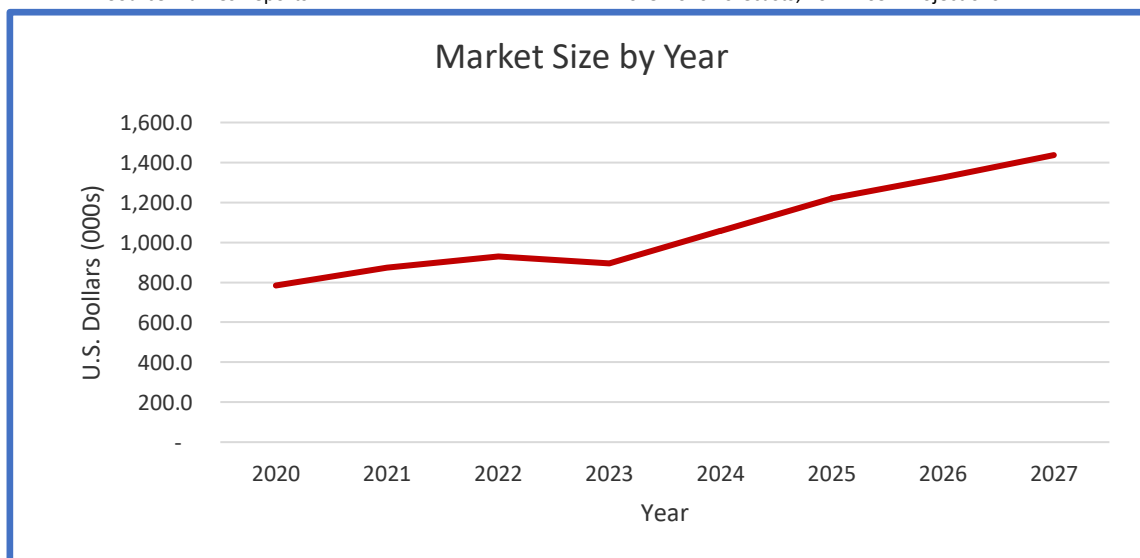
Product/Service Type: Cell Freezing Media for Cell Therapy Market

The market for this equipment in Denmark is estimated to be \$1.3 million dollars in 2026 and is expected to change by 8.5 percent from 2026 to 2027. The market will be 8.5 million Kroner in 2026 and is forecast to change by 8.6 percent from 2026 to 2027.

Year	Market Sales (000s)	
	US Dollars	Krones
2020	784.1	6,017.4
2021	873.1	6,150.5
2022	928.5	6,406.9
2023	895.5	6,089.4
2024	1,057.0	7,060.9
2025	1,219.5	7,804.7
2026	1,324.3	8,475.8
2027	1,436.9	9,196.3
2032	2,021.1	12,934.9
Y-to-Y Change	US Dollars	Krones
2020-2021	11.4%	2.2%
2021-2022	6.3%	4.2%
2022-2023	-3.6%	-5.0%
2023-2024	18.0%	16.0%
2024-2025	15.4%	10.5%
2025-2026	8.6%	8.6%
2026-2027	8.5%	8.5%
CAGR 2027-2032	8.1%	40.7%

Source: Barnes Reports

*2025-2026 Forecasts; 2027-2032 Projections



Denmark

Product/Service Type: Cell Freezing Media for Cell Therapy Market

Operating Costs Estimates

The annual payroll for this market in Denmark will be \$0.61 million dollars in 2026 and the lease and rental payments for the market will be \$0.07 million dollars. The operating expenses for this market is expected to reach \$1.00 million dollars in 2026.

2026 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	609.2
Operating Expenses (\$1,000)	995.9
Employer Costs for Fringe Benefits (\$1,000)	96.7
Contract Labor Costs including Temporary Help (\$1,000)	41.1
Cost of Insurance (\$1,000)	18.5
Taxes and License Fees (\$1,000)	9.3
Lease and Rental Payments (\$1,000)	66.2

Cost of Services Estimates

The cost of transportation for this market in Denmark will be \$0.01 million dollars in 2026 and the cost of printing services for the market will be \$0.01 million dollars. The cost of repair and maintenance for this market is expected to reach \$0.01 million dollars in 2026.

2026 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	13.2
Cost of Purchased Repair and Maintenance Services (\$1,000)	6.6
Cost of Purchased Printing Services (\$1,000)	9.3
Cost of Purchased Advertising and Promotional Services (\$1,000)	18.5
Cost of Purchased Legal Services (\$1,000)	10.6
Cost of Purchased Accounting and Auditing Services (\$1,000)	6.6

*2025-2027 Forecasts

Source: Barnes Reports

Egypt

Product/Service Type: Cell Freezing Media for Cell Therapy Market

The market for this equipment in Egypt is estimated to be \$1.6 million dollars in 2026 and is expected to change by 13.8 percent from 2026 to 2027. The market will be 74.7 million Pounds in 2026 and is forecast to change by 13.9 percent from 2026 to 2027.

Year	Market Sales (000s)	
	US Dollars	Pounds
2020	644.9	12,679.2
2021	732.4	22,552.0
2022	845.8	41,190.1
2023	698.5	34,017.7
2024	1,134.9	55,268.5
2025	1,382.3	65,521.8
2026	1,575.0	74,654.7
2027	1,792.9	84,983.5
2032	3,194.0	151,396.9
Y-to-Y Change	US Dollars	Pounds
2020-2021	13.6%	77.9%
2021-2022	15.5%	82.6%
2022-2023	-17.4%	-17.4%
2023-2024	62.5%	62.5%
2024-2025	21.8%	18.6%
2025-2026	13.9%	13.9%
2026-2027	13.8%	13.8%
CAGR 2027-2032	15.6%	78.1%

Source: Barnes Reports

*2025-2026 Forecasts; 2027-2032 Projections



Egypt

Product/Service Type: Cell Freezing Media for Cell Therapy Market

Operating Costs Estimates

The annual payroll for this market in Egypt will be \$0.72 million dollars in 2026 and the lease and rental payments for the market will be \$0.08 million dollars. The operating expenses for this market is expected to reach \$1.18 million dollars in 2026.

2026 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	724.5
Operating Expenses (\$1,000)	1,184.4
Employer Costs for Fringe Benefits (\$1,000)	115.0
Contract Labor Costs including Temporary Help (\$1,000)	48.8
Cost of Insurance (\$1,000)	22.0
Taxes and License Fees (\$1,000)	11.0
Lease and Rental Payments (\$1,000)	78.7

Cost of Services Estimates

The cost of transportation for this market in Egypt will be \$0.02 million dollars in 2026 and the cost of printing services for the market will be \$0.01 million dollars. The cost of repair and maintenance for this market is expected to reach \$0.01 million dollars in 2026.

2026 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	15.7
Cost of Purchased Repair and Maintenance Services (\$1,000)	7.9
Cost of Purchased Printing Services (\$1,000)	11.0
Cost of Purchased Advertising and Promotional Services (\$1,000)	22.0
Cost of Purchased Legal Services (\$1,000)	12.6
Cost of Purchased Accounting and Auditing Services (\$1,000)	7.9

*2025-2027 Forecasts

Source: Barnes Reports

Finland

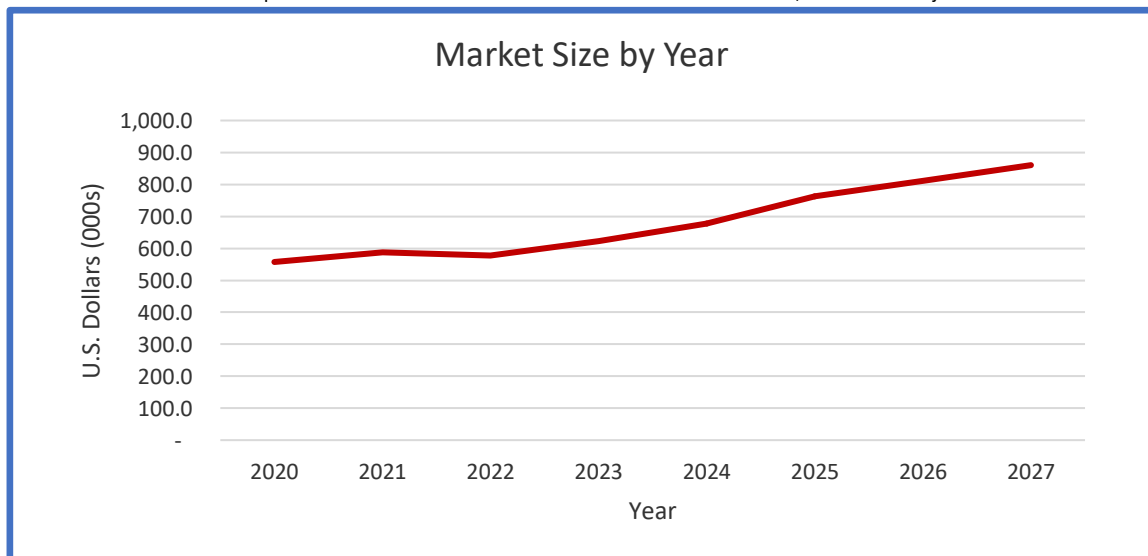
Product/Service Type: Cell Freezing Media for Cell Therapy Market

The market for this equipment in Finland is estimated to be \$0.8 million dollars in 2026 and is expected to change by 6.2 percent from 2026 to 2027. The market will be 0.7 million Euros in 2026 and is forecast to change by 6.2 percent from 2026 to 2027.

Year	Market Sales (000s)	
	US Dollars	Euros
2020	557.4	575.1
2021	587.2	555.6
2022	577.9	535.2
2023	622.5	560.3
2024	677.8	607.3
2025	762.8	648.4
2026	810.5	688.9
2027	860.3	731.3
2032	1,127.5	958.4
Y-to-Y Change	US Dollars	Euros
2020-2021	5.3%	-3.4%
2021-2022	-1.6%	-3.7%
2022-2023	7.7%	4.7%
2023-2024	8.9%	8.4%
2024-2025	12.5%	6.8%
2025-2026	6.2%	6.2%
2026-2027	6.2%	6.2%
CAGR 2027-2032	6.2%	31.1%

Source: Barnes Reports

*2025-2026 Forecasts; 2027-2032 Projections



Finland

Product/Service Type: Cell Freezing Media for Cell Therapy Market

Operating Costs Estimates

The annual payroll for this market in Finland will be \$0.37 million dollars in 2026 and the lease and rental payments for the market will be \$0.04 million dollars. The operating expenses for this market is expected to reach \$0.61 million dollars in 2026.

2026 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	372.8
Operating Expenses (\$1,000)	609.5
Employer Costs for Fringe Benefits (\$1,000)	59.2
Contract Labor Costs including Temporary Help (\$1,000)	25.1
Cost of Insurance (\$1,000)	11.3
Taxes and License Fees (\$1,000)	5.7
Lease and Rental Payments (\$1,000)	40.5

Cost of Services Estimates

The cost of transportation for this market in Finland will be \$0.01 million dollars in 2026 and the cost of printing services for the market will be \$0.01 million dollars. The cost of repair and maintenance for this market is expected to reach \$0.00 million dollars in 2026.

2026 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	8.1
Cost of Purchased Repair and Maintenance Services (\$1,000)	4.1
Cost of Purchased Printing Services (\$1,000)	5.7
Cost of Purchased Advertising and Promotional Services (\$1,000)	11.3
Cost of Purchased Legal Services (\$1,000)	6.5
Cost of Purchased Accounting and Auditing Services (\$1,000)	4.1

*2025-2027 Forecasts

Source: Barnes Reports

France

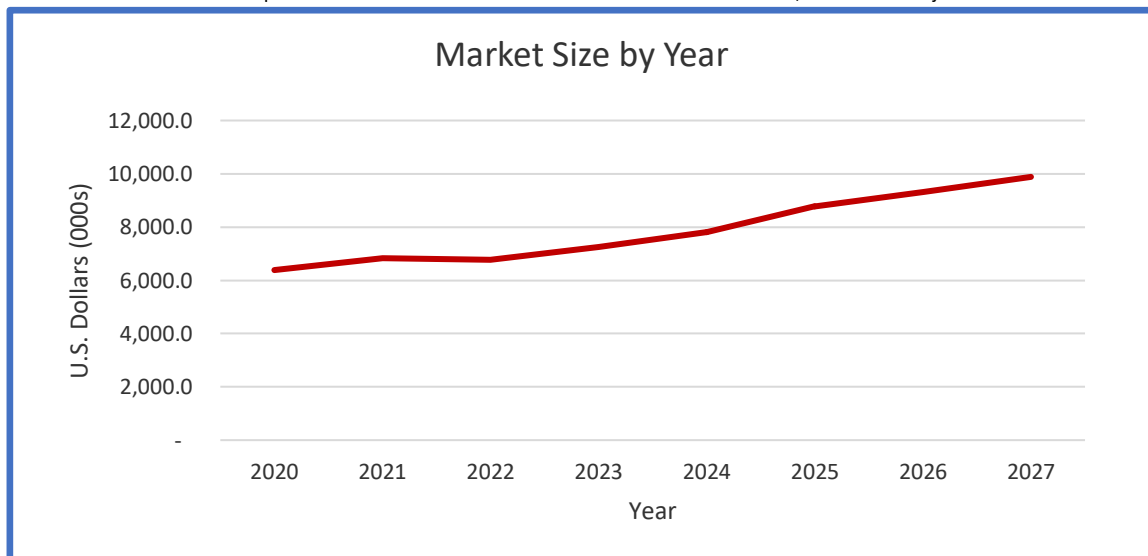
Product/Service Type: Cell Freezing Media for Cell Therapy Market

The market for this equipment in France is estimated to be \$9.3 million dollars in 2026 and is expected to change by 6 percent from 2026 to 2027. The market will be 7.9 million Euros in 2026 and is forecast to change by 6.1 percent from 2026 to 2027.

Year	Market Sales (000s)	
	US Dollars	Euros
2020	6,385.3	6,587.6
2021	6,838.5	6,470.7
2022	6,781.1	6,279.3
2023	7,256.2	6,530.6
2024	7,809.1	6,997.0
2025	8,782.5	7,465.1
2026	9,321.0	7,922.8
2027	9,883.5	8,401.0
2032	12,891.8	10,958.0
Y-to-Y Change	US Dollars	Euros
2020-2021	7.1%	-1.8%
2021-2022	-0.8%	-3.0%
2022-2023	7.0%	4.0%
2023-2024	7.6%	7.1%
2024-2025	12.5%	6.7%
2025-2026	6.1%	6.1%
2026-2027	6.0%	6.0%
CAGR 2027-2032	6.1%	30.4%

Source: Barnes Reports

*2025-2026 Forecasts; 2027-2032 Projections



France

Product/Service Type: Cell Freezing Media for Cell Therapy Market

Operating Costs Estimates

The annual payroll for this market in France will be \$4.29 million dollars in 2026 and the lease and rental payments for the market will be \$0.47 million dollars. The operating expenses for this market is expected to reach \$7.01 million dollars in 2026.

2026 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	4,287.7
Operating Expenses (\$1,000)	7,009.4
Employer Costs for Fringe Benefits (\$1,000)	680.4
Contract Labor Costs including Temporary Help (\$1,000)	289.0
Cost of Insurance (\$1,000)	130.5
Taxes and License Fees (\$1,000)	65.2
Lease and Rental Payments (\$1,000)	466.0

Cost of Services Estimates

The cost of transportation for this market in France will be \$0.09 million dollars in 2026 and the cost of printing services for the market will be \$0.07 million dollars. The cost of repair and maintenance for this market is expected to reach \$0.05 million dollars in 2026.

2026 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	93.2
Cost of Purchased Repair and Maintenance Services (\$1,000)	46.6
Cost of Purchased Printing Services (\$1,000)	65.2
Cost of Purchased Advertising and Promotional Services (\$1,000)	130.5
Cost of Purchased Legal Services (\$1,000)	74.6
Cost of Purchased Accounting and Auditing Services (\$1,000)	46.6

*2025-2027 Forecasts

Source: Barnes Reports

Germany

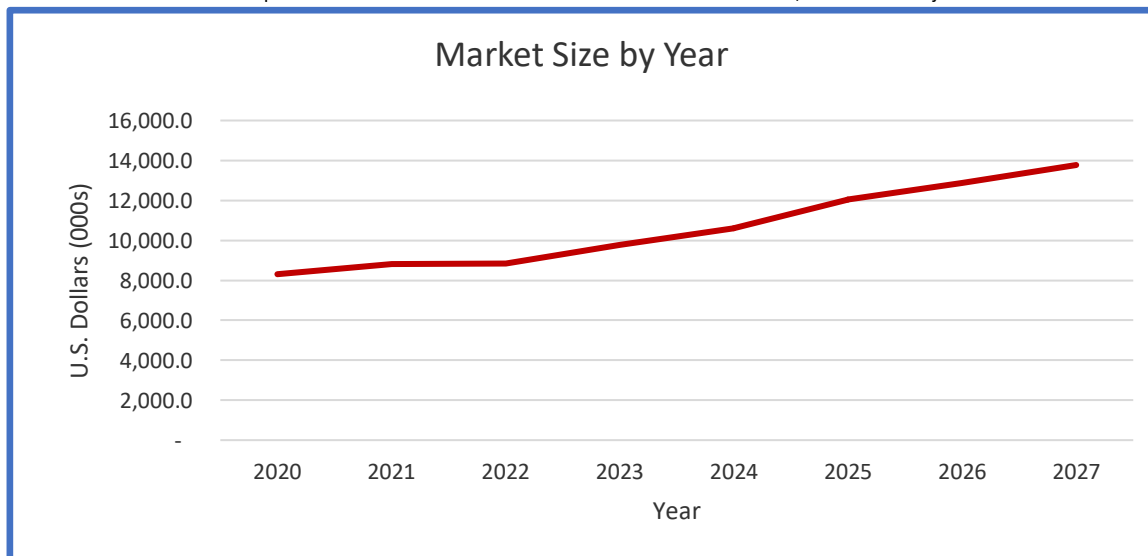
Product/Service Type: Cell Freezing Media for Cell Therapy Market

The market for this equipment in Germany is estimated to be \$12.9 million dollars in 2026 and is expected to change by 6.9 percent from 2026 to 2027. The market will be 11 million Euros in 2026 and is forecast to change by 7 percent from 2026 to 2027.

Year	Market Sales (000s)	
	US Dollars	Euros
2020	8,307.4	8,570.5
2021	8,804.3	8,330.8
2022	8,830.9	8,177.4
2023	9,770.6	8,793.5
2024	10,610.5	9,507.0
2025	12,040.7	10,234.6
2026	12,883.3	10,950.8
2027	13,772.3	11,706.4
2032	18,778.6	15,961.8
Y-to-Y Change	US Dollars	Euros
2020-2021	6.0%	-2.8%
2021-2022	0.3%	-1.8%
2022-2023	10.6%	7.5%
2023-2024	8.6%	8.1%
2024-2025	13.5%	7.7%
2025-2026	7.0%	7.0%
2026-2027	6.9%	6.9%
CAGR 2027-2032	7.3%	36.4%

Source: Barnes Reports

*2025-2026 Forecasts; 2027-2032 Projections



Germany

Product/Service Type: Cell Freezing Media for Cell Therapy Market

Operating Costs Estimates

The annual payroll for this market in Germany will be \$5.93 million dollars in 2026 and the lease and rental payments for the market will be \$0.64 million dollars. The operating expenses for this market is expected to reach \$9.69 million dollars in 2026.

2026 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	5,926.3
Operating Expenses (\$1,000)	9,688.2
Employer Costs for Fringe Benefits (\$1,000)	940.5
Contract Labor Costs including Temporary Help (\$1,000)	399.4
Cost of Insurance (\$1,000)	180.4
Taxes and License Fees (\$1,000)	90.2
Lease and Rental Payments (\$1,000)	644.2

Cost of Services Estimates

The cost of transportation for this market in Germany will be \$0.13 million dollars in 2026 and the cost of printing services for the market will be \$0.09 million dollars. The cost of repair and maintenance for this market is expected to reach \$0.06 million dollars in 2026.

2026 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	128.8
Cost of Purchased Repair and Maintenance Services (\$1,000)	64.4
Cost of Purchased Printing Services (\$1,000)	90.2
Cost of Purchased Advertising and Promotional Services (\$1,000)	180.4
Cost of Purchased Legal Services (\$1,000)	103.1
Cost of Purchased Accounting and Auditing Services (\$1,000)	64.4

*2025-2027 Forecasts

Source: Barnes Reports

Hungary

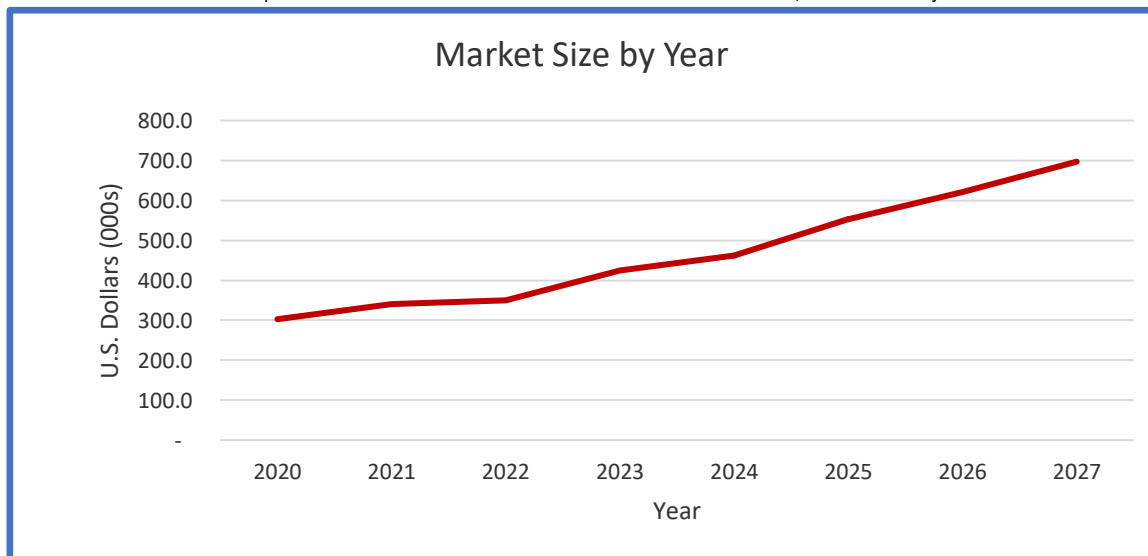
Product/Service Type: Cell Freezing Media for Cell Therapy Market

The market for this equipment in Hungary is estimated to be \$0.6 million dollars in 2026 and is expected to change by 12.2 percent from 2026 to 2027. The market will be 203.2 million Forints in 2026 and is forecast to change by 12.3 percent from 2026 to 2027.

Year	Market Sales (000s)	
	US Dollars	Forints
2020	302.7	133,120.2
2021	340.8	124,641.6
2022	349.5	130,361.6
2023	425.0	157,267.7
2024	462.1	168,655.6
2025	553.3	180,912.8
2026	621.3	203,157.7
2027	697.0	227,931.2
2032	1,114.4	364,394.3
Y-to-Y Change	US Dollars	Forints
2020-2021	12.6%	-6.4%
2021-2022	2.5%	4.6%
2022-2023	21.6%	20.6%
2023-2024	8.7%	7.2%
2024-2025	19.7%	7.3%
2025-2026	12.3%	12.3%
2026-2027	12.2%	12.2%
CAGR 2027-2032	12.0%	59.9%

Source: Barnes Reports

*2025-2026 Forecasts; 2027-2032 Projections



Hungary

Product/Service Type: Cell Freezing Media for Cell Therapy Market

Operating Costs Estimates

The annual payroll for this market in Hungary will be \$0.29 million dollars in 2026 and the lease and rental payments for the market will be \$0.03 million dollars. The operating expenses for this market is expected to reach \$0.47 million dollars in 2026.

2026 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	285.8
Operating Expenses (\$1,000)	467.2
Employer Costs for Fringe Benefits (\$1,000)	45.4
Contract Labor Costs including Temporary Help (\$1,000)	19.3
Cost of Insurance (\$1,000)	8.7
Taxes and License Fees (\$1,000)	4.3
Lease and Rental Payments (\$1,000)	31.1

Cost of Services Estimates

The cost of transportation for this market in Hungary will be \$0.01 million dollars in 2026 and the cost of printing services for the market will be \$0.00 million dollars. The cost of repair and maintenance for this market is expected to reach \$0.00 million dollars in 2026.

2026 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	6.2
Cost of Purchased Repair and Maintenance Services (\$1,000)	3.1
Cost of Purchased Printing Services (\$1,000)	4.3
Cost of Purchased Advertising and Promotional Services (\$1,000)	8.7
Cost of Purchased Legal Services (\$1,000)	5.0
Cost of Purchased Accounting and Auditing Services (\$1,000)	3.1

*2025-2027 Forecasts

Source: Barnes Reports

India

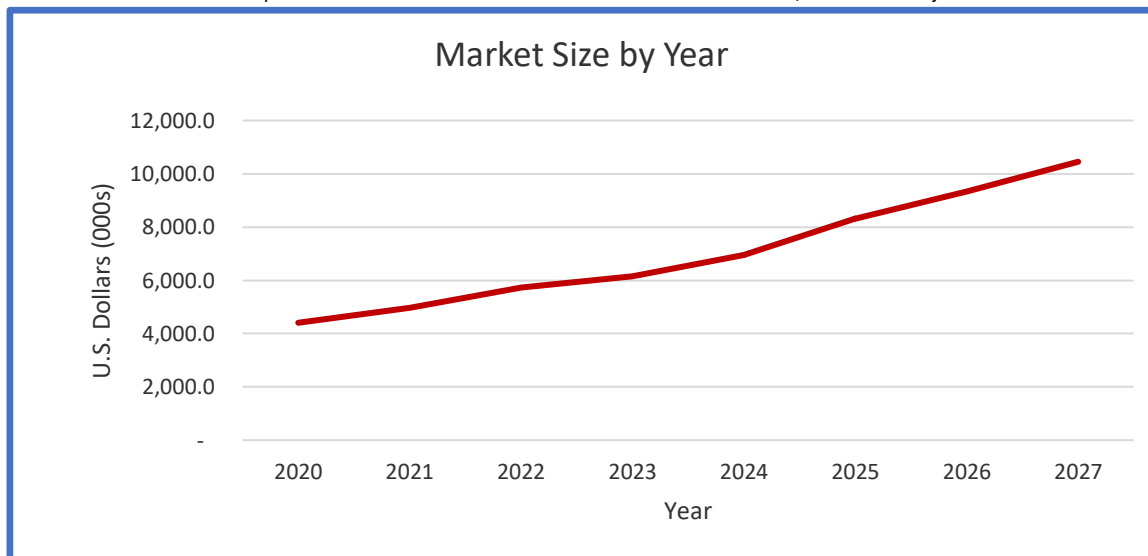
Product/Service Type: Cell Freezing Media for Cell Therapy Market

The market for this equipment in India is estimated to be \$9.3 million dollars in 2026 and is expected to change by 12 percent from 2026 to 2027. The market will be 839.6 million Rupees in 2026 and is forecast to change by 12.1 percent from 2026 to 2027.

Market Sales (000s)		
Year	US Dollars	Rupees
2020	4,407.9	363,218.6
2021	4,964.1	412,568.6
2022	5,735.1	482,208.8
2023	6,154.5	523,129.9
2024	6,953.8	599,414.0
2025	8,319.0	748,713.9
2026	9,328.6	839,576.2
2027	10,451.3	940,612.7
2032	16,532.6	1,487,934.1
Y-to-Y Change	US Dollars	Rupees
2020-2021	12.6%	13.6%
2021-2022	15.5%	16.9%
2022-2023	7.3%	8.5%
2023-2024	13.0%	14.6%
2024-2025	19.6%	24.9%
2025-2026	12.1%	12.1%
2026-2027	12.0%	12.0%
CAGR 2027-2032	11.6%	58.2%

Source: Barnes Reports

*2025-2026 Forecasts; 2027-2032 Projections



India

Product/Service Type: Cell Freezing Media for Cell Therapy Market

Operating Costs Estimates

The annual payroll for this market in India will be \$4.29 million dollars in 2026 and the lease and rental payments for the market will be \$0.47 million dollars. The operating expenses for this market is expected to reach \$7.02 million dollars in 2026.

2026 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	4,291.2
Operating Expenses (\$1,000)	7,015.1
Employer Costs for Fringe Benefits (\$1,000)	681.0
Contract Labor Costs including Temporary Help (\$1,000)	289.2
Cost of Insurance (\$1,000)	130.6
Taxes and License Fees (\$1,000)	65.3
Lease and Rental Payments (\$1,000)	466.4

Cost of Services Estimates

The cost of transportation for this market in India will be \$0.09 million dollars in 2026 and the cost of printing services for the market will be \$0.07 million dollars. The cost of repair and maintenance for this market is expected to reach \$0.05 million dollars in 2026.

2026 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	93.3
Cost of Purchased Repair and Maintenance Services (\$1,000)	46.6
Cost of Purchased Printing Services (\$1,000)	65.3
Cost of Purchased Advertising and Promotional Services (\$1,000)	130.6
Cost of Purchased Legal Services (\$1,000)	74.6
Cost of Purchased Accounting and Auditing Services (\$1,000)	46.6

*2025-2027 Forecasts

Source: Barnes Reports

Indonesia

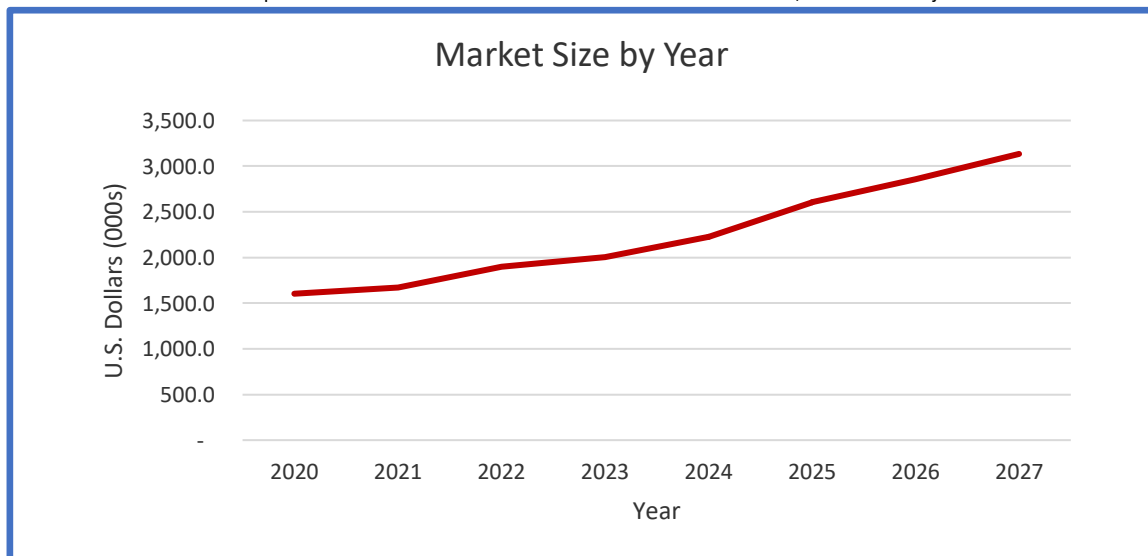
Product/Service Type: Cell Freezing Media for Cell Therapy Market

The market for this equipment in Indonesia is estimated to be \$2.9 million dollars in 2026 and is expected to change by 9.7 percent from 2026 to 2027. The market will be 47699.7 million Rupiahs in 2026 and is forecast to change by 9.8 percent from 2026 to 2027.

Market Sales (000s)		
Year	US Dollars	Rupiahs
2020	1,603.3	24,554,339.3
2021	1,669.9	26,060,913.7
2022	1,901.6	29,681,364.2
2023	2,006.3	32,300,972.8
2024	2,225.2	37,384,057.3
2025	2,603.4	43,453,656.6
2026	2,857.8	47,699,717.7
2027	3,134.2	52,313,261.7
2032	4,665.1	77,865,348.8
Y-to-Y Change	US Dollars	Rupiahs
2020-2021	4.2%	6.1%
2021-2022	13.9%	13.9%
2022-2023	5.5%	8.8%
2023-2024	10.9%	15.7%
2024-2025	17.0%	16.2%
2025-2026	9.8%	9.8%
2026-2027	9.7%	9.7%
CAGR 2027-2032	9.8%	48.8%

Source: Barnes Reports

*2025-2026 Forecasts; 2027-2032 Projections



Indonesia

Product/Service Type: Cell Freezing Media for Cell Therapy Market

Operating Costs Estimates

The annual payroll for this market in Indonesia will be \$1.31 million dollars in 2026 and the lease and rental payments for the market will be \$0.14 million dollars. The operating expenses for this market is expected to reach \$2.15 million dollars in 2026.

2026 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	1,314.6
Operating Expenses (\$1,000)	2,149.1
Employer Costs for Fringe Benefits (\$1,000)	208.6
Contract Labor Costs including Temporary Help (\$1,000)	88.6
Cost of Insurance (\$1,000)	40.0
Taxes and License Fees (\$1,000)	20.0
Lease and Rental Payments (\$1,000)	142.9

Cost of Services Estimates

The cost of transportation for this market in Indonesia will be \$0.03 million dollars in 2026 and the cost of printing services for the market will be \$0.02 million dollars. The cost of repair and maintenance for this market is expected to reach \$0.01 million dollars in 2026.

2026 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	28.6
Cost of Purchased Repair and Maintenance Services (\$1,000)	14.3
Cost of Purchased Printing Services (\$1,000)	20.0
Cost of Purchased Advertising and Promotional Services (\$1,000)	40.0
Cost of Purchased Legal Services (\$1,000)	22.9
Cost of Purchased Accounting and Auditing Services (\$1,000)	14.3

*2025-2027 Forecasts

Source: Barnes Reports

Ireland

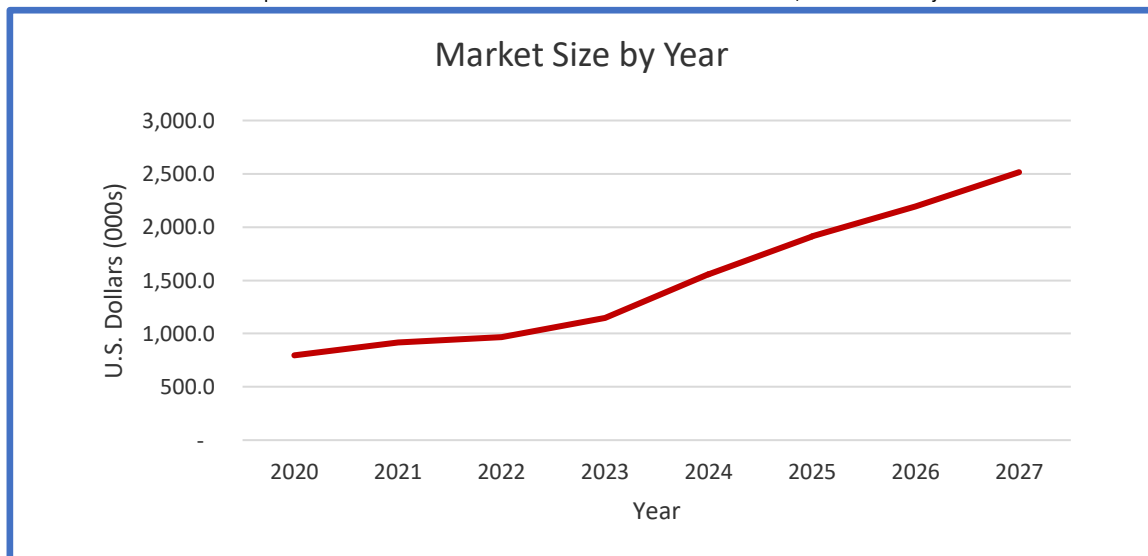
Product/Service Type: Cell Freezing Media for Cell Therapy Market

The market for this equipment in Ireland is estimated to be \$2.2 million dollars in 2026 and is expected to change by 14.7 percent from 2026 to 2027. The market will be 1.9 million Euros in 2026 and is forecast to change by 14.8 percent from 2026 to 2027.

Year	Market Sales (000s)	
	US Dollars	Euros
2020	795.9	772.1
2021	917.4	868.1
2022	967.6	896.0
2023	1,145.7	1,031.1
2024	1,556.2	1,394.3
2025	1,911.0	1,624.4
2026	2,193.3	1,864.3
2027	2,515.1	2,137.8
2032	4,299.6	3,654.7
Y-to-Y Change	US Dollars	Euros
2020-2021	15.3%	12.4%
2021-2022	5.5%	3.2%
2022-2023	18.4%	15.1%
2023-2024	35.8%	35.2%
2024-2025	22.8%	16.5%
2025-2026	14.8%	14.8%
2026-2027	14.7%	14.7%
CAGR 2027-2032	14.2%	71.0%

Source: Barnes Reports

*2025-2026 Forecasts; 2027-2032 Projections



Ireland

Product/Service Type: Cell Freezing Media for Cell Therapy Market

Operating Costs Estimates

The annual payroll for this market in Ireland will be \$1.01 million dollars in 2026 and the lease and rental payments for the market will be \$0.11 million dollars. The operating expenses for this market is expected to reach \$1.65 million dollars in 2026.

2026 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	1,008.9
Operating Expenses (\$1,000)	1,649.4
Employer Costs for Fringe Benefits (\$1,000)	160.1
Contract Labor Costs including Temporary Help (\$1,000)	68.0
Cost of Insurance (\$1,000)	30.7
Taxes and License Fees (\$1,000)	15.4
Lease and Rental Payments (\$1,000)	109.7

Cost of Services Estimates

The cost of transportation for this market in Ireland will be \$0.02 million dollars in 2026 and the cost of printing services for the market will be \$0.02 million dollars. The cost of repair and maintenance for this market is expected to reach \$0.01 million dollars in 2026.

2026 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	21.9
Cost of Purchased Repair and Maintenance Services (\$1,000)	11.0
Cost of Purchased Printing Services (\$1,000)	15.4
Cost of Purchased Advertising and Promotional Services (\$1,000)	30.7
Cost of Purchased Legal Services (\$1,000)	17.5
Cost of Purchased Accounting and Auditing Services (\$1,000)	11.0

*2025-2027 Forecasts

Source: Barnes Reports

Israel

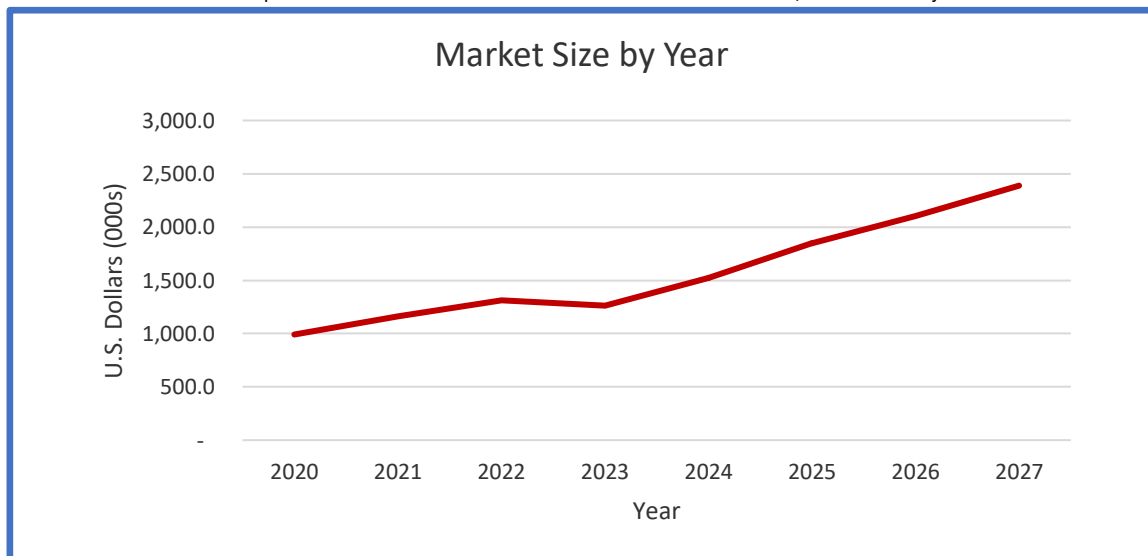
Product/Service Type: Cell Freezing Media for Cell Therapy Market

The market for this equipment in Israel is estimated to be \$2.1 million dollars in 2026 and is expected to change by 13.6 percent from 2026 to 2027. The market will be 6.8 million New Shekels in 2026 and is forecast to change by 13.7 percent from 2026 to 2027.

Year	Market Sales (000s)	
	US Dollars	New Shekels
2020	991.5	3,533.9
2021	1,163.2	4,492.2
2022	1,312.1	4,972.8
2023	1,261.6	4,768.7
2024	1,522.3	5,708.6
2025	1,849.1	5,972.5
2026	2,102.6	6,791.3
2027	2,388.6	7,715.2
2032	4,257.4	13,751.5
Y-to-Y Change	US Dollars	New Shekels
2020-2021	17.3%	27.1%
2021-2022	12.8%	10.7%
2022-2023	-3.9%	-4.1%
2023-2024	20.7%	19.7%
2024-2025	21.5%	4.6%
2025-2026	13.7%	13.7%
2026-2027	13.6%	13.6%
CAGR 2027-2032	15.6%	78.2%

Source: Barnes Reports

*2025-2026 Forecasts; 2027-2032 Projections



Israel

Product/Service Type: Cell Freezing Media for Cell Therapy Market

Operating Costs Estimates

The annual payroll for this market in Israel will be \$0.97 million dollars in 2026 and the lease and rental payments for the market will be \$0.11 million dollars. The operating expenses for this market is expected to reach \$1.58 million dollars in 2026.

2026 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	967.2
Operating Expenses (\$1,000)	1,581.1
Employer Costs for Fringe Benefits (\$1,000)	153.5
Contract Labor Costs including Temporary Help (\$1,000)	65.2
Cost of Insurance (\$1,000)	29.4
Taxes and License Fees (\$1,000)	14.7
Lease and Rental Payments (\$1,000)	105.1

Cost of Services Estimates

The cost of transportation for this market in Israel will be \$0.02 million dollars in 2026 and the cost of printing services for the market will be \$0.01 million dollars. The cost of repair and maintenance for this market is expected to reach \$0.01 million dollars in 2026.

2026 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	21.0
Cost of Purchased Repair and Maintenance Services (\$1,000)	10.5
Cost of Purchased Printing Services (\$1,000)	14.7
Cost of Purchased Advertising and Promotional Services (\$1,000)	29.4
Cost of Purchased Legal Services (\$1,000)	16.8
Cost of Purchased Accounting and Auditing Services (\$1,000)	10.5

*2025-2027 Forecasts

Source: Barnes Reports

Italy

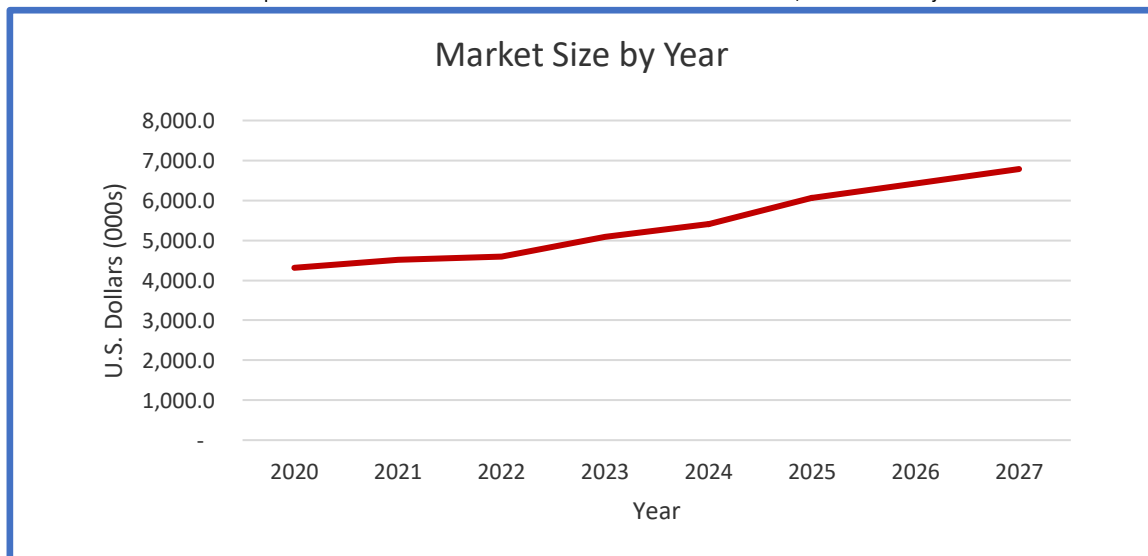
Product/Service Type: Cell Freezing Media for Cell Therapy Market

The market for this equipment in Italy is estimated to be \$6.4 million dollars in 2026 and is expected to change by 5.7 percent from 2026 to 2027. The market will be 5.5 million Euros in 2026 and is forecast to change by 5.8 percent from 2026 to 2027.

Year	Market Sales (000s)	
	US Dollars	Euros
2020	4,313.7	4,450.3
2021	4,516.3	4,273.4
2022	4,594.2	4,254.3
2023	5,093.2	4,583.9
2024	5,405.5	4,843.3
2025	6,065.5	5,155.7
2026	6,418.4	5,455.7
2027	6,785.7	5,767.9
2032	8,792.8	7,473.9
Y-to-Y Change	US Dollars	Euros
2020-2021	4.7%	-4.0%
2021-2022	1.7%	-0.4%
2022-2023	10.9%	7.7%
2023-2024	6.1%	5.7%
2024-2025	12.2%	6.4%
2025-2026	5.8%	5.8%
2026-2027	5.7%	5.7%
CAGR 2027-2032	5.9%	29.6%

Source: Barnes Reports

*2025-2026 Forecasts; 2027-2032 Projections



Italy

Product/Service Type: Cell Freezing Media for Cell Therapy Market

Operating Costs Estimates

The annual payroll for this market in Italy will be \$2.95 million dollars in 2026 and the lease and rental payments for the market will be \$0.32 million dollars. The operating expenses for this market is expected to reach \$4.83 million dollars in 2026.

2026 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	2,952.5
Operating Expenses (\$1,000)	4,826.6
Employer Costs for Fringe Benefits (\$1,000)	468.5
Contract Labor Costs including Temporary Help (\$1,000)	199.0
Cost of Insurance (\$1,000)	89.9
Taxes and License Fees (\$1,000)	44.9
Lease and Rental Payments (\$1,000)	320.9

Cost of Services Estimates

The cost of transportation for this market in Italy will be \$0.06 million dollars in 2026 and the cost of printing services for the market will be \$0.04 million dollars. The cost of repair and maintenance for this market is expected to reach \$0.03 million dollars in 2026.

2026 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	64.2
Cost of Purchased Repair and Maintenance Services (\$1,000)	32.1
Cost of Purchased Printing Services (\$1,000)	44.9
Cost of Purchased Advertising and Promotional Services (\$1,000)	89.9
Cost of Purchased Legal Services (\$1,000)	51.3
Cost of Purchased Accounting and Auditing Services (\$1,000)	32.1

*2025-2027 Forecasts

Source: Barnes Reports

Japan

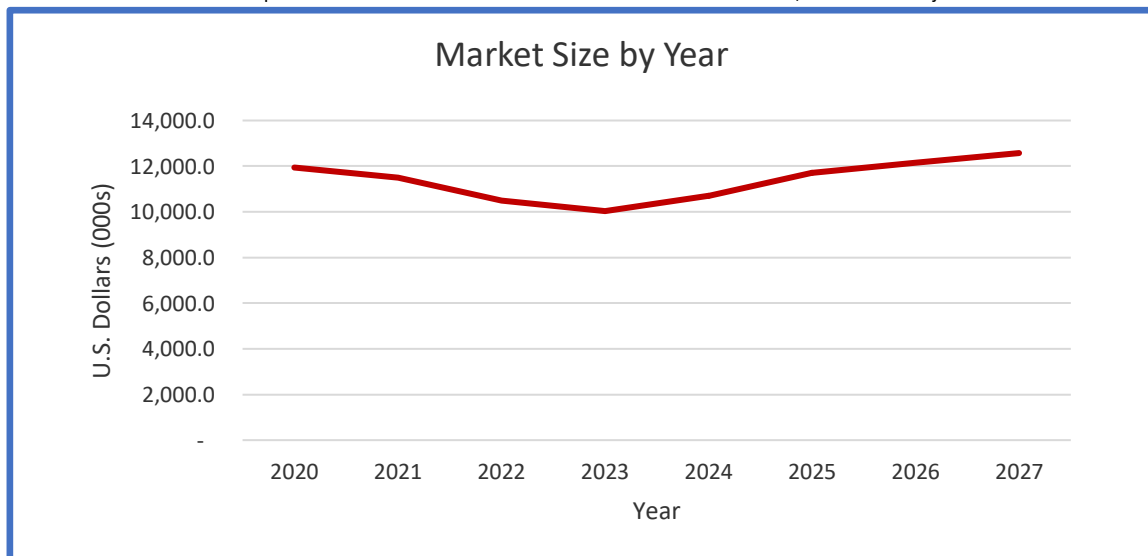
Product/Service Type: Cell Freezing Media for Cell Therapy Market

The market for this equipment in Japan is estimated to be \$12.1 million dollars in 2026 and is expected to change by 3.6 percent from 2026 to 2027. The market will be 1881.7 million Yens in 2026 and is forecast to change by 3.7 percent from 2026 to 2027.

Year	Market Sales (000s)	
	US Dollars	Yens
2020	11,943.3	1,740,557.4
2021	11,498.5	1,717,292.6
2022	10,481.9	1,591,153.0
2023	10,032.0	1,484,741.6
2024	10,697.4	1,540,430.5
2025	11,710.0	1,815,048.2
2026	12,140.0	1,881,705.1
2027	12,574.5	1,949,043.2
2032	15,105.6	2,341,365.7
Y-to-Y Change	US Dollars	Yens
2020-2021	-3.7%	-1.3%
2021-2022	-8.8%	-7.3%
2022-2023	-4.3%	-6.7%
2023-2024	6.6%	3.8%
2024-2025	9.5%	17.8%
2025-2026	3.7%	3.7%
2026-2027	3.6%	3.6%
CAGR 2027-2032	4.0%	20.1%

Source: Barnes Reports

*2025-2026 Forecasts; 2027-2032 Projections



Japan

Product/Service Type: Cell Freezing Media for Cell Therapy Market

Operating Costs Estimates

The annual payroll for this market in Japan will be \$5.58 million dollars in 2026 and the lease and rental payments for the market will be \$0.61 million dollars. The operating expenses for this market is expected to reach \$9.13 million dollars in 2026.

2026 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	5,584.4
Operating Expenses (\$1,000)	9,129.3
Employer Costs for Fringe Benefits (\$1,000)	886.2
Contract Labor Costs including Temporary Help (\$1,000)	376.3
Cost of Insurance (\$1,000)	170.0
Taxes and License Fees (\$1,000)	85.0
Lease and Rental Payments (\$1,000)	607.0

Cost of Services Estimates

The cost of transportation for this market in Japan will be \$0.12 million dollars in 2026 and the cost of printing services for the market will be \$0.08 million dollars. The cost of repair and maintenance for this market is expected to reach \$0.06 million dollars in 2026.

2026 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	121.4
Cost of Purchased Repair and Maintenance Services (\$1,000)	60.7
Cost of Purchased Printing Services (\$1,000)	85.0
Cost of Purchased Advertising and Promotional Services (\$1,000)	170.0
Cost of Purchased Legal Services (\$1,000)	97.1
Cost of Purchased Accounting and Auditing Services (\$1,000)	60.7

*2025-2027 Forecasts

Source: Barnes Reports

South Korea

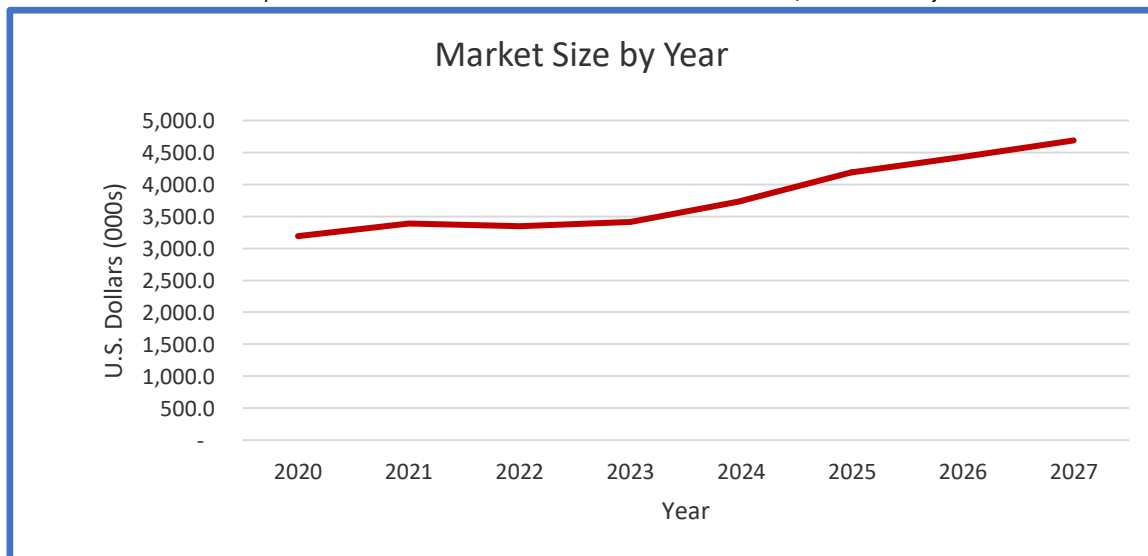
Product/Service Type: Cell Freezing Media for Cell Therapy Market

The market for this equipment in South Korea is estimated to be \$4.4 million dollars in 2026 and is expected to change by 5.7 percent from 2026 to 2027. The market will be 6515.3 million Wons in 2026 and is forecast to change by 5.8 percent from 2026 to 2027.

Market Sales (000s)		
Year	US Dollars	Wons
2020	3,191.5	4,561,565.6
2021	3,391.1	4,561,477.5
2022	3,351.1	4,627,840.7
2023	3,411.9	4,776,651.1
2024	3,742.7	5,426,886.7
2025	4,191.5	6,157,382.0
2026	4,435.2	6,515,253.5
2027	4,688.7	6,887,681.3
2032	6,064.6	8,908,950.2
Y-to-Y Change	US Dollars	Wons
2020-2021	6.3%	0.0%
2021-2022	-1.2%	1.5%
2022-2023	1.8%	3.2%
2023-2024	9.7%	13.6%
2024-2025	12.0%	13.5%
2025-2026	5.8%	5.8%
2026-2027	5.7%	5.7%
CAGR 2027-2032	5.9%	29.3%

Source: Barnes Reports

*2025-2026 Forecasts; 2027-2032 Projections



South Korea

Product/Service Type: Cell Freezing Media for Cell Therapy Market

Operating Costs Estimates

The annual payroll for this market in South Korea will be \$2.04 million dollars in 2026 and the lease and rental payments for the market will be \$0.22 million dollars. The operating expenses for this market is expected to reach \$3.34 million dollars in 2026.

2026 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	2,040.2
Operating Expenses (\$1,000)	3,335.2
Employer Costs for Fringe Benefits (\$1,000)	323.8
Contract Labor Costs including Temporary Help (\$1,000)	137.5
Cost of Insurance (\$1,000)	62.1
Taxes and License Fees (\$1,000)	31.0
Lease and Rental Payments (\$1,000)	221.8

Cost of Services Estimates

The cost of transportation for this market in South Korea will be \$0.04 million dollars in 2026 and the cost of printing services for the market will be \$0.03 million dollars. The cost of repair and maintenance for this market is expected to reach \$0.02 million dollars in 2026.

2026 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	44.4
Cost of Purchased Repair and Maintenance Services (\$1,000)	22.2
Cost of Purchased Printing Services (\$1,000)	31.0
Cost of Purchased Advertising and Promotional Services (\$1,000)	62.1
Cost of Purchased Legal Services (\$1,000)	35.5
Cost of Purchased Accounting and Auditing Services (\$1,000)	22.2

*2025-2027 Forecasts

Source: Barnes Reports

Malaysia

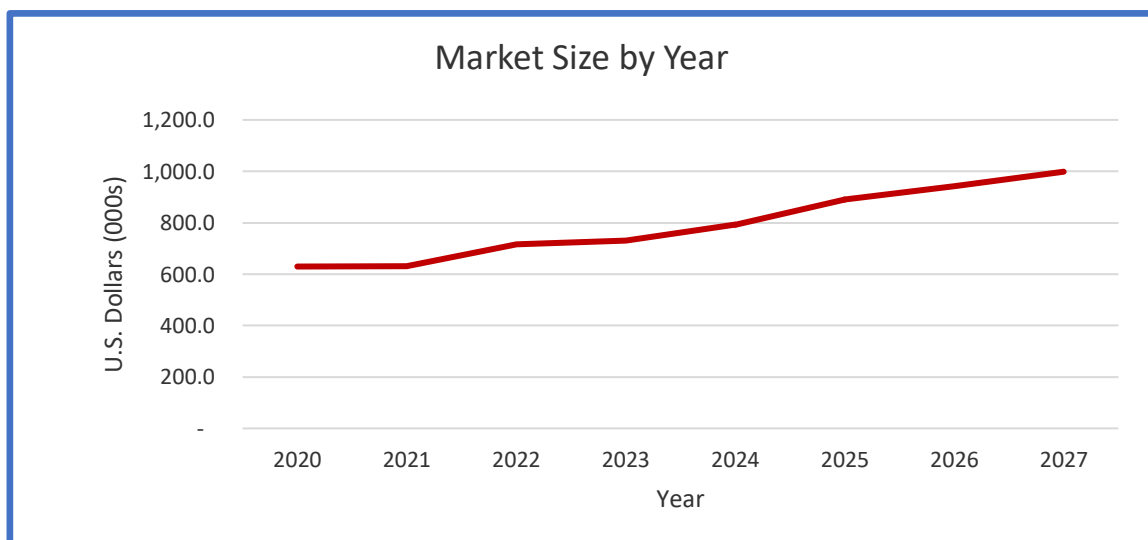
Product/Service Type: Cell Freezing Media for Cell Therapy Market

The market for this equipment in Malaysia is estimated to be \$0.9 million dollars in 2026 and is expected to change by 5.9 percent from 2026 to 2027. The market will be 4.2 million Ringgits in 2026 and is forecast to change by 6 percent from 2026 to 2027.

Market Sales (000s)		
Year	US Dollars	Ringgits
2020	629.6	2,927.7
2021	631.9	2,977.8
2022	715.2	3,103.8
2023	729.8	3,211.0
2024	791.9	3,531.9
2025	890.1	3,990.4
2026	943.2	4,228.2
2027	998.4	4,476.0
2032	1,290.5	5,785.4
Y-to-Y Change	US Dollars	Ringgits
2020-2021	0.4%	1.7%
2021-2022	13.2%	4.2%
2022-2023	2.0%	3.5%
2023-2024	8.5%	10.0%
2024-2025	12.4%	13.0%
2025-2026	6.0%	6.0%
2026-2027	5.9%	5.9%
CAGR 2027-2032	5.9%	29.3%

Source: Barnes Reports

*2025-2026 Forecasts; 2027-2032 Projections



Malaysia

Product/Service Type: Cell Freezing Media for Cell Therapy Market

Operating Costs Estimates

The annual payroll for this market in Malaysia will be \$0.43 million dollars in 2026 and the lease and rental payments for the market will be \$0.05 million dollars. The operating expenses for this market is expected to reach \$0.71 million dollars in 2026.

2026 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	433.9
Operating Expenses (\$1,000)	709.3
Employer Costs for Fringe Benefits (\$1,000)	68.9
Contract Labor Costs including Temporary Help (\$1,000)	29.2
Cost of Insurance (\$1,000)	13.2
Taxes and License Fees (\$1,000)	6.6
Lease and Rental Payments (\$1,000)	47.2

Cost of Services Estimates

The cost of transportation for this market in Malaysia will be \$0.01 million dollars in 2026 and the cost of printing services for the market will be \$0.01 million dollars. The cost of repair and maintenance for this market is expected to reach \$0.00 million dollars in 2026.

2026 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	9.4
Cost of Purchased Repair and Maintenance Services (\$1,000)	4.7
Cost of Purchased Printing Services (\$1,000)	6.6
Cost of Purchased Advertising and Promotional Services (\$1,000)	13.2
Cost of Purchased Legal Services (\$1,000)	7.5
Cost of Purchased Accounting and Auditing Services (\$1,000)	4.7

*2025-2027 Forecasts

Source: Barnes Reports

Mexico

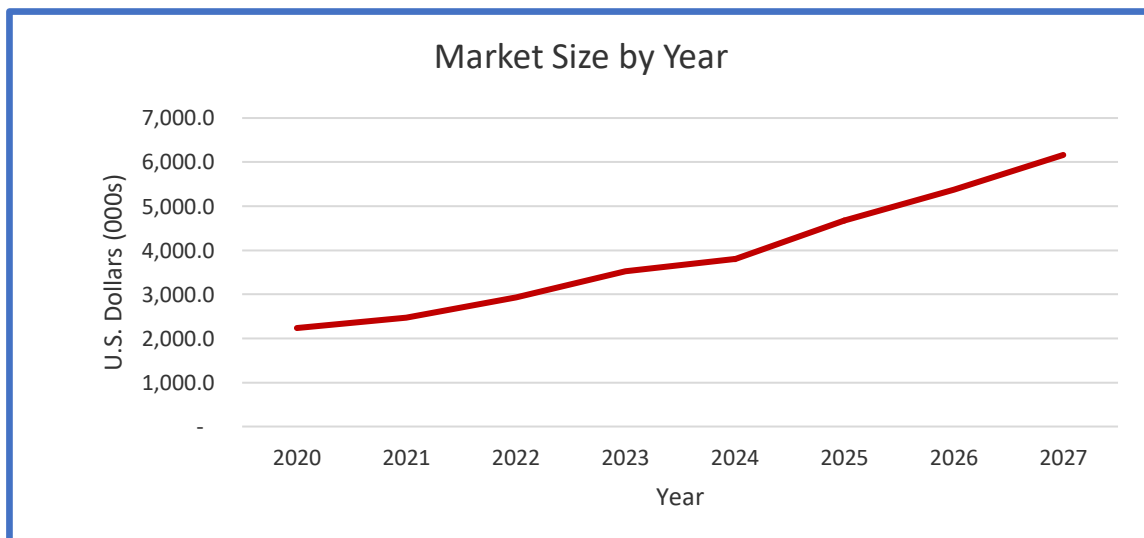
Product/Service Type: Cell Freezing Media for Cell Therapy Market

The market for this equipment in Mexico is estimated to be \$5.4 million dollars in 2026 and is expected to change by 14.8 percent from 2026 to 2027. The market will be 97.7 million Pesos in 2026 and is forecast to change by 14.9 percent from 2026 to 2027.

Year	Market Sales (000s)	
	US Dollars	Pesos
2020	2,235.2	44,627.2
2021	2,474.9	44,992.4
2022	2,928.3	57,979.7
2023	3,525.1	70,502.2
2024	3,797.2	77,843.4
2025	4,674.0	85,066.7
2026	5,369.4	97,722.4
2027	6,162.6	112,159.2
2032	11,003.1	200,256.3
Y-to-Y Change	US Dollars	Pesos
2020-2021	10.7%	0.8%
2021-2022	18.3%	28.9%
2022-2023	20.4%	21.6%
2023-2024	7.7%	10.4%
2024-2025	23.1%	9.3%
2025-2026	14.9%	14.9%
2026-2027	14.8%	14.8%
CAGR 2027-2032	15.7%	78.5%

Source: Barnes Reports

*2025-2026 Forecasts; 2027-2032 Projections



Mexico

Product/Service Type: Cell Freezing Media for Cell Therapy Market

Operating Costs Estimates

The annual payroll for this market in Mexico will be \$2.47 million dollars in 2026 and the lease and rental payments for the market will be \$0.27 million dollars. The operating expenses for this market is expected to reach \$4.04 million dollars in 2026.

2026 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	2,469.9
Operating Expenses (\$1,000)	4,037.8
Employer Costs for Fringe Benefits (\$1,000)	392.0
Contract Labor Costs including Temporary Help (\$1,000)	166.5
Cost of Insurance (\$1,000)	75.2
Taxes and License Fees (\$1,000)	37.6
Lease and Rental Payments (\$1,000)	268.5

Cost of Services Estimates

The cost of transportation for this market in Mexico will be \$0.05 million dollars in 2026 and the cost of printing services for the market will be \$0.04 million dollars. The cost of repair and maintenance for this market is expected to reach \$0.03 million dollars in 2026.

2026 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	53.7
Cost of Purchased Repair and Maintenance Services (\$1,000)	26.8
Cost of Purchased Printing Services (\$1,000)	37.6
Cost of Purchased Advertising and Promotional Services (\$1,000)	75.2
Cost of Purchased Legal Services (\$1,000)	43.0
Cost of Purchased Accounting and Auditing Services (\$1,000)	26.8

*2025-2027 Forecasts

Source: Barnes Reports

Netherlands

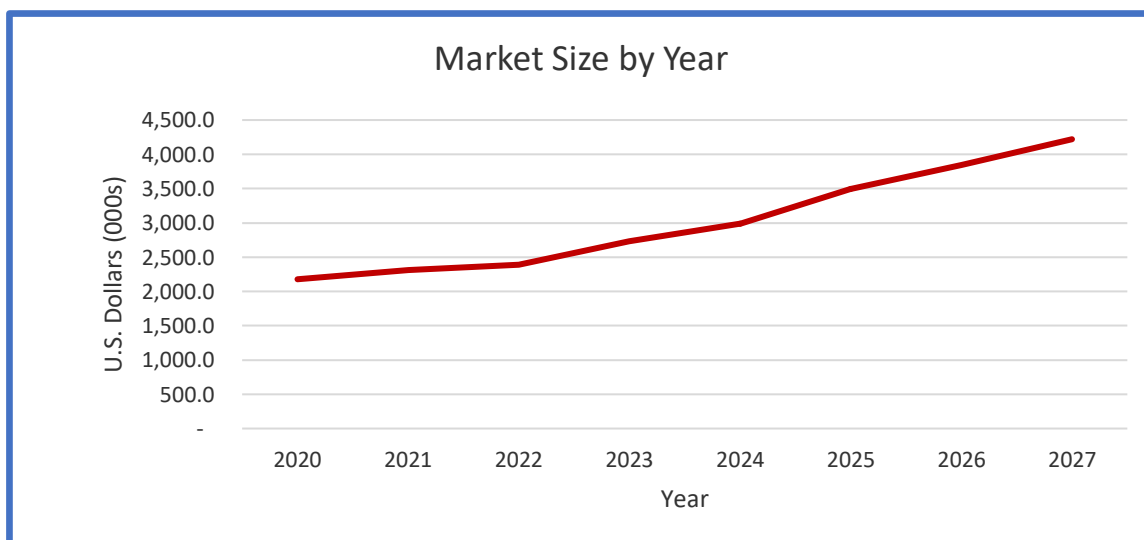
Product/Service Type: Cell Freezing Media for Cell Therapy Market

The market for this equipment in Netherlands is estimated to be \$3.8 million dollars in 2026 and is expected to change by 9.8 percent from 2026 to 2027. The market will be 3.3 million Euros in 2026 and is forecast to change by 9.9 percent from 2026 to 2027.

Year	Market Sales (000s)	
	US Dollars	Euros
2020	2,177.5	2,246.5
2021	2,308.1	2,184.0
2022	2,391.6	2,214.6
2023	2,735.4	2,461.9
2024	2,986.6	2,676.0
2025	3,495.5	2,971.1
2026	3,842.3	3,265.9
2027	4,219.7	3,586.7
2032	6,360.2	5,406.2
Y-to-Y Change	US Dollars	Euros
2020-2021	6.0%	-2.8%
2021-2022	3.6%	1.4%
2022-2023	14.4%	11.2%
2023-2024	9.2%	8.7%
2024-2025	17.0%	11.0%
2025-2026	9.9%	9.9%
2026-2027	9.8%	9.8%
CAGR 2027-2032	10.1%	50.7%

Source: Barnes Reports

*2025-2026 Forecasts; 2027-2032 Projections



Netherlands

Product/Service Type: Cell Freezing Media for Cell Therapy Market

Operating Costs Estimates

The annual payroll for this market in Netherlands will be \$1.77 million dollars in 2026 and the lease and rental payments for the market will be \$0.19 million dollars. The operating expenses for this market is expected to reach \$2.89 million dollars in 2026.

2026 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	1,767.4
Operating Expenses (\$1,000)	2,889.4
Employer Costs for Fringe Benefits (\$1,000)	280.5
Contract Labor Costs including Temporary Help (\$1,000)	119.1
Cost of Insurance (\$1,000)	53.8
Taxes and License Fees (\$1,000)	26.9
Lease and Rental Payments (\$1,000)	192.1

Cost of Services Estimates

The cost of transportation for this market in Netherlands will be \$0.04 million dollars in 2026 and the cost of printing services for the market will be \$0.03 million dollars. The cost of repair and maintenance for this market is expected to reach \$0.02 million dollars in 2026.

2026 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	38.4
Cost of Purchased Repair and Maintenance Services (\$1,000)	19.2
Cost of Purchased Printing Services (\$1,000)	26.9
Cost of Purchased Advertising and Promotional Services (\$1,000)	53.8
Cost of Purchased Legal Services (\$1,000)	30.7
Cost of Purchased Accounting and Auditing Services (\$1,000)	19.2

*2025-2027 Forecasts

Source: Barnes Reports

Nigeria

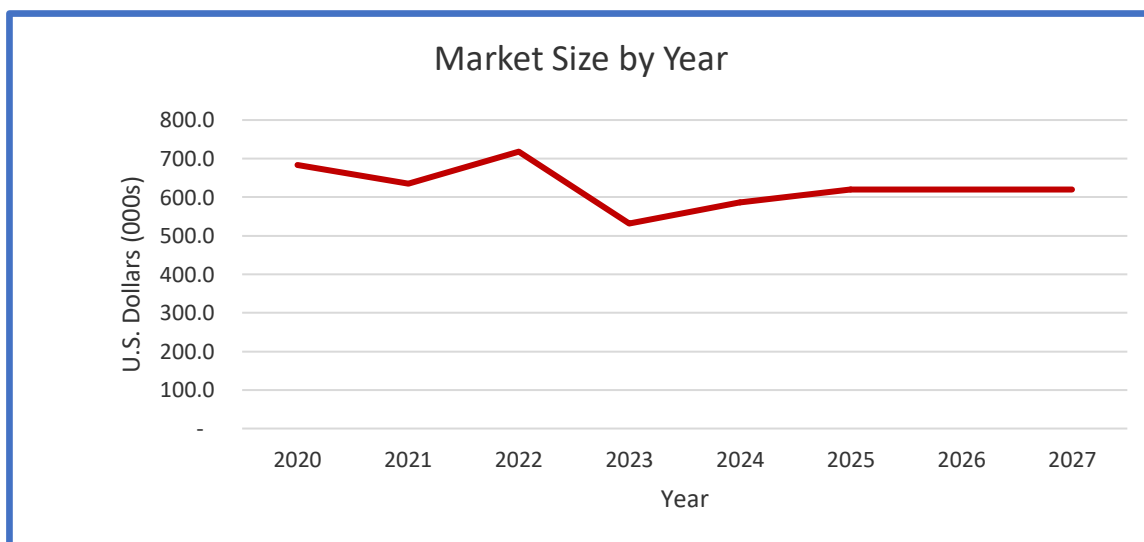
Product/Service Type: Cell Freezing Media for Cell Therapy Market

The market for this equipment in Nigeria is estimated to be \$0.6 million dollars in 2026 and is expected to change by 0 percent from 2026 to 2027. The market will be 1019.3 million Nairas in 2026 and is forecast to change by 0.1 percent from 2026 to 2027.

Year	Market Sales (000s)	
	US Dollars	Nairas
2020	684.0	297,066.6
2021	634.4	489,862.1
2022	717.9	1,179,581.0
2023	531.6	873,481.6
2024	586.4	963,469.4
2025	620.0	1,018,592.2
2026	620.4	1,019,326.0
2027	620.3	1,019,136.5
2032	618.0	1,015,420.5
Y-to-Y Change	US Dollars	Nairas
2020-2021	-7.3%	64.9%
2021-2022	13.2%	140.8%
2022-2023	-25.9%	-25.9%
2023-2024	10.3%	10.3%
2024-2025	5.7%	5.7%
2025-2026	0.1%	0.1%
2026-2027	0.0%	0.0%
CAGR 2027-2032	-0.1%	-0.4%

Source: Barnes Reports

*2025-2026 Forecasts; 2027-2032 Projections



Nigeria

Product/Service Type: Cell Freezing Media for Cell Therapy Market

Operating Costs Estimates

The annual payroll for this market in Nigeria will be \$0.29 million dollars in 2026 and the lease and rental payments for the market will be \$0.03 million dollars. The operating expenses for this market is expected to reach \$0.47 million dollars in 2026.

2026 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	285.4
Operating Expenses (\$1,000)	466.5
Employer Costs for Fringe Benefits (\$1,000)	45.3
Contract Labor Costs including Temporary Help (\$1,000)	19.2
Cost of Insurance (\$1,000)	8.7
Taxes and License Fees (\$1,000)	4.3
Lease and Rental Payments (\$1,000)	31.0

Cost of Services Estimates

The cost of transportation for this market in Nigeria will be \$0.01 million dollars in 2026 and the cost of printing services for the market will be \$0.00 million dollars. The cost of repair and maintenance for this market is expected to reach \$0.00 million dollars in 2026.

2026 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	6.2
Cost of Purchased Repair and Maintenance Services (\$1,000)	3.1
Cost of Purchased Printing Services (\$1,000)	4.3
Cost of Purchased Advertising and Promotional Services (\$1,000)	8.7
Cost of Purchased Legal Services (\$1,000)	5.0
Cost of Purchased Accounting and Auditing Services (\$1,000)	3.1

*2025-2027 Forecasts

Source: Barnes Reports

Norway

Product/Service Type: Cell Freezing Media for Cell Therapy Market

The market for this equipment in Norway is estimated to be \$1.0 million dollars in 2026 and is expected to change by 7 percent from 2026 to 2027. The market will be 10.5 million Kroner in 2026 and is forecast to change by 7.1 percent from 2026 to 2027.

Year	Market Sales (000s)	
	US Dollars	Krones
2020	745.3	7,968.5
2021	834.9	9,109.5
2022	855.0	9,319.3
2023	824.1	8,982.6
2024	846.3	9,139.8
2025	969.5	9,792.1
2026	1,038.4	10,487.7
2027	1,111.1	11,222.4
2032	1,443.5	14,579.5
Y-to-Y Change	US Dollars	Krones
2020-2021	12.0%	14.3%
2021-2022	2.4%	2.3%
2022-2023	-3.6%	-3.6%
2023-2024	2.7%	1.8%
2024-2025	14.6%	7.1%
2025-2026	7.1%	7.1%
2026-2027	7.0%	7.0%
CAGR 2027-2032	6.0%	29.9%

Source: Barnes Reports

*2025-2026 Forecasts; 2027-2032 Projections



Norway

Product/Service Type: Cell Freezing Media for Cell Therapy Market

Operating Costs Estimates

The annual payroll for this market in Norway will be \$0.48 million dollars in 2026 and the lease and rental payments for the market will be \$0.05 million dollars. The operating expenses for this market is expected to reach \$0.78 million dollars in 2026.

2026 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	477.7
Operating Expenses (\$1,000)	780.9
Employer Costs for Fringe Benefits (\$1,000)	75.8
Contract Labor Costs including Temporary Help (\$1,000)	32.2
Cost of Insurance (\$1,000)	14.5
Taxes and License Fees (\$1,000)	7.3
Lease and Rental Payments (\$1,000)	51.9

Cost of Services Estimates

The cost of transportation for this market in Norway will be \$0.01 million dollars in 2026 and the cost of printing services for the market will be \$0.01 million dollars. The cost of repair and maintenance for this market is expected to reach \$0.01 million dollars in 2026.

2026 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	10.4
Cost of Purchased Repair and Maintenance Services (\$1,000)	5.2
Cost of Purchased Printing Services (\$1,000)	7.3
Cost of Purchased Advertising and Promotional Services (\$1,000)	14.5
Cost of Purchased Legal Services (\$1,000)	8.3
Cost of Purchased Accounting and Auditing Services (\$1,000)	5.2

*2025-2027 Forecasts

Source: Barnes Reports

Pakistan

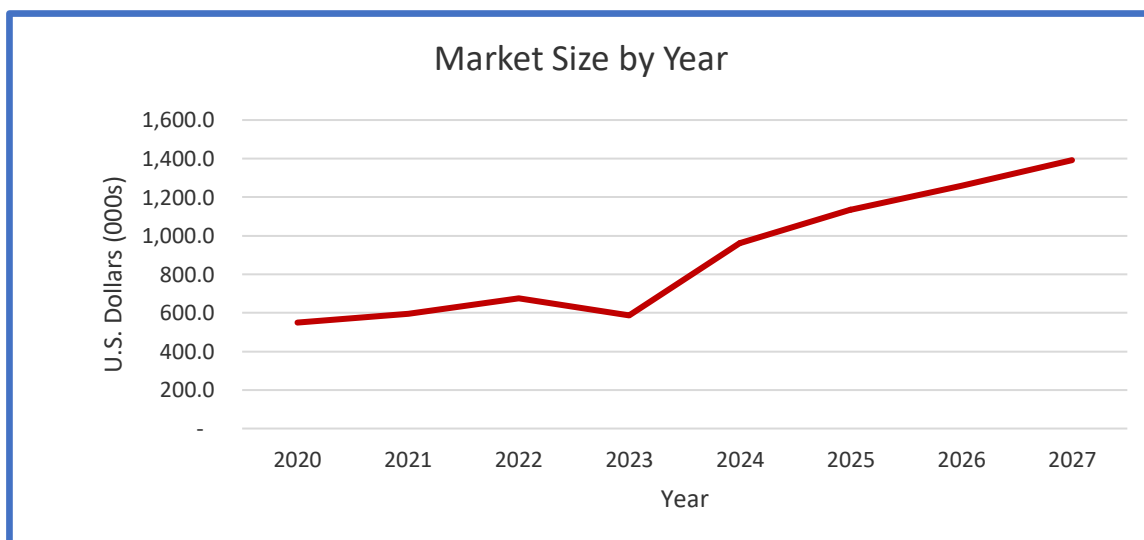
Product/Service Type: Cell Freezing Media for Cell Therapy Market

The market for this equipment in Pakistan is estimated to be \$1.3 million dollars in 2026 and is expected to change by 10.7 percent from 2026 to 2027. The market will be 352.1 million Rupees in 2026 and is forecast to change by 10.8 percent from 2026 to 2027.

Year	Market Sales (000s)	
	US Dollars	Rupees
2020	549.7	121,847.6
2021	596.5	169,116.0
2022	675.1	186,998.3
2023	586.0	162,320.8
2024	961.9	269,335.3
2025	1,135.2	317,867.0
2026	1,257.6	352,116.3
2027	1,391.8	389,702.6
2032	2,187.0	612,372.7
Y-to-Y Change	US Dollars	Rupees
2020-2021	8.5%	38.8%
2021-2022	13.2%	10.6%
2022-2023	-13.2%	-13.2%
2023-2024	64.2%	65.9%
2024-2025	18.0%	18.0%
2025-2026	10.8%	10.8%
2026-2027	10.7%	10.7%
CAGR 2027-2032	11.4%	57.1%

Source: Barnes Reports

*2025-2026 Forecasts; 2027-2032 Projections



Pakistan

Product/Service Type: Cell Freezing Media for Cell Therapy Market

Operating Costs Estimates

The annual payroll for this market in Pakistan will be \$0.58 million dollars in 2026 and the lease and rental payments for the market will be \$0.06 million dollars. The operating expenses for this market is expected to reach \$0.95 million dollars in 2026.

2026 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	578.5
Operating Expenses (\$1,000)	945.7
Employer Costs for Fringe Benefits (\$1,000)	91.8
Contract Labor Costs including Temporary Help (\$1,000)	39.0
Cost of Insurance (\$1,000)	17.6
Taxes and License Fees (\$1,000)	8.8
Lease and Rental Payments (\$1,000)	62.9

Cost of Services Estimates

The cost of transportation for this market in Pakistan will be \$0.01 million dollars in 2026 and the cost of printing services for the market will be \$0.01 million dollars. The cost of repair and maintenance for this market is expected to reach \$0.01 million dollars in 2026.

2026 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	12.6
Cost of Purchased Repair and Maintenance Services (\$1,000)	6.3
Cost of Purchased Printing Services (\$1,000)	8.8
Cost of Purchased Advertising and Promotional Services (\$1,000)	17.6
Cost of Purchased Legal Services (\$1,000)	10.1
Cost of Purchased Accounting and Auditing Services (\$1,000)	6.3

*2025-2027 Forecasts

Source: Barnes Reports

Philippines

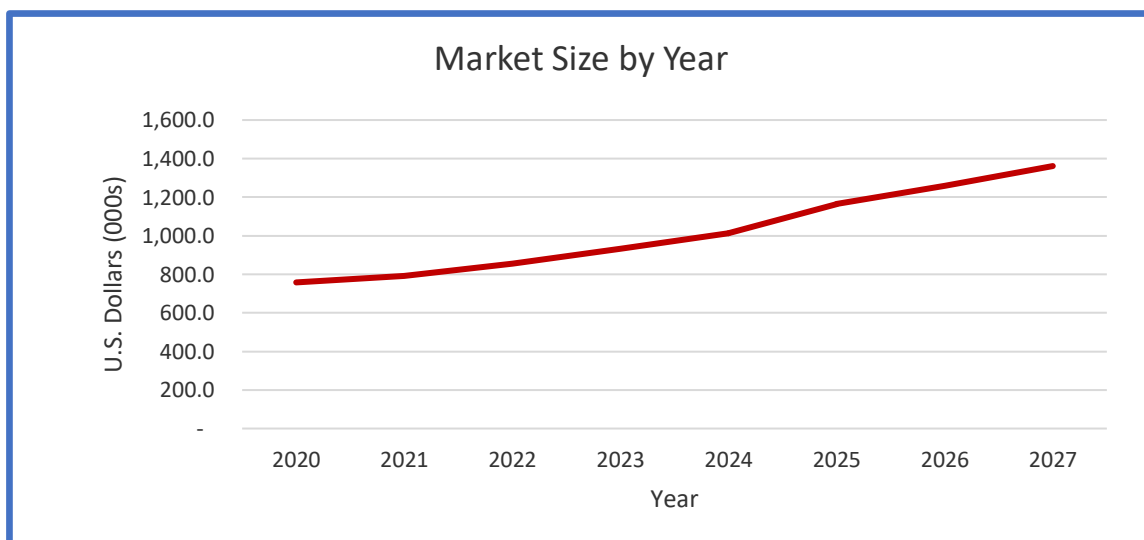
Product/Service Type: Cell Freezing Media for Cell Therapy Market

The market for this equipment in Philippines is estimated to be \$1.3 million dollars in 2026 and is expected to change by 8.1 percent from 2026 to 2027. The market will be 74.2 million Pesos in 2026 and is forecast to change by 8.2 percent from 2026 to 2027.

Year	Market Sales (000s)	
	US Dollars	Pesos
2020	757.9	44,707.1
2021	790.6	44,819.5
2022	854.0	49,448.2
2023	931.3	53,551.2
2024	1,013.2	58,056.1
2025	1,163.9	68,551.4
2026	1,259.3	74,172.2
2027	1,361.3	80,181.2
2032	1,943.1	114,449.4
Y-to-Y Change	US Dollars	Pesos
2020-2021	4.3%	0.3%
2021-2022	8.0%	10.3%
2022-2023	9.1%	8.3%
2023-2024	8.8%	8.4%
2024-2025	14.9%	18.1%
2025-2026	8.2%	8.2%
2026-2027	8.1%	8.1%
CAGR 2027-2032	8.5%	42.7%

Source: Barnes Reports

*2025-2026 Forecasts; 2027-2032 Projections



Philippines

Product/Service Type: Cell Freezing Media for Cell Therapy Market

Operating Costs Estimates

The annual payroll for this market in Philippines will be \$0.58 million dollars in 2026 and the lease and rental payments for the market will be \$0.06 million dollars. The operating expenses for this market is expected to reach \$0.95 million dollars in 2026.

2026 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	579.3
Operating Expenses (\$1,000)	947.0
Employer Costs for Fringe Benefits (\$1,000)	91.9
Contract Labor Costs including Temporary Help (\$1,000)	39.0
Cost of Insurance (\$1,000)	17.6
Taxes and License Fees (\$1,000)	8.8
Lease and Rental Payments (\$1,000)	63.0

Cost of Services Estimates

The cost of transportation for this market in Philippines will be \$0.01 million dollars in 2026 and the cost of printing services for the market will be \$0.01 million dollars. The cost of repair and maintenance for this market is expected to reach \$0.01 million dollars in 2026.

2026 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	12.6
Cost of Purchased Repair and Maintenance Services (\$1,000)	6.3
Cost of Purchased Printing Services (\$1,000)	8.8
Cost of Purchased Advertising and Promotional Services (\$1,000)	17.6
Cost of Purchased Legal Services (\$1,000)	10.1
Cost of Purchased Accounting and Auditing Services (\$1,000)	6.3

*2025-2027 Forecasts

Source: Barnes Reports

Poland

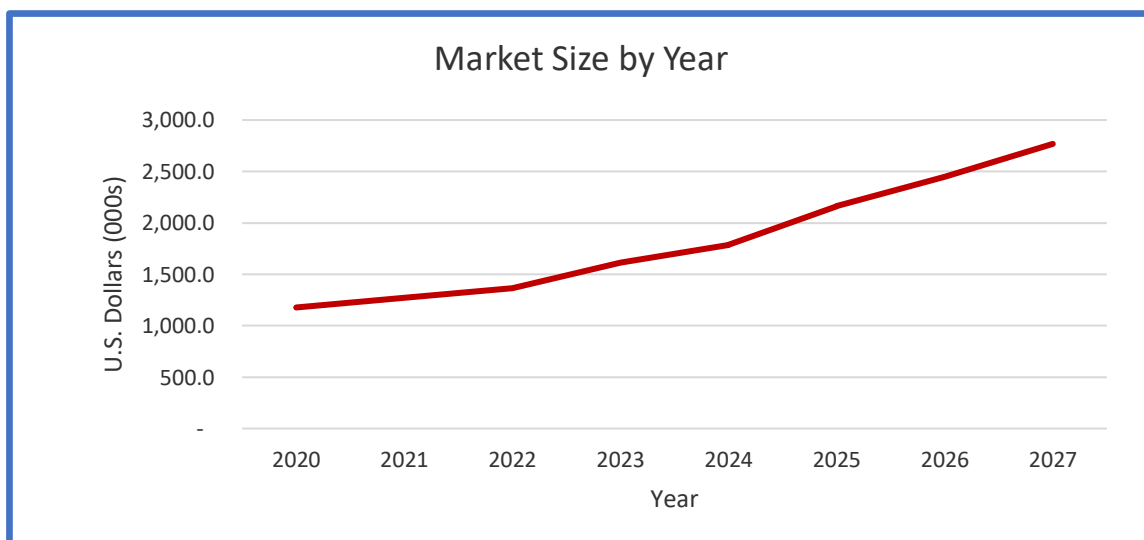
Product/Service Type: Cell Freezing Media for Cell Therapy Market

The market for this equipment in Poland is estimated to be \$2.4 million dollars in 2026 and is expected to change by 13.1 percent from 2026 to 2027. The market will be 8.8 million Zlotys in 2026 and is forecast to change by 13.2 percent from 2026 to 2027.

Year	Market Sales (000s)	
	US Dollars	Zlotys
2020	1,177.2	5,885.9
2021	1,270.6	5,503.6
2022	1,362.5	5,477.1
2023	1,614.0	6,246.2
2024	1,786.9	6,826.0
2025	2,160.9	7,779.4
2026	2,446.7	8,808.2
2027	2,767.8	9,963.9
2032	4,814.5	17,332.2
Y-to-Y Change	US Dollars	Zlotys
2020-2021	7.9%	-6.5%
2021-2022	7.2%	-0.5%
2022-2023	18.5%	14.0%
2023-2024	10.7%	9.3%
2024-2025	20.9%	14.0%
2025-2026	13.2%	13.2%
2026-2027	13.1%	13.1%
CAGR 2027-2032	14.8%	73.9%

Source: Barnes Reports

*2025-2026 Forecasts; 2027-2032 Projections



Poland

Product/Service Type: Cell Freezing Media for Cell Therapy Market

Operating Costs Estimates

The annual payroll for this market in Poland will be \$1.13 million dollars in 2026 and the lease and rental payments for the market will be \$0.12 million dollars. The operating expenses for this market is expected to reach \$1.84 million dollars in 2026.

2026 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	1,125.5
Operating Expenses (\$1,000)	1,839.9
Employer Costs for Fringe Benefits (\$1,000)	178.6
Contract Labor Costs including Temporary Help (\$1,000)	75.8
Cost of Insurance (\$1,000)	34.3
Taxes and License Fees (\$1,000)	17.1
Lease and Rental Payments (\$1,000)	122.3

Cost of Services Estimates

The cost of transportation for this market in Poland will be \$0.02 million dollars in 2026 and the cost of printing services for the market will be \$0.02 million dollars. The cost of repair and maintenance for this market is expected to reach \$0.01 million dollars in 2026.

2026 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	24.5
Cost of Purchased Repair and Maintenance Services (\$1,000)	12.2
Cost of Purchased Printing Services (\$1,000)	17.1
Cost of Purchased Advertising and Promotional Services (\$1,000)	34.3
Cost of Purchased Legal Services (\$1,000)	19.6
Cost of Purchased Accounting and Auditing Services (\$1,000)	12.2

*2025-2027 Forecasts

Source: Barnes Reports

Puerto Rico

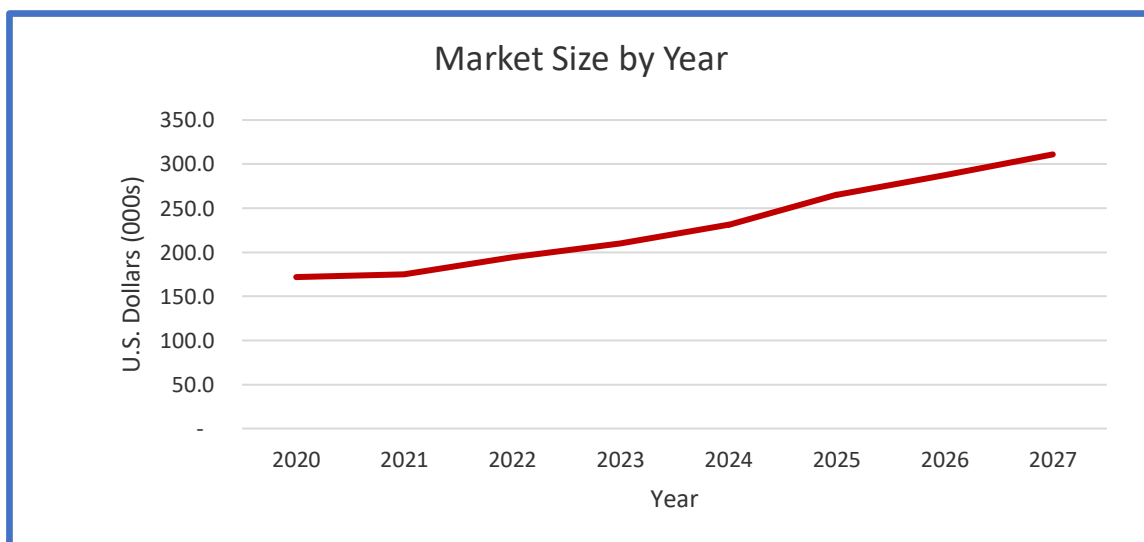
Product/Service Type: Cell Freezing Media for Cell Therapy Market

The market for this equipment in Puerto Rico is estimated to be \$0.3 million dollars in 2026 and is expected to change by 8.2 percent from 2026 to 2027. The market will be 0.3 million Dollars in 2026 and is forecast to change by 8.3 percent from 2026 to 2027.

Market Sales (000s)		
Year	US Dollars	Dollars
2020	171.8	171.8
2021	175.2	175.2
2022	194.1	194.1
2023	210.1	210.1
2024	231.0	231.0
2025	265.3	265.3
2026	287.4	287.4
2027	311.0	311.0
2032	446.1	446.1
Y-to-Y Change	US Dollars	Dollars
2020-2021	2.0%	2.0%
2021-2022	10.7%	10.7%
2022-2023	8.2%	8.2%
2023-2024	10.0%	10.0%
2024-2025	14.8%	14.8%
2025-2026	8.3%	8.3%
2026-2027	8.2%	8.2%
CAGR 2027-2032	8.7%	43.4%

Source: Barnes Reports

*2025-2026 Forecasts; 2027-2032 Projections



Puerto Rico

Product/Service Type: Cell Freezing Media for Cell Therapy Market

Operating Costs Estimates

The annual payroll for this market in Puerto Rico will be \$0.13 million dollars in 2026 and the lease and rental payments for the market will be \$0.01 million dollars. The operating expenses for this market is expected to reach \$0.22 million dollars in 2026.

2026 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	132.2
Operating Expenses (\$1,000)	216.1
Employer Costs for Fringe Benefits (\$1,000)	21.0
Contract Labor Costs including Temporary Help (\$1,000)	8.9
Cost of Insurance (\$1,000)	4.0
Taxes and License Fees (\$1,000)	2.0
Lease and Rental Payments (\$1,000)	14.4

Cost of Services Estimates

The cost of transportation for this market in Puerto Rico will be \$0.00 million dollars in 2026 and the cost of printing services for the market will be \$0.00 million dollars. The cost of repair and maintenance for this market is expected to reach \$0.00 million dollars in 2026.

2026 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	2.9
Cost of Purchased Repair and Maintenance Services (\$1,000)	1.4
Cost of Purchased Printing Services (\$1,000)	2.0
Cost of Purchased Advertising and Promotional Services (\$1,000)	4.0
Cost of Purchased Legal Services (\$1,000)	2.3
Cost of Purchased Accounting and Auditing Services (\$1,000)	1.4

*2025-2027 Forecasts

Source: Barnes Reports

Romania

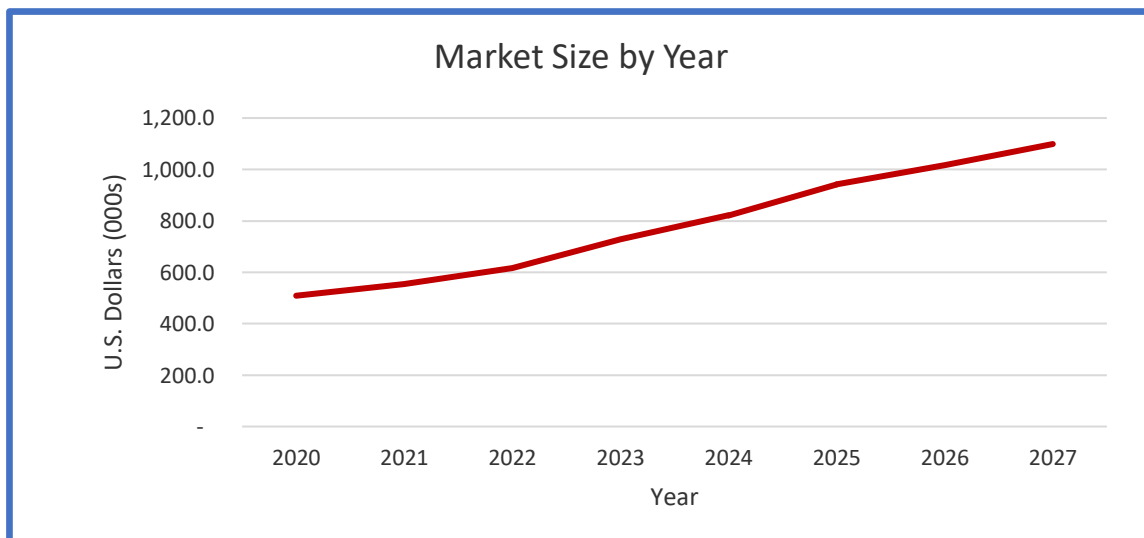
Product/Service Type: Cell Freezing Media for Cell Therapy Market

The market for this equipment in Romania is estimated to be \$1.0 million dollars in 2026 and is expected to change by 8 percent from 2026 to 2027. The market will be 4.4 million Leus in 2026 and is forecast to change by 8.1 percent from 2026 to 2027.

Year	Market Sales (000s)	
	US Dollars	Leus
2020	508.8	2,592.2
2021	554.6	2,603.8
2022	616.5	2,835.7
2023	728.0	3,268.9
2024	820.8	3,660.8
2025	941.6	4,048.7
2026	1,017.6	4,375.7
2027	1,098.8	4,724.9
2032	1,677.7	7,214.1
Y-to-Y Change	US Dollars	Leus
2020-2021	9.0%	0.4%
2021-2022	11.1%	8.9%
2022-2023	18.1%	15.3%
2023-2024	12.7%	12.0%
2024-2025	14.7%	10.6%
2025-2026	8.1%	8.1%
2026-2027	8.0%	8.0%
CAGR 2027-2032	10.5%	52.7%

Source: Barnes Reports

*2025-2026 Forecasts; 2027-2032 Projections



Romania

Product/Service Type: Cell Freezing Media for Cell Therapy Market

Operating Costs Estimates

The annual payroll for this market in Romania will be \$0.47 million dollars in 2026 and the lease and rental payments for the market will be \$0.05 million dollars. The operating expenses for this market is expected to reach \$0.77 million dollars in 2026.

2026 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	468.1
Operating Expenses (\$1,000)	765.2
Employer Costs for Fringe Benefits (\$1,000)	74.3
Contract Labor Costs including Temporary Help (\$1,000)	31.5
Cost of Insurance (\$1,000)	14.2
Taxes and License Fees (\$1,000)	7.1
Lease and Rental Payments (\$1,000)	50.9

Cost of Services Estimates

The cost of transportation for this market in Romania will be \$0.01 million dollars in 2026 and the cost of printing services for the market will be \$0.01 million dollars. The cost of repair and maintenance for this market is expected to reach \$0.01 million dollars in 2026.

2026 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	10.2
Cost of Purchased Repair and Maintenance Services (\$1,000)	5.1
Cost of Purchased Printing Services (\$1,000)	7.1
Cost of Purchased Advertising and Promotional Services (\$1,000)	14.2
Cost of Purchased Legal Services (\$1,000)	8.1
Cost of Purchased Accounting and Auditing Services (\$1,000)	5.1

*2025-2027 Forecasts

Source: Barnes Reports

Russia

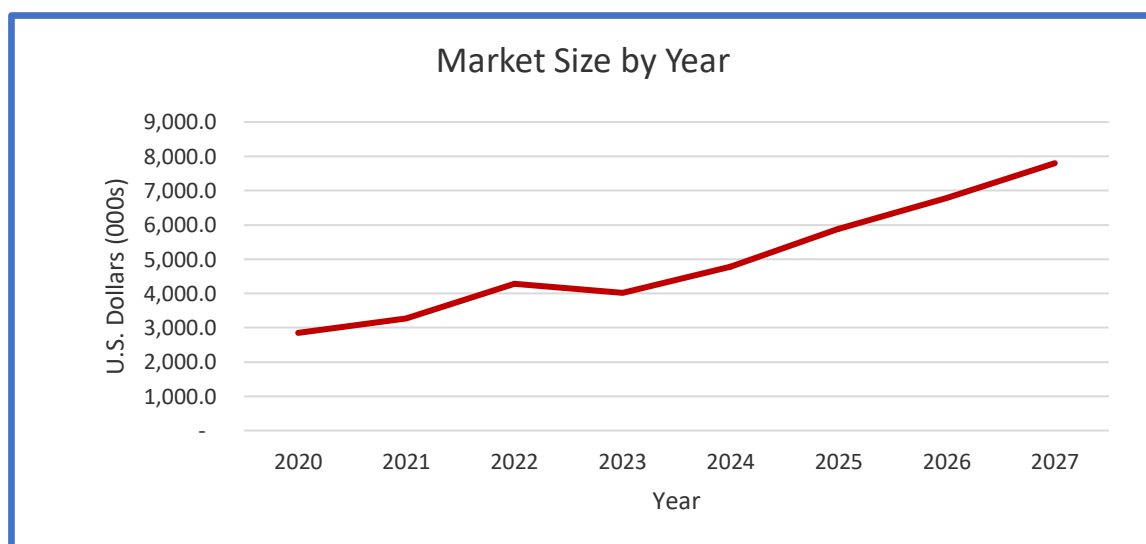
Product/Service Type: Cell Freezing Media for Cell Therapy Market

The market for this equipment in Russia is estimated to be \$6.8 million dollars in 2026 and is expected to change by 15 percent from 2026 to 2027. The market will be 519.9 million Rubles in 2026 and is forecast to change by 15.1 percent from 2026 to 2027.

Year	Market Sales (000s)	
	US Dollars	Rubles
2020	2,849.9	182,006.9
2021	3,266.1	329,874.6
2022	4,280.5	414,355.5
2023	4,010.9	352,962.5
2024	4,780.7	403,490.1
2025	5,887.0	451,535.5
2026	6,778.9	519,941.0
2027	7,798.8	598,167.4
2032	14,523.3	1,113,940.3
Y-to-Y Change	US Dollars	Rubles
2020-2021	14.6%	81.2%
2021-2022	31.1%	25.6%
2022-2023	-6.3%	-14.8%
2023-2024	19.2%	14.3%
2024-2025	23.1%	11.9%
2025-2026	15.1%	15.1%
2026-2027	15.0%	15.0%
CAGR 2027-2032	17.2%	86.2%

Source: Barnes Reports

*2025-2026 Forecasts; 2027-2032 Projections



Russia

Product/Service Type: Cell Freezing Media for Cell Therapy Market

Operating Costs Estimates

The annual payroll for this market in Russia will be \$3.12 million dollars in 2026 and the lease and rental payments for the market will be \$0.34 million dollars. The operating expenses for this market is expected to reach \$5.10 million dollars in 2026.

2026 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	3,118.3
Operating Expenses (\$1,000)	5,097.7
Employer Costs for Fringe Benefits (\$1,000)	494.9
Contract Labor Costs including Temporary Help (\$1,000)	210.1
Cost of Insurance (\$1,000)	94.9
Taxes and License Fees (\$1,000)	47.5
Lease and Rental Payments (\$1,000)	338.9

Cost of Services Estimates

The cost of transportation for this market in Russia will be \$0.07 million dollars in 2026 and the cost of printing services for the market will be \$0.05 million dollars. The cost of repair and maintenance for this market is expected to reach \$0.03 million dollars in 2026.

2026 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	67.8
Cost of Purchased Repair and Maintenance Services (\$1,000)	33.9
Cost of Purchased Printing Services (\$1,000)	47.5
Cost of Purchased Advertising and Promotional Services (\$1,000)	94.9
Cost of Purchased Legal Services (\$1,000)	54.2
Cost of Purchased Accounting and Auditing Services (\$1,000)	33.9

*2025-2027 Forecasts

Source: Barnes Reports

Saudi Arabia

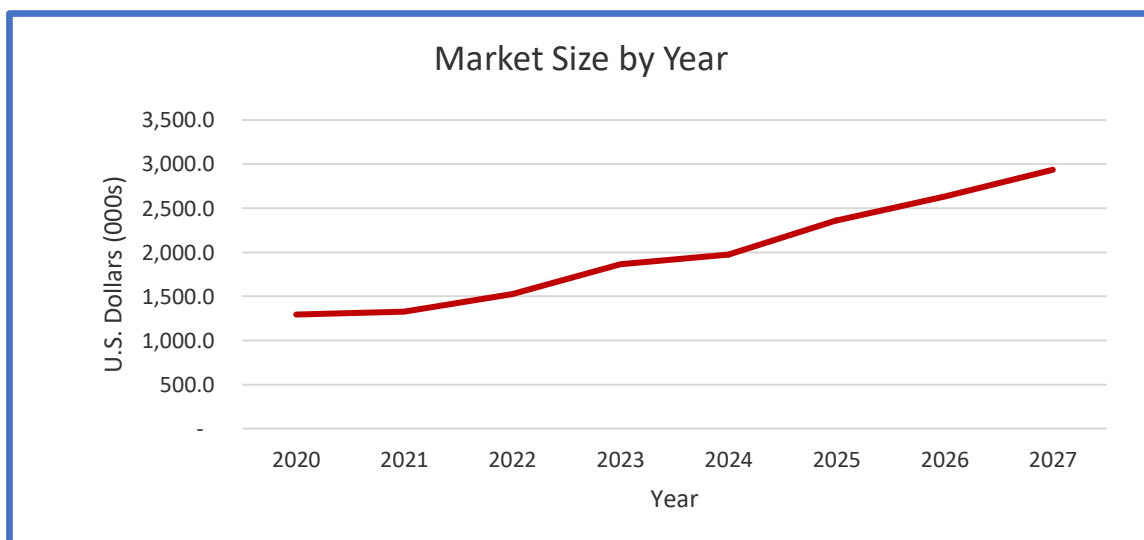
Product/Service Type: Cell Freezing Media for Cell Therapy Market

The market for this equipment in Saudi Arabia is estimated to be \$2.6 million dollars in 2026 and is expected to change by 11.4 percent from 2026 to 2027. The market will be 9.9 million Riyals in 2026 and is forecast to change by 11.5 percent from 2026 to 2027.

Year	Market Sales (000s)	
	US Dollars	Riyals
2020	1,293.3	4,850.0
2021	1,327.9	4,979.6
2022	1,524.4	5,716.5
2023	1,864.8	6,992.8
2024	1,973.7	7,401.2
2025	2,362.2	8,858.3
2026	2,634.6	9,879.9
2027	2,935.8	11,009.3
2032	4,349.9	16,312.3
Y-to-Y Change	US Dollars	Riyals
2020-2021	2.7%	2.7%
2021-2022	14.8%	14.8%
2022-2023	22.3%	22.3%
2023-2024	5.8%	5.8%
2024-2025	19.7%	19.7%
2025-2026	11.5%	11.5%
2026-2027	11.4%	11.4%
CAGR 2027-2032	9.6%	48.2%

Source: Barnes Reports

*2025-2026 Forecasts; 2027-2032 Projections



Saudi Arabia

Product/Service Type: Cell Freezing Media for Cell Therapy Market

Operating Costs Estimates

The annual payroll for this market in Saudi Arabia will be \$1.21 million dollars in 2026 and the lease and rental payments for the market will be \$0.13 million dollars. The operating expenses for this market is expected to reach \$1.98 million dollars in 2026.

2026 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	1,211.9
Operating Expenses (\$1,000)	1,981.2
Employer Costs for Fringe Benefits (\$1,000)	192.3
Contract Labor Costs including Temporary Help (\$1,000)	81.7
Cost of Insurance (\$1,000)	36.9
Taxes and License Fees (\$1,000)	18.4
Lease and Rental Payments (\$1,000)	131.7

Cost of Services Estimates

The cost of transportation for this market in Saudi Arabia will be \$0.03 million dollars in 2026 and the cost of printing services for the market will be \$0.02 million dollars. The cost of repair and maintenance for this market is expected to reach \$0.01 million dollars in 2026.

2026 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	26.3
Cost of Purchased Repair and Maintenance Services (\$1,000)	13.2
Cost of Purchased Printing Services (\$1,000)	18.4
Cost of Purchased Advertising and Promotional Services (\$1,000)	36.9
Cost of Purchased Legal Services (\$1,000)	21.1
Cost of Purchased Accounting and Auditing Services (\$1,000)	13.2

*2025-2027 Forecasts

Source: Barnes Reports

Singapore

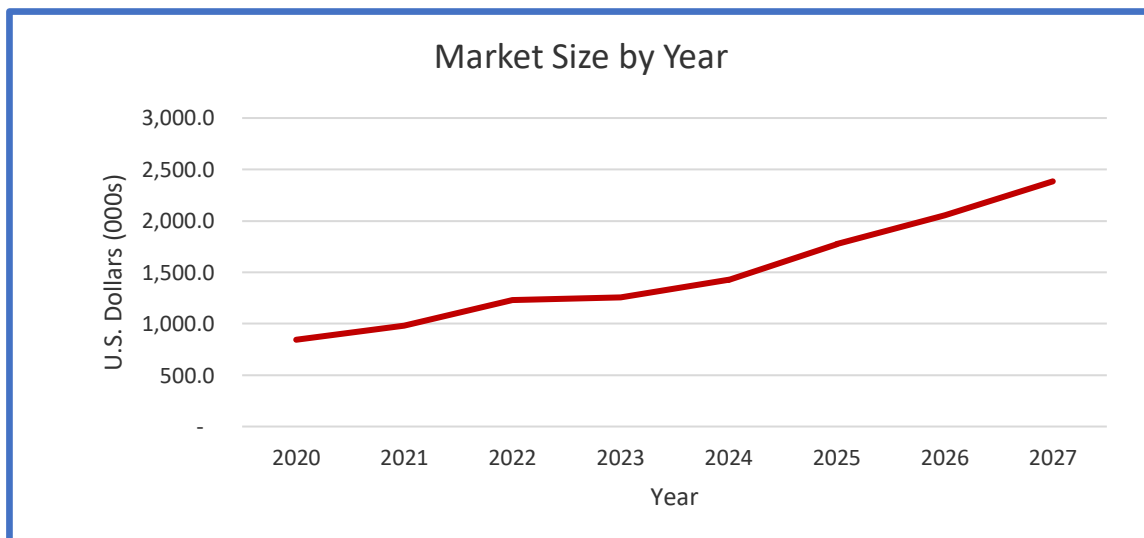
Product/Service Type: Cell Freezing Media for Cell Therapy Market

The market for this equipment in Singapore is estimated to be \$2.1 million dollars in 2026 and is expected to change by 15.9 percent from 2026 to 2027. The market will be 2.7 million Dollars in 2026 and is forecast to change by 16 percent from 2026 to 2027.

Market Sales (000s)		
Year	US Dollars	Dollars
2020	844.1	1,213.8
2021	978.9	1,336.3
2022	1,231.2	1,699.0
2023	1,253.7	1,692.5
2024	1,425.2	1,895.6
2025	1,772.0	2,285.8
2026	2,056.3	2,652.6
2027	2,384.1	3,075.6
2032	4,444.4	5,733.3
Y-to-Y Change	US Dollars	Dollars
2020-2021	16.0%	10.1%
2021-2022	25.8%	27.1%
2022-2023	1.8%	-0.4%
2023-2024	13.7%	12.0%
2024-2025	24.3%	20.6%
2025-2026	16.0%	16.0%
2026-2027	15.9%	15.9%
CAGR 2027-2032	17.3%	86.4%

Source: Barnes Reports

*2025-2026 Forecasts; 2027-2032 Projections



Singapore

Product/Service Type: Cell Freezing Media for Cell Therapy Market

Operating Costs Estimates

The annual payroll for this market in Singapore will be \$0.95 million dollars in 2026 and the lease and rental payments for the market will be \$0.10 million dollars. The operating expenses for this market is expected to reach \$1.55 million dollars in 2026.

2026 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	945.9
Operating Expenses (\$1,000)	1,546.3
Employer Costs for Fringe Benefits (\$1,000)	150.1
Contract Labor Costs including Temporary Help (\$1,000)	63.7
Cost of Insurance (\$1,000)	28.8
Taxes and License Fees (\$1,000)	14.4
Lease and Rental Payments (\$1,000)	102.8

Cost of Services Estimates

The cost of transportation for this market in Singapore will be \$0.02 million dollars in 2026 and the cost of printing services for the market will be \$0.01 million dollars. The cost of repair and maintenance for this market is expected to reach \$0.01 million dollars in 2026.

2026 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	20.6
Cost of Purchased Repair and Maintenance Services (\$1,000)	10.3
Cost of Purchased Printing Services (\$1,000)	14.4
Cost of Purchased Advertising and Promotional Services (\$1,000)	28.8
Cost of Purchased Legal Services (\$1,000)	16.5
Cost of Purchased Accounting and Auditing Services (\$1,000)	10.3

*2025-2027 Forecasts

Source: Barnes Reports

South Africa

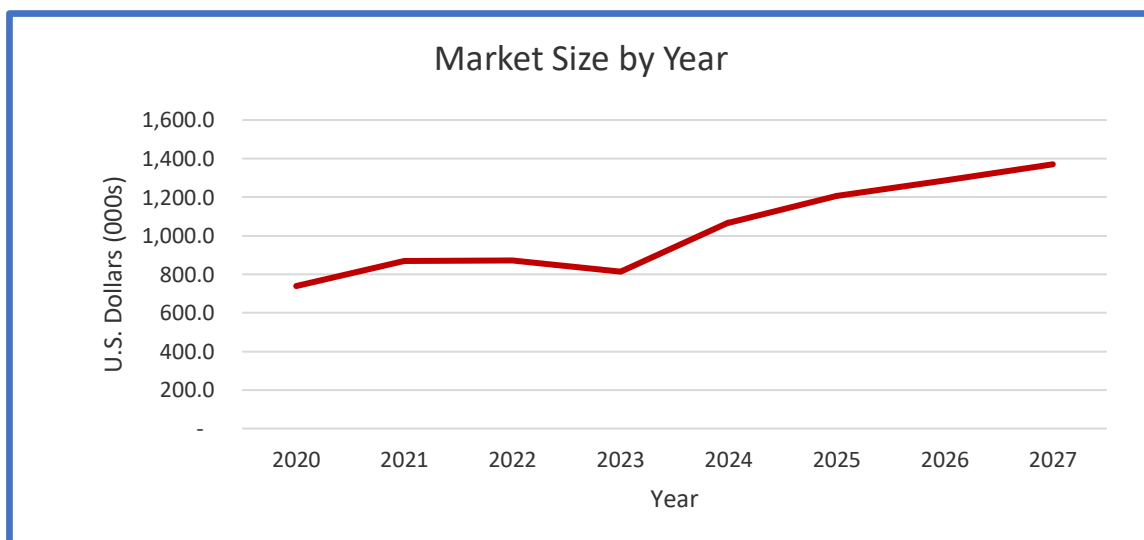
Product/Service Type: Cell Freezing Media for Cell Therapy Market

The market for this equipment in South Africa is estimated to be \$1.3 million dollars in 2026 and is expected to change by 6.5 percent from 2026 to 2027. The market will be 21.7 million Rands in 2026 and is forecast to change by 6.6 percent from 2026 to 2027.

Year	Market Sales (000s)	
	US Dollars	Rands
2020	738.9	13,398.2
2021	867.9	16,790.0
2022	870.9	15,328.2
2023	814.7	14,664.4
2024	1,066.9	20,804.6
2025	1,206.3	20,386.9
2026	1,286.4	21,739.5
2027	1,370.5	23,160.9
2032	1,823.5	30,817.8
Y-to-Y Change	US Dollars	Rands
2020-2021	17.5%	25.3%
2021-2022	0.4%	-8.7%
2022-2023	-6.5%	-4.3%
2023-2024	31.0%	41.9%
2024-2025	13.1%	-2.0%
2025-2026	6.6%	6.6%
2026-2027	6.5%	6.5%
CAGR 2027-2032	6.6%	33.1%

Source: Barnes Reports

*2025-2026 Forecasts; 2027-2032 Projections



South Africa

Product/Service Type: Cell Freezing Media for Cell Therapy Market

Operating Costs Estimates

The annual payroll for this market in South Africa will be \$0.59 million dollars in 2026 and the lease and rental payments for the market will be \$0.06 million dollars. The operating expenses for this market is expected to reach \$0.97 million dollars in 2026.

2026 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	591.7
Operating Expenses (\$1,000)	967.3
Employer Costs for Fringe Benefits (\$1,000)	93.9
Contract Labor Costs including Temporary Help (\$1,000)	39.9
Cost of Insurance (\$1,000)	18.0
Taxes and License Fees (\$1,000)	9.0
Lease and Rental Payments (\$1,000)	64.3

Cost of Services Estimates

The cost of transportation for this market in South Africa will be \$0.01 million dollars in 2026 and the cost of printing services for the market will be \$0.01 million dollars. The cost of repair and maintenance for this market is expected to reach \$0.01 million dollars in 2026.

2026 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	12.9
Cost of Purchased Repair and Maintenance Services (\$1,000)	6.4
Cost of Purchased Printing Services (\$1,000)	9.0
Cost of Purchased Advertising and Promotional Services (\$1,000)	18.0
Cost of Purchased Legal Services (\$1,000)	10.3
Cost of Purchased Accounting and Auditing Services (\$1,000)	6.4

*2025-2027 Forecasts

Source: Barnes Reports

Spain

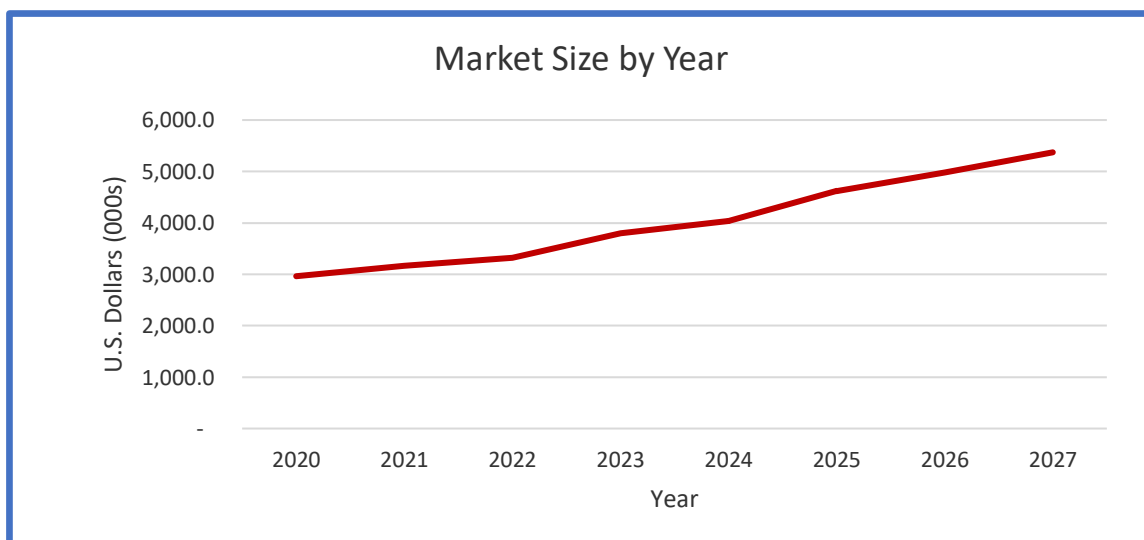
Product/Service Type: Cell Freezing Media for Cell Therapy Market

The market for this equipment in Spain is estimated to be \$5.0 million dollars in 2026 and is expected to change by 7.8 percent from 2026 to 2027. The market will be 4.2 million Euros in 2026 and is forecast to change by 7.9 percent from 2026 to 2027.

Year	Market Sales (000s)	
	US Dollars	Euros
2020	2,962.2	3,056.1
2021	3,163.1	2,993.0
2022	3,320.8	3,075.1
2023	3,798.9	3,419.0
2024	4,036.5	3,616.7
2025	4,621.8	3,928.5
2026	4,985.0	4,237.3
2027	5,371.9	4,566.1
2032	7,538.6	6,407.8
Y-to-Y Change	US Dollars	Euros
2020-2021	6.8%	-2.1%
2021-2022	5.0%	2.7%
2022-2023	14.4%	11.2%
2023-2024	6.3%	5.8%
2024-2025	14.5%	8.6%
2025-2026	7.9%	7.9%
2026-2027	7.8%	7.8%
CAGR 2027-2032	8.1%	40.3%

Source: Barnes Reports

*2025-2026 Forecasts; 2027-2032 Projections



Spain

Product/Service Type: Cell Freezing Media for Cell Therapy Market

Operating Costs Estimates

The annual payroll for this market in Spain will be \$2.29 million dollars in 2026 and the lease and rental payments for the market will be \$0.25 million dollars. The operating expenses for this market is expected to reach \$3.75 million dollars in 2026.

2026 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	2,293.1
Operating Expenses (\$1,000)	3,748.7
Employer Costs for Fringe Benefits (\$1,000)	363.9
Contract Labor Costs including Temporary Help (\$1,000)	154.5
Cost of Insurance (\$1,000)	69.8
Taxes and License Fees (\$1,000)	34.9
Lease and Rental Payments (\$1,000)	249.3

Cost of Services Estimates

The cost of transportation for this market in Spain will be \$0.05 million dollars in 2026 and the cost of printing services for the market will be \$0.03 million dollars. The cost of repair and maintenance for this market is expected to reach \$0.02 million dollars in 2026.

2026 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	49.9
Cost of Purchased Repair and Maintenance Services (\$1,000)	24.9
Cost of Purchased Printing Services (\$1,000)	34.9
Cost of Purchased Advertising and Promotional Services (\$1,000)	69.8
Cost of Purchased Legal Services (\$1,000)	39.9
Cost of Purchased Accounting and Auditing Services (\$1,000)	24.9

*2025-2027 Forecasts

Source: Barnes Reports

Sweden

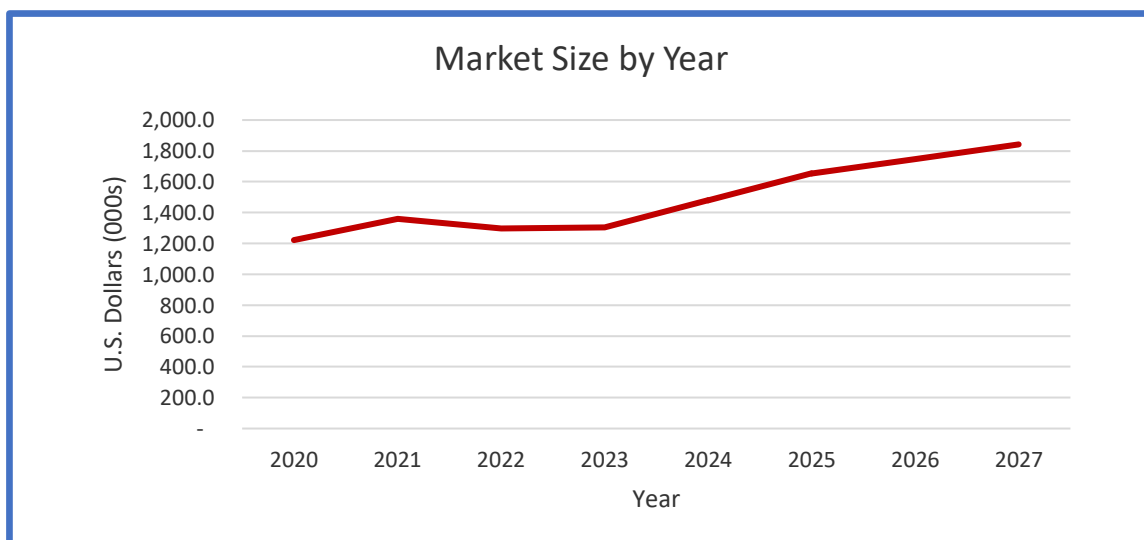
Product/Service Type: Cell Freezing Media for Cell Therapy Market

The market for this equipment in Sweden is estimated to be \$1.7 million dollars in 2026 and is expected to change by 5.5 percent from 2026 to 2027. The market will be 16.4 million Kronas in 2026 and is forecast to change by 5.6 percent from 2026 to 2027.

Year	Market Sales (000s)	
	US Dollars	Kronas
2020	1,221.7	13,825.9
2021	1,360.0	14,904.8
2022	1,295.5	13,602.7
2023	1,303.2	12,901.7
2024	1,479.2	14,599.5
2025	1,654.5	15,552.4
2026	1,746.5	16,417.4
2027	1,842.0	17,314.9
2032	2,334.2	21,941.7
Y-to-Y Change	US Dollars	Kronas
2020-2021	11.3%	7.8%
2021-2022	-4.7%	-8.7%
2022-2023	0.6%	-5.2%
2023-2024	13.5%	13.2%
2024-2025	11.9%	6.5%
2025-2026	5.6%	5.6%
2026-2027	5.5%	5.5%
CAGR 2027-2032	5.3%	26.7%

Source: Barnes Reports

*2025-2026 Forecasts; 2027-2032 Projections



Sweden

Product/Service Type: Cell Freezing Media for Cell Therapy Market

Operating Costs Estimates

The annual payroll for this market in Sweden will be \$0.80 million dollars in 2026 and the lease and rental payments for the market will be \$0.09 million dollars. The operating expenses for this market is expected to reach \$1.31 million dollars in 2026.

2026 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	803.4
Operating Expenses (\$1,000)	1,313.4
Employer Costs for Fringe Benefits (\$1,000)	127.5
Contract Labor Costs including Temporary Help (\$1,000)	54.1
Cost of Insurance (\$1,000)	24.5
Taxes and License Fees (\$1,000)	12.2
Lease and Rental Payments (\$1,000)	87.3

Cost of Services Estimates

The cost of transportation for this market in Sweden will be \$0.02 million dollars in 2026 and the cost of printing services for the market will be \$0.01 million dollars. The cost of repair and maintenance for this market is expected to reach \$0.01 million dollars in 2026.

2026 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	17.5
Cost of Purchased Repair and Maintenance Services (\$1,000)	8.7
Cost of Purchased Printing Services (\$1,000)	12.2
Cost of Purchased Advertising and Promotional Services (\$1,000)	24.5
Cost of Purchased Legal Services (\$1,000)	14.0
Cost of Purchased Accounting and Auditing Services (\$1,000)	8.7

*2025-2027 Forecasts

Source: Barnes Reports

Switzerland

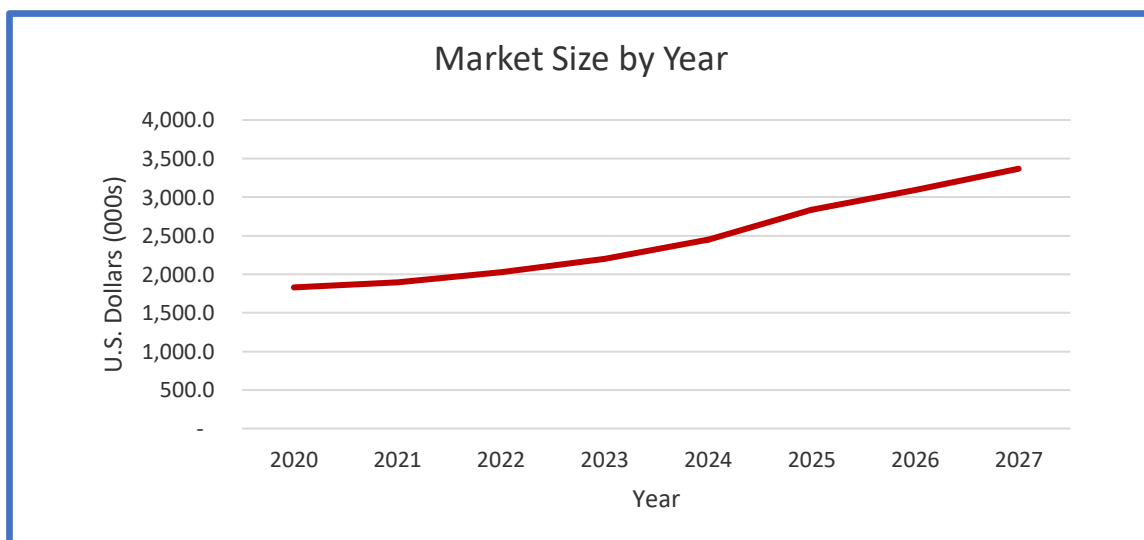
Product/Service Type: Cell Freezing Media for Cell Therapy Market

The market for this equipment in Switzerland is estimated to be \$3.1 million dollars in 2026 and is expected to change by 8.9 percent from 2026 to 2027. The market will be 2.5 million Francs in 2026 and is forecast to change by 9 percent from 2026 to 2027.

Year	Market Sales (000s)	
	US Dollars	Francs
2020	1,830.2	1,830.0
2021	1,892.6	1,722.1
2022	2,026.8	1,743.0
2023	2,203.3	1,872.8
2024	2,447.7	2,031.6
2025	2,836.8	2,269.4
2026	3,092.7	2,474.2
2027	3,368.7	2,695.0
2032	4,942.5	3,954.0
Y-to-Y Change	US Dollars	Francs
2020-2021	3.4%	-5.9%
2021-2022	7.1%	1.2%
2022-2023	8.7%	7.4%
2023-2024	11.1%	8.5%
2024-2025	15.9%	11.7%
2025-2026	9.0%	9.0%
2026-2027	8.9%	8.9%
CAGR 2027-2032	9.3%	46.7%

Source: Barnes Reports

*2025-2026 Forecasts; 2027-2032 Projections



Switzerland

Product/Service Type: Cell Freezing Media for Cell Therapy Market

Operating Costs Estimates

The annual payroll for this market in Switzerland will be \$1.42 million dollars in 2026 and the lease and rental payments for the market will be \$0.15 million dollars. The operating expenses for this market is expected to reach \$2.33 million dollars in 2026.

2026 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	1,422.6
Operating Expenses (\$1,000)	2,325.7
Employer Costs for Fringe Benefits (\$1,000)	225.8
Contract Labor Costs including Temporary Help (\$1,000)	95.9
Cost of Insurance (\$1,000)	43.3
Taxes and License Fees (\$1,000)	21.6
Lease and Rental Payments (\$1,000)	154.6

Cost of Services Estimates

The cost of transportation for this market in Switzerland will be \$0.03 million dollars in 2026 and the cost of printing services for the market will be \$0.02 million dollars. The cost of repair and maintenance for this market is expected to reach \$0.02 million dollars in 2026.

2026 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	30.9
Cost of Purchased Repair and Maintenance Services (\$1,000)	15.5
Cost of Purchased Printing Services (\$1,000)	21.6
Cost of Purchased Advertising and Promotional Services (\$1,000)	43.3
Cost of Purchased Legal Services (\$1,000)	24.7
Cost of Purchased Accounting and Auditing Services (\$1,000)	15.5

*2025-2027 Forecasts

Source: Barnes Reports

Thailand

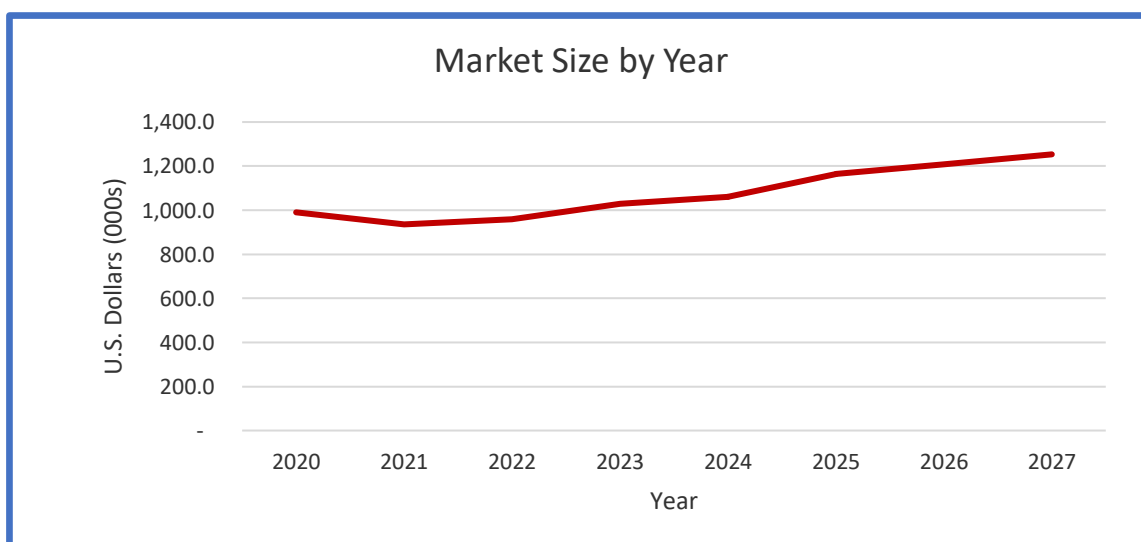
Product/Service Type: Cell Freezing Media for Cell Therapy Market

The market for this equipment in Thailand is estimated to be \$1.2 million dollars in 2026 and is expected to change by 3.7 percent from 2026 to 2027. The market will be 38.4 million Bahts in 2026 and is forecast to change by 3.8 percent from 2026 to 2027.

Year	Market Sales (000s)	
	US Dollars	Bahts
2020	989.7	31,487.6
2021	935.6	34,583.2
2022	959.6	32,337.9
2023	1,030.2	34,716.5
2024	1,060.6	35,849.2
2025	1,163.9	37,012.2
2026	1,208.3	38,425.2
2027	1,253.3	39,856.0
2032	1,488.7	47,339.6
Y-to-Y Change	US Dollars	Bahts
2020-2021	-5.5%	9.8%
2021-2022	2.6%	-6.5%
2022-2023	7.4%	7.4%
2023-2024	3.0%	3.3%
2024-2025	9.7%	3.2%
2025-2026	3.8%	3.8%
2026-2027	3.7%	3.7%
CAGR 2027-2032	3.8%	18.8%

Source: Barnes Reports

*2025-2026 Forecasts; 2027-2032 Projections



Thailand

Product/Service Type: Cell Freezing Media for Cell Therapy Market

Operating Costs Estimates

The annual payroll for this market in Thailand will be \$0.56 million dollars in 2026 and the lease and rental payments for the market will be \$0.06 million dollars. The operating expenses for this market is expected to reach \$0.91 million dollars in 2026.

2026 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	555.8
Operating Expenses (\$1,000)	908.7
Employer Costs for Fringe Benefits (\$1,000)	88.2
Contract Labor Costs including Temporary Help (\$1,000)	37.5
Cost of Insurance (\$1,000)	16.9
Taxes and License Fees (\$1,000)	8.5
Lease and Rental Payments (\$1,000)	60.4

Cost of Services Estimates

The cost of transportation for this market in Thailand will be \$0.01 million dollars in 2026 and the cost of printing services for the market will be \$0.01 million dollars. The cost of repair and maintenance for this market is expected to reach \$0.01 million dollars in 2026.

2026 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	12.1
Cost of Purchased Repair and Maintenance Services (\$1,000)	6.0
Cost of Purchased Printing Services (\$1,000)	8.5
Cost of Purchased Advertising and Promotional Services (\$1,000)	16.9
Cost of Purchased Legal Services (\$1,000)	9.7
Cost of Purchased Accounting and Auditing Services (\$1,000)	6.0

*2025-2027 Forecasts

Source: Barnes Reports

Turkey

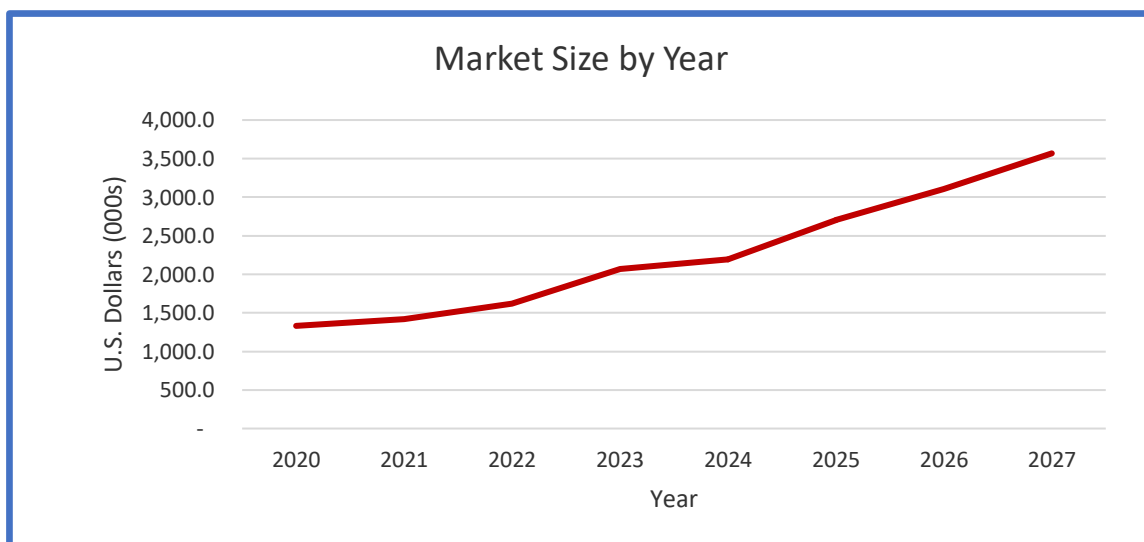
Product/Service Type: Cell Freezing Media for Cell Therapy Market

The market for this equipment in Turkey is estimated to be \$3.1 million dollars in 2026 and is expected to change by 14.9 percent from 2026 to 2027. The market will be 132 million Liras in 2026 and is forecast to change by 15 percent from 2026 to 2027.

Year	Market Sales (000s)	
	US Dollars	Liras
2020	1,331.1	24,742.2
2021	1,420.1	39,208.8
2022	1,619.0	55,368.8
2023	2,070.5	74,537.8
2024	2,193.3	83,127.1
2025	2,702.3	114,849.1
2026	3,106.5	132,024.2
2027	3,567.8	151,630.4
2032	6,330.2	269,032.7
Y-to-Y Change	US Dollars	Liras
2020-2021	6.7%	58.5%
2021-2022	14.0%	41.2%
2022-2023	27.9%	34.6%
2023-2024	5.9%	11.5%
2024-2025	23.2%	38.2%
2025-2026	15.0%	15.0%
2026-2027	14.9%	14.9%
CAGR 2027-2032	15.5%	77.4%

Source: Barnes Reports

*2025-2026 Forecasts; 2027-2032 Projections



Turkey

Product/Service Type: Cell Freezing Media for Cell Therapy Market

Operating Costs Estimates

The annual payroll for this market in Turkey will be \$1.43 million dollars in 2026 and the lease and rental payments for the market will be \$0.16 million dollars. The operating expenses for this market is expected to reach \$2.34 million dollars in 2026.

2026 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	1,429.0
Operating Expenses (\$1,000)	2,336.1
Employer Costs for Fringe Benefits (\$1,000)	226.8
Contract Labor Costs including Temporary Help (\$1,000)	96.3
Cost of Insurance (\$1,000)	43.5
Taxes and License Fees (\$1,000)	21.7
Lease and Rental Payments (\$1,000)	155.3

Cost of Services Estimates

The cost of transportation for this market in Turkey will be \$0.03 million dollars in 2026 and the cost of printing services for the market will be \$0.02 million dollars. The cost of repair and maintenance for this market is expected to reach \$0.02 million dollars in 2026.

2026 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	31.1
Cost of Purchased Repair and Maintenance Services (\$1,000)	15.5
Cost of Purchased Printing Services (\$1,000)	21.7
Cost of Purchased Advertising and Promotional Services (\$1,000)	43.5
Cost of Purchased Legal Services (\$1,000)	24.9
Cost of Purchased Accounting and Auditing Services (\$1,000)	15.5

*2025-2027 Forecasts

Source: Barnes Reports

United Arab Emirates

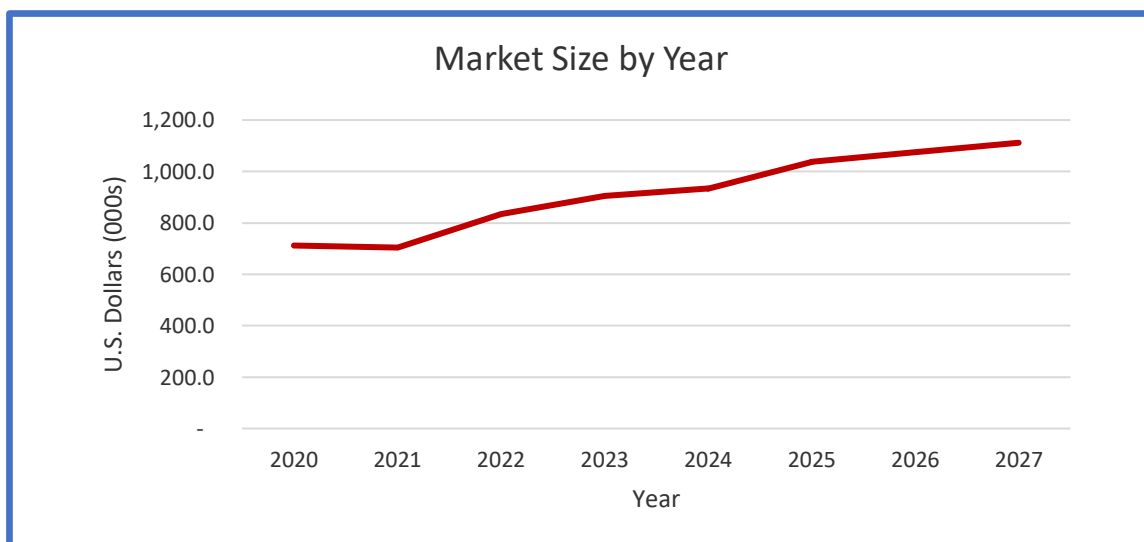
Product/Service Type: Cell Freezing Media for Cell Therapy Market

The market for this equipment in United Arab Emirates is estimated to be \$1.1 million dollars in 2026 and is expected to change by 3.3 percent from 2026 to 2027. The market will be 3.9 million Dirhams in 2026 and is forecast to change by 3.8 percent from 2026 to 2027.

Year	Market Sales (000s)	
	US Dollars	Dirhams
2020	712.7	2,615.5
2021	703.9	2,585.0
2022	834.6	3,062.8
2023	905.4	3,322.7
2024	932.9	3,423.7
2025	1,036.8	3,805.0
2026	1,075.9	3,948.6
2027	1,111.6	4,079.6
2032	1,559.0	5,721.5
Y-to-Y Change	US Dollars	Dirhams
2020-2021	-1.2%	-1.2%
2021-2022	18.6%	18.5%
2022-2023	8.5%	8.5%
2023-2024	3.0%	3.0%
2024-2025	11.1%	11.1%
2025-2026	3.8%	3.8%
2026-2027	3.3%	3.3%
CAGR 2027-2032	8.0%	40.2%

Source: Barnes Reports

*2025-2026 Forecasts; 2027-2032 Projections



United Arab Emirates

Product/Service Type: Cell Freezing Media for Cell Therapy Market

Operating Costs Estimates

The annual payroll for this market in United Arab Emirates will be \$0.49 million dollars in 2026 and the lease and rental payments for the market will be \$0.05 million dollars. The operating expenses for this market is expected to reach \$0.81 million dollars in 2026.

2026 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	494.9
Operating Expenses (\$1,000)	809.1
Employer Costs for Fringe Benefits (\$1,000)	78.5
Contract Labor Costs including Temporary Help (\$1,000)	33.4
Cost of Insurance (\$1,000)	15.1
Taxes and License Fees (\$1,000)	7.5
Lease and Rental Payments (\$1,000)	53.8

Cost of Services Estimates

The cost of transportation for this market in United Arab Emirates will be \$0.01 million dollars in 2026 and the cost of printing services for the market will be \$0.01 million dollars. The cost of repair and maintenance for this market is expected to reach \$0.01 million dollars in 2026.

2026 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	10.8
Cost of Purchased Repair and Maintenance Services (\$1,000)	5.4
Cost of Purchased Printing Services (\$1,000)	7.5
Cost of Purchased Advertising and Promotional Services (\$1,000)	15.1
Cost of Purchased Legal Services (\$1,000)	8.6
Cost of Purchased Accounting and Auditing Services (\$1,000)	5.4

*2025-2027 Forecasts

Source: Barnes Reports

United Kingdom

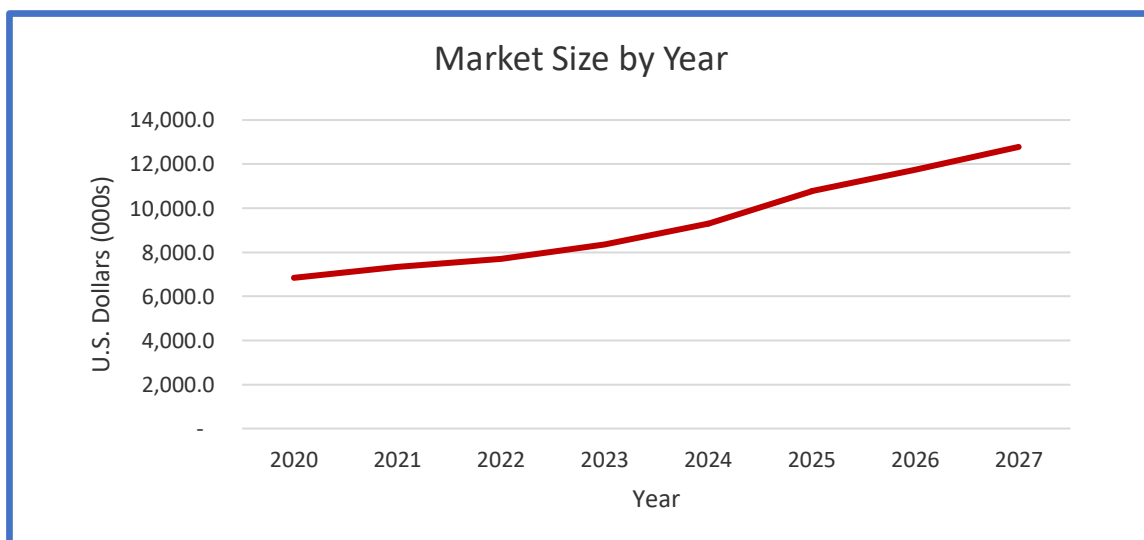
Product/Service Type: Cell Freezing Media for Cell Therapy Market

The market for this equipment in United Kingdom is estimated to be \$11.7 million dollars in 2026 and is expected to change by 8.9 percent from 2026 to 2027. The market will be 8.8 million Pounds in 2026 and is forecast to change by 9 percent from 2026 to 2027.

Year	Market Sales (000s)	
	US Dollars	Pounds
2020	6,839.2	6,191.7
2021	7,348.2	6,003.4
2022	7,690.0	5,921.3
2023	8,343.7	6,424.7
2024	9,292.6	7,155.3
2025	10,765.3	8,074.0
2026	11,734.5	8,800.9
2027	12,779.5	9,584.6
2032	18,545.7	13,909.3
Y-to-Y Change	US Dollars	Pounds
2020-2021	7.4%	-3.0%
2021-2022	4.7%	-1.4%
2022-2023	8.5%	8.5%
2023-2024	11.4%	11.4%
2024-2025	15.8%	12.8%
2025-2026	9.0%	9.0%
2026-2027	8.9%	8.9%
CAGR 2027-2032	9.0%	45.1%

Source: Barnes Reports

*2025-2026 Forecasts; 2027-2032 Projections



United Kingdom

Product/Service Type: Cell Freezing Media for Cell Therapy Market

Operating Costs Estimates

The annual payroll for this market in United Kingdom will be \$5.40 million dollars in 2026 and the lease and rental payments for the market will be \$0.59 million dollars. The operating expenses for this market is expected to reach \$8.82 million dollars in 2026.

2026 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	5,397.9
Operating Expenses (\$1,000)	8,824.4
Employer Costs for Fringe Benefits (\$1,000)	856.6
Contract Labor Costs including Temporary Help (\$1,000)	363.8
Cost of Insurance (\$1,000)	164.3
Taxes and License Fees (\$1,000)	82.1
Lease and Rental Payments (\$1,000)	586.7

Cost of Services Estimates

The cost of transportation for this market in United Kingdom will be \$0.12 million dollars in 2026 and the cost of printing services for the market will be \$0.08 million dollars. The cost of repair and maintenance for this market is expected to reach \$0.06 million dollars in 2026.

2026 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	117.3
Cost of Purchased Repair and Maintenance Services (\$1,000)	58.7
Cost of Purchased Printing Services (\$1,000)	82.1
Cost of Purchased Advertising and Promotional Services (\$1,000)	164.3
Cost of Purchased Legal Services (\$1,000)	93.9
Cost of Purchased Accounting and Auditing Services (\$1,000)	58.7

*2025-2027 Forecasts

Source: Barnes Reports

United States

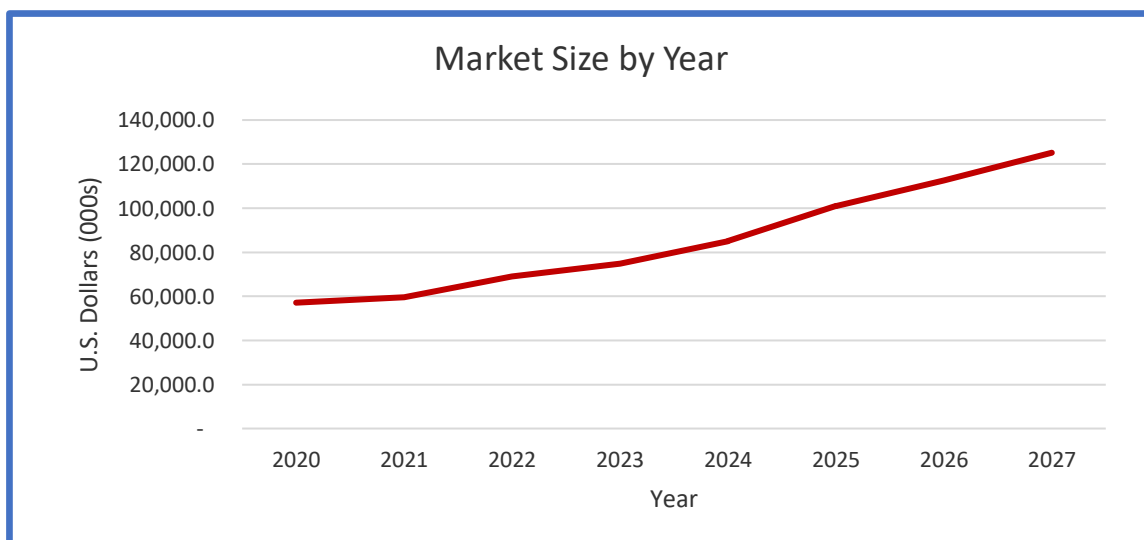
Product/Service Type: Cell Freezing Media for Cell Therapy Market

The market for this equipment in United States is estimated to be \$112.5 million dollars in 2026 and is expected to change by 11.3 percent from 2026 to 2027. The market will be 112.5 million Dollars in 2026 and is forecast to change by 11.4 percent from 2026 to 2027.

Market Sales (000s)		
Year	US Dollars	Dollars
2020	57,116.7	57,116.7
2021	59,462.6	59,462.6
2022	68,913.4	68,913.4
2023	74,867.0	74,867.0
2024	85,108.3	85,108.3
2025	101,022.6	101,022.6
2026	112,499.5	112,499.5
2027	125,166.7	125,166.7
2032	202,870.6	202,870.6
Y-to-Y Change	US Dollars	Dollars
2020-2021	4.1%	4.1%
2021-2022	15.9%	15.9%
2022-2023	8.6%	8.6%
2023-2024	13.7%	13.7%
2024-2025	18.7%	18.7%
2025-2026	11.4%	11.4%
2026-2027	11.3%	11.3%
CAGR 2027-2032	12.4%	62.1%

Source: Barnes Reports

*2025-2026 Forecasts; 2027-2032 Projections



United States

Product/Service Type: Cell Freezing Media for Cell Therapy Market

Operating Costs Estimates

The annual payroll for this market in United States will be \$51.75 million dollars in 2026 and the lease and rental payments for the market will be \$5.62 million dollars. The operating expenses for this market is expected to reach \$84.60 million dollars in 2026.

2026 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	51,749.8
Operating Expenses (\$1,000)	84,599.6
Employer Costs for Fringe Benefits (\$1,000)	8,212.5
Contract Labor Costs including Temporary Help (\$1,000)	3,487.5
Cost of Insurance (\$1,000)	1,575.0
Taxes and License Fees (\$1,000)	787.5
Lease and Rental Payments (\$1,000)	5,625.0

Cost of Services Estimates

The cost of transportation for this market in United States will be \$1.12 million dollars in 2026 and the cost of printing services for the market will be \$0.79 million dollars. The cost of repair and maintenance for this market is expected to reach \$0.56 million dollars in 2026.

2026 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	1,125.0
Cost of Purchased Repair and Maintenance Services (\$1,000)	562.5
Cost of Purchased Printing Services (\$1,000)	787.5
Cost of Purchased Advertising and Promotional Services (\$1,000)	1,575.0
Cost of Purchased Legal Services (\$1,000)	900.0
Cost of Purchased Accounting and Auditing Services (\$1,000)	562.5

*2025-2027 Forecasts

Source: Barnes Reports

Venezuela

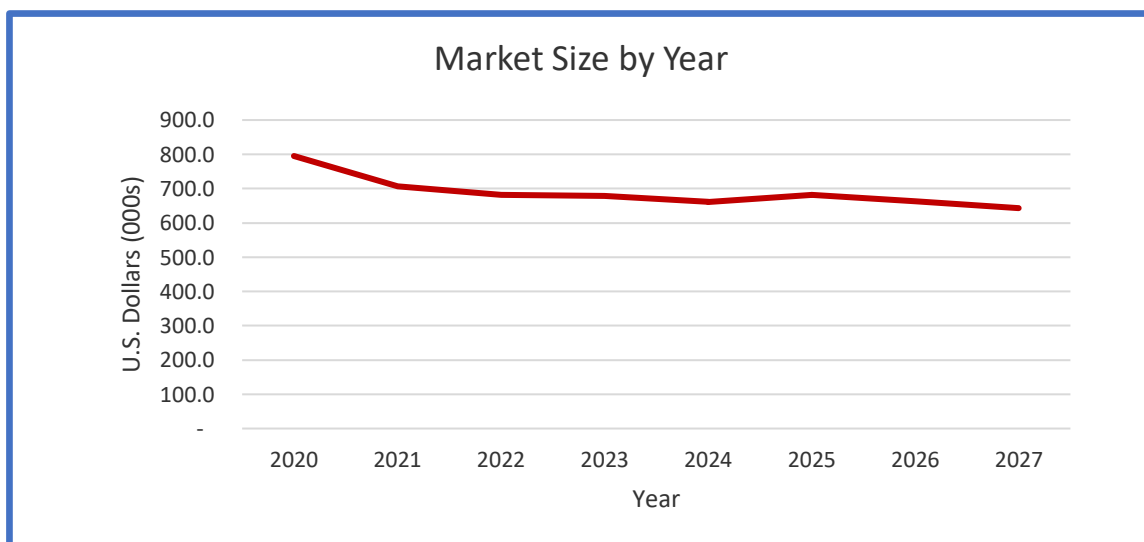
Product/Service Type: Cell Freezing Media for Cell Therapy Market

The market for this equipment in Venezuela is estimated to be \$0.7 million dollars in 2026 and is expected to change by -3.1 percent from 2026 to 2027. The market will be 170.5 million Bolivars in 2026 and is forecast to change by -2.7 percent from 2026 to 2027.

Year	Market Sales (000s)	
	US Dollars	Bolivars
2020	795.1	204,329.4
2021	707.4	181,792.8
2022	682.0	175,270.4
2023	678.4	174,337.6
2024	660.9	169,846.9
2025	681.5	175,148.8
2026	663.4	170,499.1
2027	643.0	165,248.6
2032	697.0	179,129.0
Y-to-Y Change	US Dollars	Bolivars
2020-2021	-11.0%	-11.0%
2021-2022	-3.6%	-3.6%
2022-2023	-0.5%	-0.5%
2023-2024	-2.6%	-2.6%
2024-2025	3.1%	3.1%
2025-2026	-2.7%	-2.7%
2026-2027	-3.1%	-3.1%
CAGR 2027-2032	1.7%	8.4%

Source: Barnes Reports

*2025-2026 Forecasts; 2027-2032 Projections



Venezuela

Product/Service Type: Cell Freezing Media for Cell Therapy Market

Operating Costs Estimates

The annual payroll for this market in Venezuela will be \$0.31 million dollars in 2026 and the lease and rental payments for the market will be \$0.03 million dollars. The operating expenses for this market is expected to reach \$0.50 million dollars in 2026.

2026 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	305.2
Operating Expenses (\$1,000)	498.9
Employer Costs for Fringe Benefits (\$1,000)	48.4
Contract Labor Costs including Temporary Help (\$1,000)	20.6
Cost of Insurance (\$1,000)	9.3
Taxes and License Fees (\$1,000)	4.6
Lease and Rental Payments (\$1,000)	33.2

Cost of Services Estimates

The cost of transportation for this market in Venezuela will be \$0.01 million dollars in 2026 and the cost of printing services for the market will be \$0.00 million dollars. The cost of repair and maintenance for this market is expected to reach \$0.00 million dollars in 2026.

2026 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	6.6
Cost of Purchased Repair and Maintenance Services (\$1,000)	3.3
Cost of Purchased Printing Services (\$1,000)	4.6
Cost of Purchased Advertising and Promotional Services (\$1,000)	9.3
Cost of Purchased Legal Services (\$1,000)	5.3
Cost of Purchased Accounting and Auditing Services (\$1,000)	3.3

*2025-2027 Forecasts

Source: Barnes Reports

Vietnam

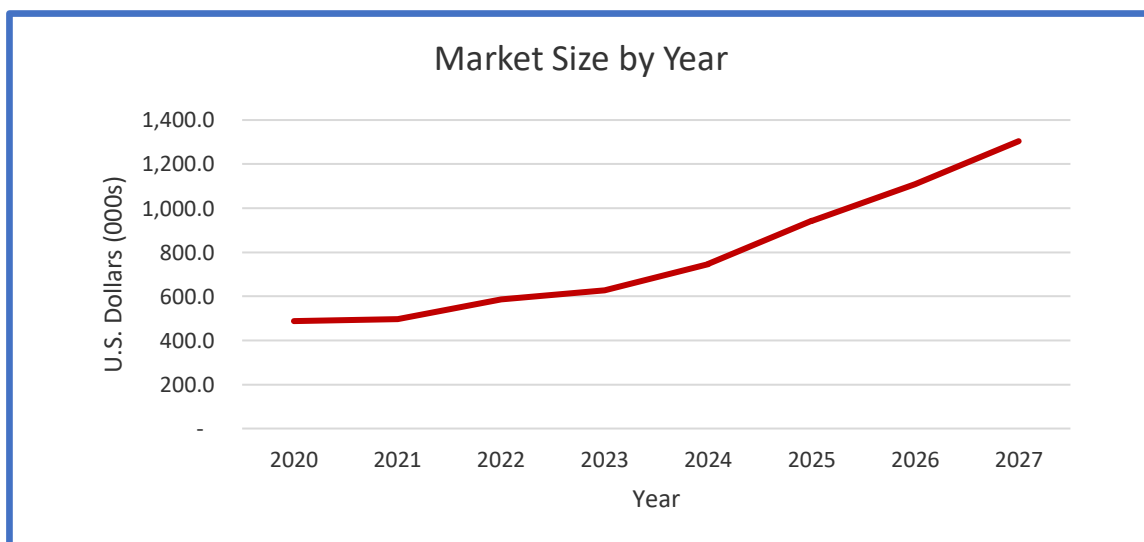
Product/Service Type: Cell Freezing Media for Cell Therapy Market

The market for this equipment in Vietnam is estimated to be \$1.1 million dollars in 2026 and is expected to change by 17.6 percent from 2026 to 2027. The market will be 29062.3 million Dongs in 2026 and is forecast to change by 17.7 percent from 2026 to 2027.

Year	Market Sales (000s)	
	US Dollars	Dongs
2020	487.5	11,642,522.0
2021	495.9	12,082,050.6
2022	584.9	14,869,868.1
2023	626.9	15,937,440.5
2024	746.9	18,987,639.5
2025	942.7	24,699,497.0
2026	1,109.2	29,062,338.4
2027	1,304.0	34,164,849.6
2032	2,466.0	64,609,361.8
Y-to-Y Change	US Dollars	Dongs
2020-2021	1.7%	3.8%
2021-2022	18.0%	23.1%
2022-2023	7.2%	7.2%
2023-2024	19.1%	19.1%
2024-2025	26.2%	30.1%
2025-2026	17.7%	17.7%
2026-2027	17.6%	17.6%
CAGR 2027-2032	17.8%	89.1%

Source: Barnes Reports

*2025-2026 Forecasts; 2027-2032 Projections



Vietnam

Product/Service Type: Cell Freezing Media for Cell Therapy Market

Operating Costs Estimates

The annual payroll for this market in Vietnam will be \$0.51 million dollars in 2026 and the lease and rental payments for the market will be \$0.06 million dollars. The operating expenses for this market is expected to reach \$0.83 million dollars in 2026.

2026 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	510.3
Operating Expenses (\$1,000)	834.2
Employer Costs for Fringe Benefits (\$1,000)	81.0
Contract Labor Costs including Temporary Help (\$1,000)	34.4
Cost of Insurance (\$1,000)	15.5
Taxes and License Fees (\$1,000)	7.8
Lease and Rental Payments (\$1,000)	55.5

Cost of Services Estimates

The cost of transportation for this market in Vietnam will be \$0.01 million dollars in 2026 and the cost of printing services for the market will be \$0.01 million dollars. The cost of repair and maintenance for this market is expected to reach \$0.01 million dollars in 2026.

2026 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	11.1
Cost of Purchased Repair and Maintenance Services (\$1,000)	5.5
Cost of Purchased Printing Services (\$1,000)	7.8
Cost of Purchased Advertising and Promotional Services (\$1,000)	15.5
Cost of Purchased Legal Services (\$1,000)	8.9
Cost of Purchased Accounting and Auditing Services (\$1,000)	5.5

*2025-2027 Forecasts

Source: Barnes Reports

Appendix

Product/Service Type: Cell Freezing Media for Cell Therapy Market

Number of Establishments

General Definition

An establishment is a single physical location at which business is conducted and/or services are provided. It is not necessarily identical with a company or enterprise, which may consist of one establishment or more. Economic census figures represent a summary of reports for individual establishments rather than companies. For cases where a census report was received, separate information was obtained for each location where business was conducted. When administrative records of other Federal agencies were used instead of a census report, no information was available on the number of locations operated. Each economic census establishment was tabulated according to the physical location at which the business was conducted.

When two activities or more were carried on at a single location under a single ownership, all activities generally were grouped together as a single establishment. The entire establishment was classified on the basis of its major activity and all data for it were included in that classification. However, when distinct and separate economic activities (for which different industry classification codes were appropriate) were conducted at a single location under a single ownership, separate establishment reports for each of the different activities were obtained in the census.

Sector-Specific Information

Construction sector. Establishments are defined as a relatively permanent office or other place of business where the usual business activities related to construction are conducted. Establishments do not represent each project or construction site. Includes all establishments that were in business at any time during the year. It covers all full-year and part-year operations. Construction establishments which were inactive or idle for the entire year were not included. Establishments are based on a survey which included all large employers and a sample of the smaller ones.

Information; Professional, Scientific, and Technical Services; Administrative and Support and Waste Management and Remediation Services; Educational Services; Health Care and Social Assistance; Arts, Entertainment, and Recreation; and Other Services (Except Public Administration) sectors. An establishment is included in the census if it is an employer, the establishment has \$1,000 in payroll, and was in operation at any time during 1997. Leased service departments (separately owned businesses operated as departments or concessions of other service establishments or of retail businesses, such as a separately owned shoeshine parlor in a barber shop, or a beauty shop in a department store) are treated as separate service establishments for census purposes. Leased retail departments located in service establishments (e.g., a gift shop located in a hotel) are considered separate retail establishments.

Manufacturing sector. Includes all manufacturing establishments (plants) with one employee or more and establishments in operation at any time during the year.

Mining sector. Includes all mineral establishments with one employee or more and establishments in operation at any time during the year. Establishments in the crude petroleum and natural gas and support activities for mining represent statewide operations rather than those at a single physical location.

Real Estate and Rental and Leasing sector. Data for individual properties leased or managed by property lessors or property managers are not normally considered separate establishments, but rather the permanent offices from which the properties are leased or managed are considered establishments. Data for separate automotive rental offices or concessions (e.g., airport locations) in the same metropolitan area for which a common fleet of cars is maintained are merged together and not considered as separate establishments.

Retail Trade sector. Leased departments are treated as separate establishments and are classified according to the kind of business they conduct. For example, a leased department selling shoes within a department store would be considered a separate retail establishment under the "shoe stores" classification.

Accommodation and Foodservices sector. Leased departments are treated as separate establishments and are classified according to the kind of business they conduct. For example, a leased department selling gifts/souvenirs within a hotel would be considered a separate retail establishment under the "gift, novelty, and souvenir stores" classification.

Appendix

Sales, Shipments, Receipts, Revenue, or Business Done

General Definition

Includes the total sales, shipments, receipts, revenue, or business done by establishments within the scope of the economic census. The definition of each of these items is included in the information provided below.

Sector-Specific Information

Construction sector - Includes the value of construction work and other business receipts for work done by establishments during the year. Included is new construction, additions and alterations or reconstruction, and maintenance and repair construction work. Also included is the value of any construction work done by the reporting establishments for themselves.

Speculative builders were instructed to include the value of buildings and other structures built or being built for sale in the current year but not sold. They were to include the costs of such construction plus normal profit. Also included is the cost of construction work done on buildings for rent or lease.

Establishments engaged in the sale and installation of such construction components as plumbing, heating, and central air-conditioning supplies and equipment; lumber and building materials; paint, glass, and wallpaper; electrical and wiring supplies; and elevators or escalators were instructed to include both the value for the installation and the receipts covering the price of the items installed.

Excluded was the cost of industrial and other specialized machinery and equipment, which are not an integral part of a structure.

Finance and Insurance sector - Includes revenue from all business activities whether or not payment was received in the census year, including commissions and fees from all sources, rents, net investment income, interest, dividends, royalties, and net insurance premiums earned. Revenue from leasing property marketed under operating leases is included, as well as interest earned from property marketed in the census year under capital, finance, or full payout leases. Revenue also includes the total value of service contracts and amounts received for work subcontracted to others.

Revenue does not include sales and other taxes collected from customers and remitted directly by the firm to a local, state, or Federal tax agency.

Information sector - Includes receipts from customers or clients for services rendered, from the use of facilities, and from merchandise sold, whether or not payment was received. Receipts include royalties, license fees, and other payments from the marketing of intangible products (e.g., licensing the use of or granting reproduction rights for software, musical compositions, and other intellectual property). Receipts also include the rental and leasing of vehicles, equipment, instruments, tools, etc.; total value of service contracts; market value of compensation received in lieu of cash; amounts received for work subcontracted to others; dues and assessments for members and affiliates; this establishment's share of receipts from departments, concessions, and vending and amusement machines operated by others. Receipts from services provided to foreign customers from U.S. locations, including services preformed for foreign parent firms, subsidiaries, and branches are included. For public broadcast stations and libraries, include receipts from contributions, gifts, grants, and income from interest, rental of real estate, and dividends.

Management of Companies and Enterprises sector - For holding companies, revenue includes revenue of only the holding company establishment, including net investment income, interest, and dividends.

Manufacturing sector - Covers the received or receivable net selling values, f.o.b. plant (exclusive of freight and taxes), of all products shipped, both primary and secondary, as well as all miscellaneous receipts, such as receipts for contract work performed for others, installation and repair, sales of scrap, and sales of products bought and resold without further processing. Included are all items made by or for the establishments from materials owned by it, whether sold, transferred to other plants of the same company, or shipped on consignment. The net selling value of products made in one plant on a contract basis from materials owned by another was reported by the plant providing the materials.

In the case of multiunit companies, the manufacturer was requested to report the value of products transferred to other establishments of the same company at full economic or commercial value, including not only the direct cost of production but also a reasonable proportion of "all other costs" (including company overhead) and profit.

Professional, Scientific, and Technical Services; Administrative and Support and Waste Management and Remediation Services; Educational Services; Health Care and Social Assistance; Arts, Entertainment, and Recreation; and Other Services (Except Public Administration) sectors - TAXABLE ESTABLISHMENTS:

Includes receipts from customers or clients for services rendered, from the use of facilities, and from merchandise sold whether or not payment was received. For advertising agencies, travel industries, and other service establishments operating on a commission basis, receipts include commissions, fees, and

Appendix

other operating income, NOT gross billings and sales. Excise taxes on gasoline, liquor, tobacco, etc., which are paid by the manufacturer or wholesaler and passed on in the cost of goods purchased by the service establishment are also included. The establishments share of receipts from departments, concessions, and vending and amusement machines operated by others are included as part of receipts. Receipts also include the total value of service contracts, market value of compensation received in lieu of cash, amounts received for work subcontracted to others, and dues and assessments from members and affiliates. Receipts from services provided to foreign customers from U.S. locations, including services preformed for foreign parent firms, subsidiaries, and branches are included.

Receipts are net after deductions for refunds and allowances for merchandise returned by customers. Receipts DO NOT include sales, occupancy, admissions, or other taxes collected from customers and remitted directly by the firm to a local, state, or Federal tax agency, nor do they include income from such sources as contributions, gifts, and grants; dividends, interest, and investments; or sale or rental of real estate. Also excluded are receipts (gross) of departments and concessions which are operated by others; sales of used equipment rented or leased to customers; domestic intracompany transfers; receipts of foreign subsidiaries; and other nonoperating income, such as royalties, franchise fees, etc. Receipts DO NOT include service receipts of manufacturers, wholesalers, retail establishments, or other businesses whose primary activity is other than service. They do, however, include receipts other than from services rendered (e.g., sale of merchandise to individuals or other businesses) by establishments primarily engaged in performing services and classified in the service industries.

TAX EXEMPT ESTABLISHMENTS: Includes revenue from customers or clients for services rendered and merchandise, whether or not payment was received, and gross sales of merchandise, minus returns and allowances. Also included are income from interest, dividends, gross rents (including display space rentals and share of receipts from departments operated by other companies), gross contributions, gifts, grants (whether or not restricted for use in operations), royalties, dues and assessments from members and affiliates, commissions earned from the sale of merchandise owned by others (including commissions from vending machine operators), and gross receipts from fundraising activities. Receipts from taxable business activities of firms exempt from Federal income tax (unrelated business income) are also included in revenue. Revenue DOES NOT include sales, admissions, or other taxes collected by the organization from customers or clients and paid directly to a local, state, or Federal tax agency; income from the sale of real estate, investments, or other assets (except inventory held for resale); gross receipts of departments, concessions, etc., that are operated by others; and amounts transferred to operating funds from capital or reserve funds.

Real Estate and Rental and Leasing sector - Includes revenue from all business activities whether or not payment was received in the census year, including commissions and fees from all sources, rents, net investment income, interest, dividends, and royalties. Revenue from leasing property marketed under operating leases is included. Revenue also includes the total value of service contracts, amounts received for work subcontracted to others, and rents from real property sublet to others.

Revenue does not include sales and other taxes collected from customers and remitted directly by the firm to a local, state, or Federal tax agency.

Retail Trade sector - Includes merchandise sold for cash or credit at retail and wholesale by establishments primarily engaged in retail trade; amounts received from customers for layaway purchases; receipts from rental of vehicles, equipment, instruments, tools, etc.; receipts for delivery, installation, maintenance, repair, alteration, storage, and other services; the total value of service contracts; and gasoline, liquor, tobacco, and other excise taxes which are paid by the manufacturer or wholesaler and passed on to the retailer.

Transportation and Warehousing sector - Includes revenue from all business activities whether or not payment was received in the census year, including commissions and fees for arranging the transportation of freight.

Revenue does not include sales and other taxes collected from customers and remitted directly by the firm to a local, state, or Federal tax agency.

Accommodation and Foodservices sector - Includes sales from customers for services rendered, from the use of facilities, and from merchandise sold. Also includes dues and assessments from members and affiliates. Sales do not include carrying or other credit charges; sales (or other) taxes collected from customers and forwarded to taxing authorities; gross sales and receipts of departments or concessions operated by other companies; and commissions or receipts from the sale of government lottery tickets.

Excludes sales from civic and social organizations, amusement and recreation parks, theaters, and other recreation or entertainment facilities providing food and beverage services.

Appendix

Number of Employees

General Definition

Paid employees consists of full-time and part-time employees, including salaried officers and executives of corporations. Included are employees on paid sick leave, paid holidays, and paid vacations; not included are proprietors and partners of unincorporated businesses. The definition of paid employees is the same as that used on IRS Form 941.

Sector-Specific Information

Construction and Manufacturing sectors. Comprises all full-time and part-time employees on the payrolls of establishments who worked or received pay for any part of the pay period including the 12th of March, May, August, and November, divided by 4.

Finance and Insurance sector. Includes all employees who were on the payroll during the pay period including March 12. Excludes independent (nonemployee) agents.

Information; Professional, Scientific, and Technical Services; Administrative and Support and Waste Management and Remediation Services; Educational Services; Health Care and Social Assistance; Arts, Entertainment, and Recreation; and Other Services (Except Public Administration) sectors - Includes all employees who were on the payroll during the pay period including March 12. Includes members of a professional service organization or association which operates under state professional corporation statutes and files a corporate Federal income tax return. Excludes employees of departments or concessions operated by other companies at the establishment.

Management of Companies and Enterprises sector. Includes all employees who were on the payroll during the pay period including March 12.

Mining sector. Also included are employees working for miners paid on a per ton, car, or yard basis.

Excluded are employees at the mine but on the payroll of another employer (such as employees of contractors) and employees at company stores, boardinghouses, bunkhouses, and recreational centers.

Also excluded are members of the Armed Forces and pensioners carried on the active rolls but not working during the period. Includes all employees who were on the payroll during the pay period including March 12.

Real Estate and Rental and Leasing sector. Includes all employees who were on the payroll during the pay period including March 12. Excludes independent (nonemployee) agents.

Retail Trade and Accommodation and Foodservices sectors. Includes all employees on the payroll during the pay period including March 12. Excludes employees of departments or concessions operated by other companies at the establishment.

Transportation and Warehousing sector. Includes all employees who were on the payroll during the pay period including March 12.

Utilities sector. Includes all employees who were on the payroll during the pay period including March 12.