

# The 2023 Report on Vaccine Contract Manufacturing: World Market Segmentation by City

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## Abstracts

This report was created for global strategic planners who cannot be content with traditional methods of segmenting world markets. With the advent of a 'borderless world', cities become a more important criteria in prioritizing markets, as opposed to regions, continents, or countries. This report covers the top 2,000 cities in over 200 countries. It does so by reporting the estimated market size (in terms of latent demand) for each major city of the world. It then ranks these cities and reports them in terms of their size as a percent of the country where they are located, their geographic region (e.g. Africa, Asia, Europe, Middle East, North America, Latin America), and the total world market.

In this report we define the sales of vaccine contract manufacturing as including all commonly understood services falling within this broad category, such as solutions for increasing demands for therapeutic vaccines and an ageing population, irrespective of product packaging, formulation, size, or form. Companies participating in this industry include AbbVie, AfriVax, Ajinomoto Althea, Albany MOLECULAR RESEARCH, Alkion Biopharma SaS, Allevi, AmProtein, AMRI, Anacor, Antigenics, Inc., Arabio, Argenta, Artelis, AstraZeneca, ATM Life Sciences, Avid Bioservices, Bacteriological Institute of the Anhaltian Administrative Areas, Batavia Bioservices, Baxter Biopharma, Beijing Tiantan Biological Products, Berna Biotech, Bharat Biotech International, Binnopharm, BioFocus, BioKangtai, BioNTech, Biovest, Bit Bio, Boehringer Ingelheim, Bristol-Myers Squibb, Cadila Pharmaceuticals, Calico, Catalent, Cellexus, Charles River Laboratories, Chemisch-Pharmazeutisches Laboratorium Ravensburg, Cobra Bio, Colorcon, Cook, Crucell, CSL Biotherapies, Cytovance Biologics, Daiichi Sankyo Company, DiNAQOR AG, Elanco, Eli Lilly, Evonik Degussa, FiberCell, Frost & Sullivan, FujiFilm Diosynth Biotechnologies U.S.A., Galderma, Gallant Custom Laboratories, Gardasil, GE Healthcare, GlaxoSmithKline, GSAL, HemaCare, HIKMA, Hospira, Hyclone, ICON, Idt

Biologika, Indapta Therapeutics, Intercell Corporation, Invitrogen, Irvine Scientific, Janssen Biotech, Inc. (Janssen), JSR life Sciences, KBI Biopharma, Klocke Group, Kuhner, LG Life Sciences, Lonza Group, MaSTherCell, Medicago, Meissner Filtration, Merck, Meridian Bioscience, MGC Pharma Company, Millipore, Mitsubishi Tanabe Pharma, MorphoSys, Mosquirix, MP Biomedicals, Mylan, Navrogen, Inc., Neurocrine Biosciences, Nipro Corporation, Novartis, Novavax, Organon Teknika, OsoBio, Pall Life Sciences, Paragon Bioservices, PATH, Pfizer, Pharmaceutical Base Development Company, Ltd., Pharmacyclics, Philip Morris International, Pierre-Guerin Biolafitte, PRA Health Sciences, Protein Sciences, Refine Technology, Roche, Samsung Bioepis, Sanofi, Sartorius Stedim Biotech, Scripps Research, Shanghai Zhangjiang Biotech, ShangPharma, Sigma Aldrich, Spirig Pharma, Synco Bio Partners, Thermo Fisher Scientific, Vetter Pharmaceutical, Vivalis, Voyager Therapeutics, Wave Biotech (GE Healthcare Life Sciences), Wynca, Xcellerex (GE Healthcare Life Sciences), ZellWerk, Zhejiang Jiang Yuan Tang Biotechnology Corporation, and Zumutor Biologics. In addition to the sources indicated, additional information available to the public via news and/or press releases published by players in the industry was considered in defining and calibrating this category. All figures are in a common currency (U.S. dollars, millions) and are not adjusted for inflation (i.e., they are current values). Exchange rates used to convert to U.S. dollars are averages for the year in question. Future exchange rates are assumed to be constant in the future at the current level (the average of the year of this publication's release in 2022).

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