

The 2023 Report on Biologicals: 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 biologicals as including all commonly understood products and/or services falling within this broad category, irrespective of product packaging, formulation, size, or form. Companies participating in this industry include 3SBio, AbbVie, Ablynx, ACCELERON PHARMA, Accord Healthcare, Ach?, Actavis, Adaptive Biotechnologies Corporation, Advanced BioHealing, Advantagene, Advaxis, Afferent Pharmaceuticals, Alder Biopharmaceuticals, Alector, Allergan, Alteogen, AMEGA Biotech, Amgen, AM?Pharma, Anacor Pharmaceuticals, AnGes, Anthera Pharmaceuticals, Apceth, Apeiron Biologics, Apotex, argenx, ARMO Biosciences, Inc., Aryogen, Aspen Global, Inc., Astellas Pharma, AstraZeneca, AurKa Pharma, Inc., Aventis, Avita Medical, Bamboo Therapeutics, Inc., Banner Alzheimer's Institute, Basilea Pharmaceutica, Baxalta, Bayer, Beijing Four Rings, Benda Pharmaceuticals, BIOCAD, BioCardia, Biocon, Bidel, Biogen, Bionovis, Biopartners, Biopharma, Biosidus, Biotest, Bioton, BioXpress Therapeutics, Boehringer Ingelheim, BrainStorm Cell Therapeutics, Bristol-Myers Squibb, Cambridge Antibody Technology, cCAM Biotherapeutics, CCL Pharmaceuticals, Celgene Corporation, Celltrion, CEL-SCI, Centocor Ortho Biotech, Children's Oncology Group, CHMP, Chugai, Cinnagen,

ClinImmune Labs, CSL Behring, CT Arzneimittel, CureVac, Cystic Fibrosis Foundation Therapeutics, Inc., CytomX Therapeutics, Daiichi Sankyo Company, Dako, Dendreon, Dezima Pharma B.V., DNATRIX, Dong-A Pharmaceutical, Dr. Reddy's Laboratories, Dynavax Technologies, Eisai Company, Eli Lilly and Company, Emcure Pharmaceuticals, EMS, Epirus, Europharm, Evotec, FDA, FibroGen, FierceBiotech, Finox Biotech, Flatiron Health, FOUNDATION Medicine, Fuji Pharma, Galencia, Gan & Lee, GE Healthcare, Gennova, GenSci, Genzyme, Gilead Sciences, GlaxoSmithKline (GSK), Hangzhou Jiuyuan Gene Engineering Company, Hanwha Chemical, Harpoon Therapeutics, Harrisvaccines, Inc., Heptares Therapeutics, Hexal, Hindustan Antibiotic, Histogenics, Hospira, Human Genome Sciences, Hypermarcas, IBM Watson Health, ICU Medical, Ignyta, Immatics Biotechnologies, Immune Design, Immunocore, Ltd., Incyte, Innovare R&D, Intas Pharmaceuticals, Iomet Pharma, Ipsen, Isis Pharmaceuticals, Janssen, JingYuan Bio, Johnson & Johnson, Kite Pharma, Kyowa Hakko Kirin, Laboratorios Delta, LG Life Sciences, LifeSouth Community Blood Centers, Lonza Group, Luye Pharma Group, M2Gen, MacroGenics, Massachusetts General Hospital, Medice, MedImmune, Medipost, Medivation, Medtronic, PLC, Merck & Company, Merz Pharma, Mirati Therapeutics, Mitsubishi Tanabe, Mochida Pharmaceutical, Moderna Therapeutics, Mylan, Nanostring Technologies, Ngm Biopharmaceuticals, Nippon Kayaku, Northwestern University, Novartis, Novo Nordisk, NuVasive, Oanda, Organogenes, OrLife Bio, Orthofix, Orygen, Peregrine Pharmaceuticals, Pfizer, Pharmacyclics, Pharmicell, Pharmstandard, Plexxikon, Porbiomed, Portola Pharmaceuticals, Premier, Principia, Probiomed, Protein Sciences, Proteon Therapeutics, Qilu Pharmaceutical, Ranbaxy, Ratiopharm, Redvax GmbH, Regeneron Pharmaceuticals, Regenerys, Reliance Life Sciences, Rentschler Biotechnologie., Rigontec, Roche, Samsung Bioepis, Sandoz, Sangamo Therapeutics, Sanofi, Schering-Plough, SciGen, Shandong Kexing Pharma, Shanghai CP Guojian Pharmaceutical, Shantha Biotechnics, Shenzhen SiBiono GeneTech, Shire, Sicor Biotech, Sigilon Therapeutics, Simcere Pharmaceutical Group, Smith and Nephew, Spark Therapeutics, STADA, Stemcentrx, Stragen Pharma, Stratatech, Swiss Re, Takeda Pharmaceutical Company, Tesaro, TetraLogic Pharmaceuticals, Teva, Tianjin Hualida Biotechnology, TiGenix, Tonghua Dongbao, Trophos, Turnstone Biologics, UCB, UniQure, Valeant Pharmaceuticals, Vertex Pharmaceuticals, Viralytics, Vital Therapies, Voyager Therapeutics, Wockhardt, Wyeth-Ayerst Laboratories, Xencor, Xiamen Amoytop Biotech, XO1, Ltd., Zenotech, ZS Pharma, Zuventus, and Zydus Biovation. 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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