

Annexe 1 – Leader globaux et par segments

Industry leaders come from a variety of health and non-health backgrounds

Top 5 medtech companies in major business areas (2016)

Key: companies are represented from left to right from the largest to the smallest by size of revenues

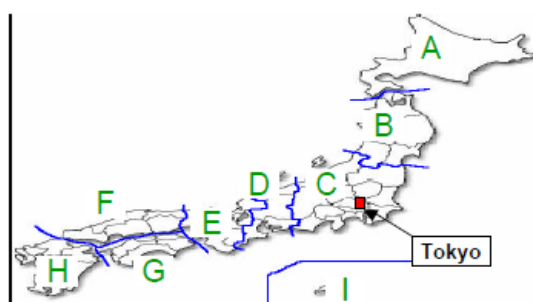
GLOBAL LEADERS	
IN VITRO DIAGNOSTICS LEADERS	
DIAGNOSTIC IMAGING LEADERS	
CARDIOLOGY LEADERS	
ORTHOPAEDICS LEADERS	
OPHTHALMICS LEADERS	

(Les entreprises japonaises sont entourées en rouge.)

List of Industrial Cluster Projects

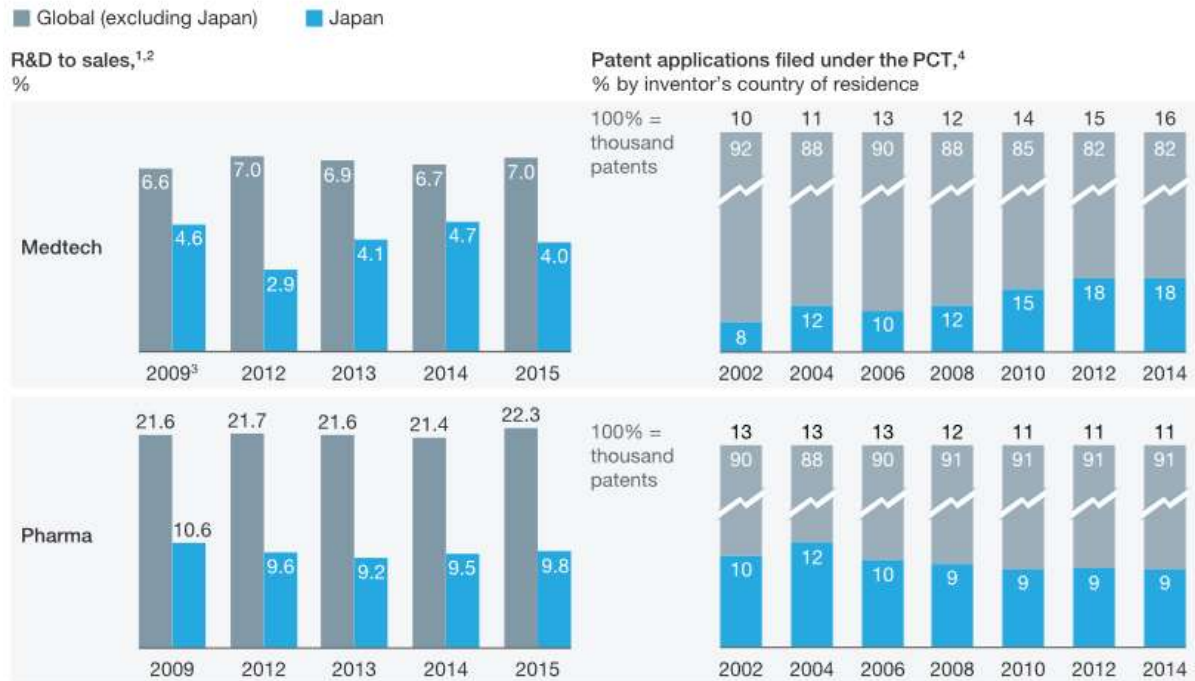
Area	Project Name	Targeted Industrial Fields
A	Hokkaido Super Cluster Promotion Project	Biotechnology/IT
B	An Industry Promotion Project for Information Technology, Life Science and Cutting-edge Manufacturing	IT/Health/Manufacturing
	An Industry Promotion Project for a Recycling-oriented Society	Environment/Energy
C	Regional Industry Revitalization Project	Manufacturing
	Fostering Bio-ventures	Biotechnology
	Fostering IT-ventures	IT
D	Project to Create Manufacturing Industry in the Tokai Region	Manufacturing
	Tokai Bio Factory Project	Biotechnology
	Project to Create Manufacturing Industry in the Hokuriku Region	Manufacturing
E	Bio Five-Star Company & Tissue Engineering Project	Bio-sciences
	Active Manufacturing Technology Cluster Promotion Project	Manufacturing
	Kansai Information Technology Cluster Promotion Project	IT

Area	Project Name	Targeted Industrial Fields
e	Kanai Energy & Environment Cluster Promotion Project	Energy
F	Project to Newly Generate the Machinery Industry in the Chugoku Region	Manufacturing
	Project to Form a Circulative Type of Industry	Environmental
G	Shikoku Techno Bridge Plan	Health and Welfare / Environment
H	Kyushu Recycle and Environmental Industry Plaza	Environment
	Kyushu Silicon Cluster Project	Semiconductor
I	Okinawa Industry Promotion Project	Information/health/environment/processing/trade



Annexe 3 – Evolution de l'innovation des med techs et du secteur pharmaceutique au Japon

Japanese medtech has innovated effectively in a global context.



¹For Japan (both medical devices and pharma), used Japan Ministry of Internal Affairs and Communications' "Research for science and technology," where only a single industry is assigned to a company by its major business. For medical devices, the category used here is "medical equipment manufacturers," a subcategory of "institutional use machine manufacturers"; this does not include medical-device companies under other categories, such as "electronic components manufacturing." Thus, coverage of the Japanese medical-device industry would be narrower than pharma, whose business is more focused.

²\$/¥ is average for each year.

³Data for medical devices is not available for 2010–11.

⁴Patent Cooperation Treaty. While the Organisation for Economic Co-operation and Development (OECD) patent database also has subset of data for patent applications to the European Patent Office (EPO), triadic patent families, and patent applications to the US Patent and Trademark Office (USPTO), updates for these are later than PCT, so used only PCT for this analysis.

Source: Evaluate; Japan Ministry of Internal Affairs and Communications, "Research for science and technology"; OECD patent database

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