

ISRAEL

Inspired by *innovation*

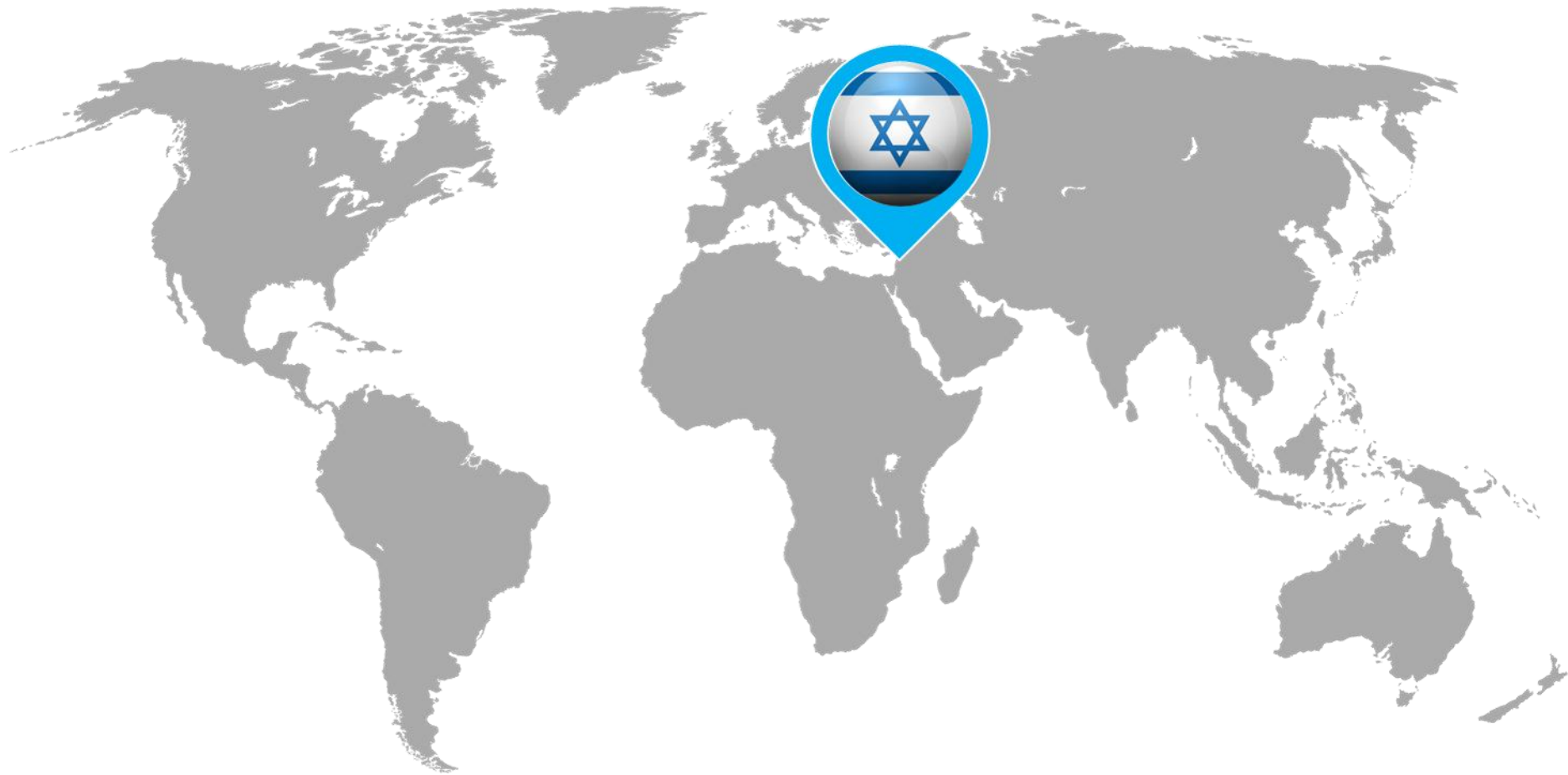


The Israel Export &
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Foreign Trade
Administration
MINISTRY OF ECONOMY

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- **HealthCare Costs are Soaring**, reaching upwards of 11% of the GDP in Europe and 16% of the GDP in the United States.
- **Populations are Aging** and their numbers are increasing. The oldest members of the baby boom generation (1946 – 1964) in North America, Europe, Asia and Australia have reached 65.
- **The Emerging Middle Classes** in China, India and other developing countries now demand better, higher quality medical care.



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134

North Am.

86

West. Eur.

15

Cent. & East
Europe

9

Middle East
& Africa

68

Asia Pacific

14

Lat. Am.

327 B\$ in 2013

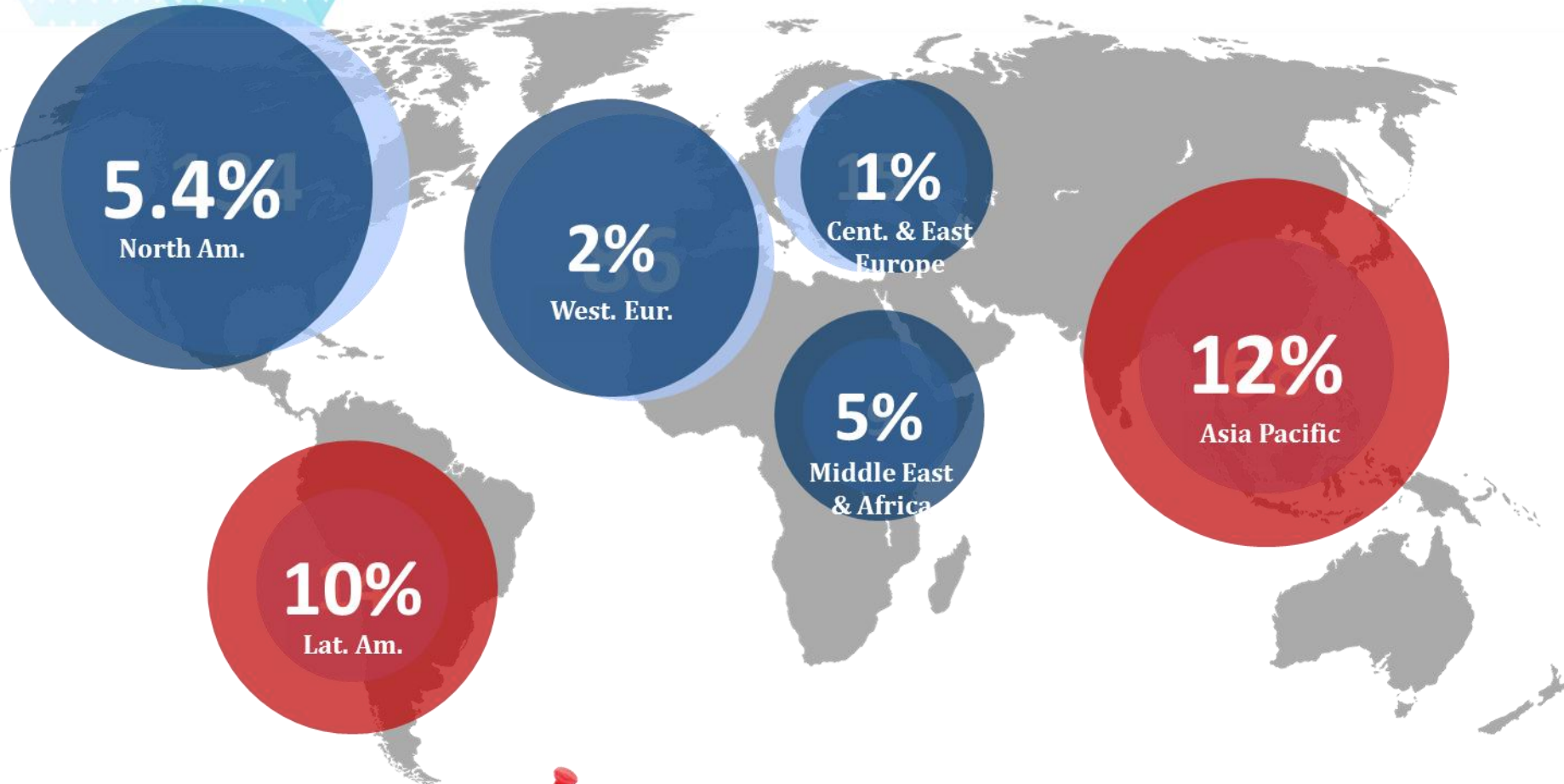


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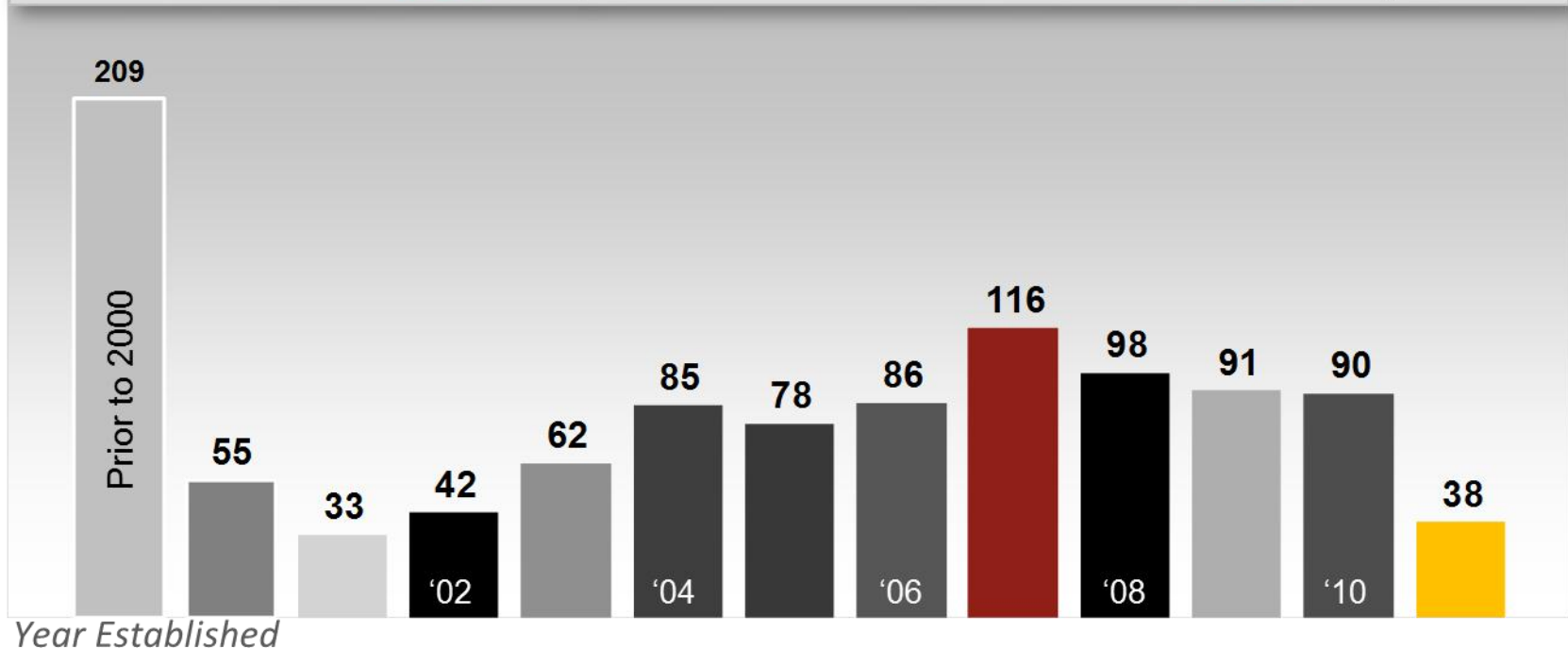
327 B\$ in 2013 is forecasted to reach 434 B\$ in 2017



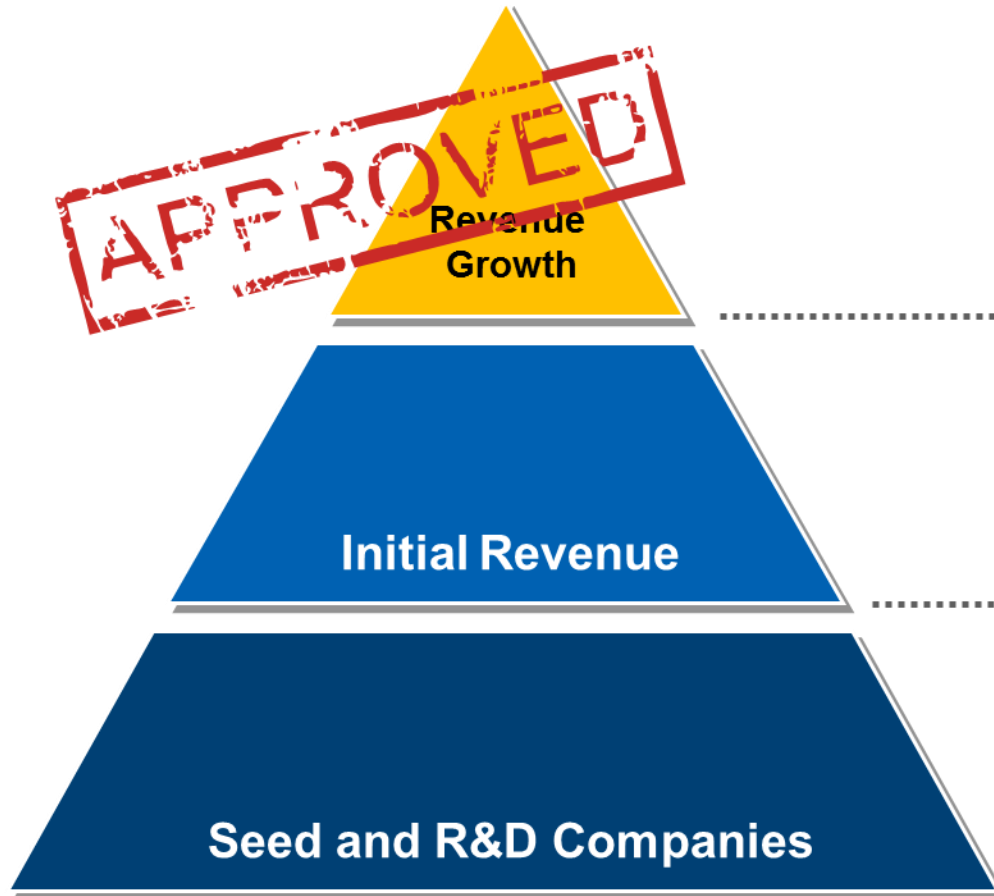
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Prior to 2000 – **200** companies.

2014 – almost **1200** companies.



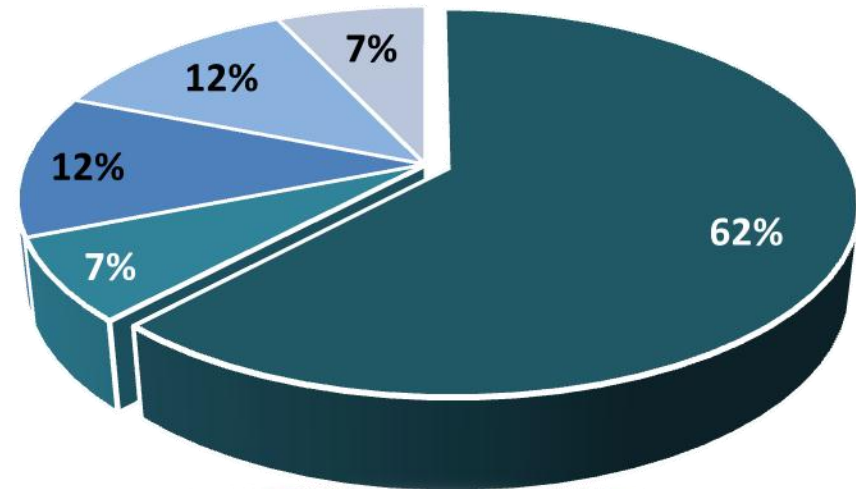
About **40%** of all LS companies established during the last **6** years.
70 – 80 new companies established each year.



- Numerous Israel's Medical Devices Innovations have been adopted worldwide.
- More than 30% of Companies have reached the Revenue Stage.
- Rich Pipeline (about 60%) of Seed and R&D Companies promises further growth.

LS Industry by Sectors:

- Medical Devices – 62 %
- HealthCare IT – 7 %
- Biotechnology – 12 %
- Pharmaceuticals – 12 %
- LS Services – 7 %



More than **80** LS Service companies: CROs, Engineering, Labs, Bankers and Lawyers; help successfully develop and commercialize innovative ideas.

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More than **20** Incubators throughout the country hosting up to **15** companies each.



Israel Technological Incubator Network [link](#)

Provide administration, legal and business development services for the first 2 years of company life when risk is the highest and private funding is scarce.

5 hospital-linked TTOs:



The Tel Aviv Sourasky
Medical Center



ITTN – Israel Technology Transfer Organization
Network [link](#)

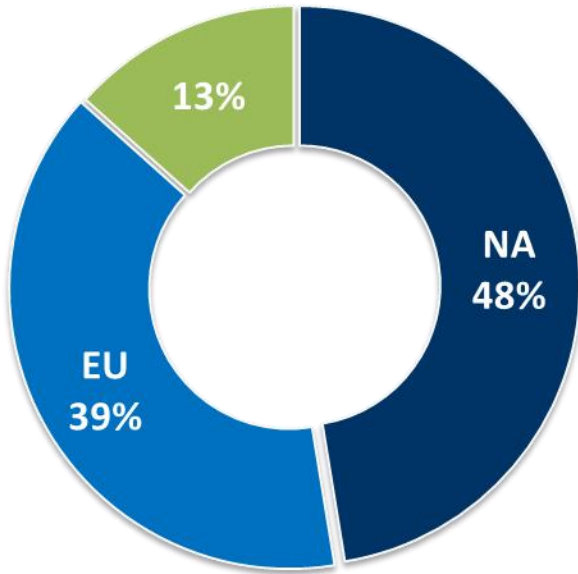
7 university-associated TTOs:



RAMOT
AT TEL AVIV UNIVERSITY LTD.

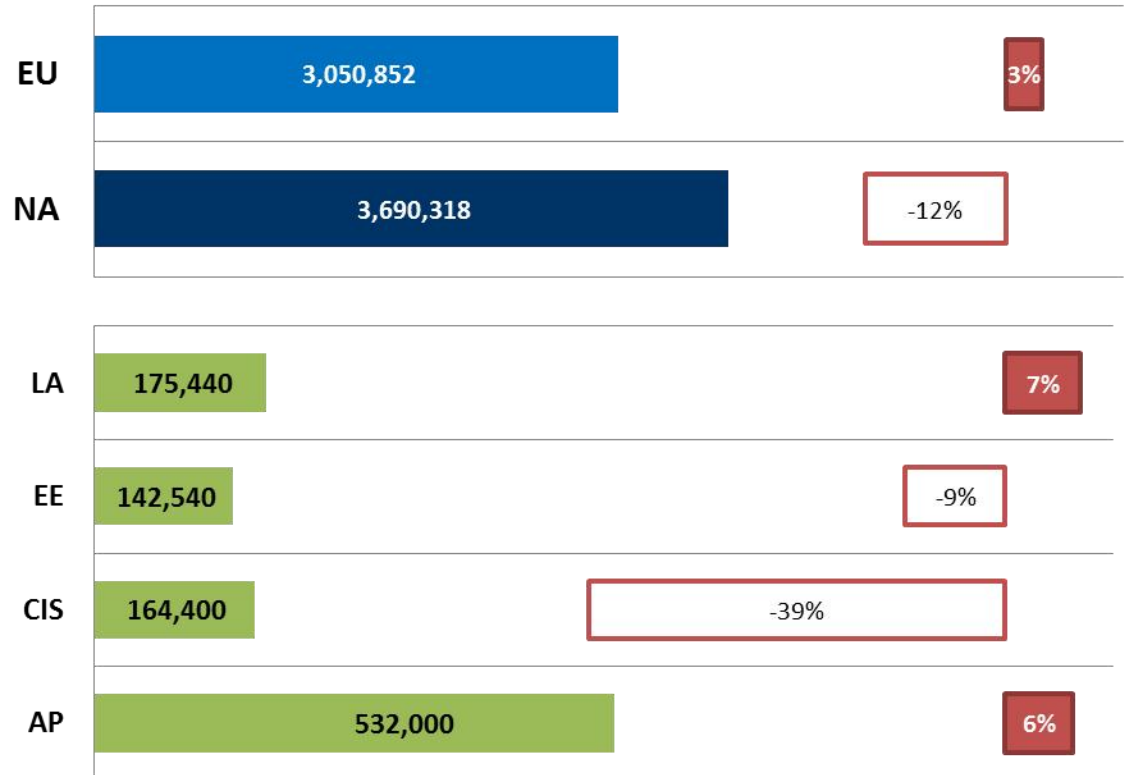


Total Export
8,000 \$M



2013 Export (US\$M)

% Growth since
2012



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In Medical Devices arena, Israeli scientists and engineers have integrated advanced technologies in Electronics, Communications and Electro-optics to develop world-class innovations in digital imaging, medical lasers, telemedicine, diagnostic and surgical equipment.

Electronics

Communications

Electro-Optics

- Digital Imaging
- Medical Lasers
- Electro-Medical Devices
- Telemedicine
- Surgical Equipment
- Diagnostic Kits
- Rehabilitation Equipment



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Hospital 2 Home



HealthCare IT



Drug Delivery



Rehabilitation



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Cardiology



Neurology



Oncology



Gastrointestinal



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Israel, is one of the Leaders in the use of IT for HealthCare!

- **100% EMR usage!** Every Israeli doctor routinely uses an EMR
- **Wide penetration of online patient tools** (PHR, Mobile APP's).
- **Computer Physician Order Entries (CPOE) and E-Prescribing** each estimated at 95%
- **First country to introduce and implement an HIE system** (Health Information Exchange), which covers about 70% of population
- **One of the first countries to use telemedicine and introduce electronic clinical Decision Support Systems (DSS) and online indicators for medical and service quality**



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Meeting Global Healthcare Challenges