



# ISRAEL 75

**75 Achievements in 75 years**



Israel celebrates its 75th birthday on the 26th of April 2023.

After 2,000 years of exile and persecution, the Jewish people have made up for lost time now that they finally have a state of their own again.

Israel has flourished in its first 75 years of statehood and achieved more than many far older countries.

Here are 75 of Israel's achievements we feel are worth highlighting.

## A Safe Haven for Jews

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**1** Israel has achieved its core mission of providing a state for the Jews where they can be free from persecution.

Israel, the only Jewish state, is open to all Jews. It serves as a lifeboat state for Jews from around the world.

**25%** of the population in the 1960s being Holocaust survivors.

Had such a safe haven existed in the 1930s, countless more Jews would have been saved from the Holocaust.

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**2** Israel survived an attack by 4 neighboring armies when it declared Independence in 1948.

Newly formed Israel built an army to defend itself with 50% of the soldiers were being Holocaust survivors.

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**3** Israel has achieved peace with both Egypt and Jordan after multiple wars.

In 1979 Israel withdrew from the Sinai Peninsula in return for normalising relations with Egypt and demilitarisation of the Sinai. This agreement ended any prospect of another general Arab-Israeli war and has been a cornerstone of regional stability for nearly 40 years

Israel and Jordan signed a peace agreement in 1994.



# THE JEWISH RENAISSANCE

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**4** Along with the birth of the modern state of Israel, came the rebirth of the modern Hebrew language.

Eliezer Ben Yehudah, founder of modern Hebrew, only spoke to his family in Hebrew.

His son was the first Jew in over 2,500 years to have Hebrew as his first and only language.

**9,000,000**

the number of Hebrew speakers worldwide

**5** Israel has more museums per capita than any other country. Israel's most famous museums include Yad Vashem, the Israel Museum, Tel Aviv Museum of Art, and MadaTech.



**6** Israel has produced 13 Nobel Prize winners:

Shmuel Yosef Agnon  
Menachem Begin  
Shimon Peres  
Yitzhack Rabin

Daniel Kahneman  
Aaron Ciechanover  
Avram Hershko  
Robert Aumann

Ada Yonath  
Dan Shechtman  
Michael Levitt  
Arieh Warshel  
Joshua Angrist

**7** Israel has produced global prize winning novelists.

David Grossman won the Man Booker International Prize 2017, for his book 'A Horse Walked into a Bar'.



Amos Oz has been published in 45 languages in 47 countries, and received the Legion of Honour of France, the Goethe Prize, the Prince of Asturias Award in Literature, and the Heinrich Heine Prize.

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## 8 Israeli TV shows have had phenomenal global success.

Hit show, Fauda, was voted the best international show of 2017 by the New York Times.

Hatufim (Prisoners of War) was re-adapted to create Homeland, which won the Golden Globe Award for Best Television Series Drama, in 2011 and 2012.

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## 9 Israel has the highest ratio of university degrees to its population in the world.

## 10 Tel Aviv's White City is a UNESCO World Heritage Site, offering one of the most unique and extensive collections of Bauhaus, or International Style architecture.

White City is home to over 4,000 listed buildings.

## 11 The Nalaga'at Center in Israel is the only theatre company in the world comprised entirely of deaf and blind actors.

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# Israel's Multiculturalism

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**12** Israel is the only country in the Middle East marked as Free by Freedom House in 2022.

It is consistently the only free country in the Middle East, with Turkey, Jordan and Lebanon losing their 2017 'partially free' status.

**13** Since its foundation 70 years ago, Israel has sustained a liberal democratic state when many other newly formed states have struggled to do so and lapsed into dictatorship, and there are no other full democracies in the region.

This is despite the external threats to Israel, and almost all its first generation migrants originating from non-democratic countries.

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<b>14</b>	<b>75%</b>	<b>20%</b>	<b>5%</b>
	of Israelis are Jewish	of Israelis are Arabs	are other minorities

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**15** Israel is the only country in the Middle East where the Christian population is increasing. Christians face persecution across the Middle East, except in Israel where freedom of religion is respected.

**16** Tel Aviv Pride is the largest LGBT+ Pride Festival in the Middle East and Asia, and ranks in the top 8 worldwide.

**17** The Histadrut is one of the world's most powerful trade union movements. It wields enormous influence on the government's wage policy, labour legislation, working conditions in the private sector and is influential in political, social, and cultural spheres.

**18** The Israeli Kibbutz is the most long-lived and successful example of collective social living.

**129,000** The peak number of people lived on Kibbutzim in 1989.

There are currently 270 Kibbutzim in Israel.

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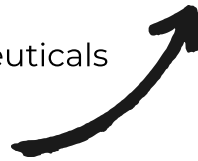
# Israeli Technology

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Israel's GDP growth in 2022 was about 6.5%.

Israel has a technologically advanced free market economy, which exports pharmaceuticals and hi-tech products, has a prudent fiscal policy and a resilient banking sector.



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Israel leads the world in the number of scientists and technicians in the workforce, with 140 per 10,000, as opposed to 85 in the US and over 83 in Japan.

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## Israeli Inventions



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The first mobile phone was developed in Israel by Motorola.

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Voice mail technology was developed in Israel.

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The USB was developed in Israel.

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Israel, the start-up nation, hosts over 100 R&D centers, 73 of which are based in Tel Aviv. The number of multinational corporation R&D centers in Israel is the highest per capita in the world.

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Israel has the highest concentration of hi-tech companies in the world with nearly 10,000 companies and start-ups.

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Israel is ranked in the top twenty most innovative nations worldwide by the 2022 Bloomberg Innovation Index.

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The Israeli navigation app, Waze, gets you from A to B based on live traffic data and hazard alerts, won 'Best Overall Mobile App' at the Global Mobile Awards in 2013.

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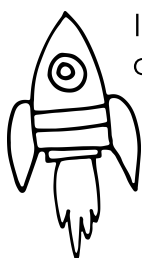
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**28** Israel produces more scientific papers per capita than any other nation with 109 per 10,000 people.

**29** Israeli fashion designer, Danit Peleg, created a 3D printed dress made entirely out of FilaFlex. It took her 100 hours to make.

**30** The “Anti-Date Rape Straw” which detects ketamine and gamma-hydroxybutyric was invented by Professors Fernando Patolsky and Michael Ioffe at Tel Aviv University. They presented their technology at the Nano Conference 2011 in Israel.

**31**



Israel is 1 out of 12 countries in the world who have space launch capabilities.

Israel was the 8th country to successfully launch a satellite (Ofek 1) into space in September 1988.



**32** In 1961, EL AL, Israel's national airline, started flying direct from Tel Aviv to New York. This route broke the world record for longest nonstop flight.

**33** Israel company, Camero, developed 'Xaver,' a sensor which can see through walls. Xaver products are used by over 40 countries worldwide for military, security, and rescue purposes.

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# ISRAEL'S CONTRIBUTION TO MEDICINE

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**34** Israeli company, Teva, is the world's largest generic pharmaceutical company.

Every second of every day, over 350 tablets or capsules supplied by Teva are taken by patients in the UK.

Teva created Copaxone, a revolutionary treatment for MS.

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## Medical Technologies

**35** Israeli company, SYS technologies, developed the Medi-T, a portable and sterile operating room, which can be used in disaster zones.

**36** Israeli company, Given Imaging, developed a swallowable camera, PillCam, to detect and diagnose problems around the intestine, instead of having an invasive colonoscopy.

**37** Israeli invention, OrCam, allows the visually impaired to see and read by inserting a tiny computer onto their glasses.

**38** Israel company Myriad Ultrasound Systems have produced the SoundScan Compact and SoundScan 2000 bone quantitative sonometers which can detect subtle changes in bone quality. This allows for earlier diagnosis for osteoporosis and other bone diseases.

**39** Israeli scientists from Real Imaging developed the first fully computerised, no radiation, no-contact diagnostic device for breast cancer, instead of having a painful mammography.

**40** Designed by Israeli Amit Goffer, ReWalk, a bionic walking assistance system, enables paraplegics to stand upright, walk, turn and navigate stairs.

**41** Israeli company Medco Electronic Systems Ltd. created Femo, a none invasive fetal heart rate monitoring system which prevents unnecessary C-section deliveries.

**42** Israeli scientists at NESS developed glove-like device that aids therapy in restoring function to paralyzed hands and arms.

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**42** In 2023 a new study found that the giving children small amounts of peanuts in the national snack food 'Bamba' resulted in a significantly lower rate of peanut allergies in Israel.

**43** The SniffPhone, a smartphone, used to sniff out lung cancer, was developed by Israeli Professor Hossam Haick. SniffPhone encompasses Haick's 'NaNose' which is a breathalyser test recognising certain types of cancer and disease.

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**44** Israeli biotech company Bonus Biogroup pioneered a new method for bone grafts which involves injecting semi-liquid, lab-grown bone graft into the patient.

**45** **3000** The number of Palestinian children who have received life saving cardiac surgery in Israel.

**46** Israel is a leader in cardiology innovation. It has contributed significantly to the development of stents, heart valves that are inserted by catheters, devices to navigate in the heart and innovative pace makers.

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**47** In order to prevent babies from a Sudden Instant Death Syndrome, (SIDS) Israeli product BabySense monitors baby's breathing and movement through the mattress. If no breathing is detected within 20 seconds, or if the breath rate slows to less than 10 breaths per minute, an audible alarm will sound.

**48** In Hadassah, an Israeli hospital, the world's first dual robotic spinal surgery was performed.

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# TIKKUN OLAM

## DOING GOOD FOR THE WORLD

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**49** Over 300,000 people have been trained in Israel as part of their 's Agency for International Development Cooperation, MASHAV.

It seeks to share Israeli solutions to poverty alleviation, provision of food security, and upgrading of basic health and education services at with developing countries.

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**50** The IDF Field Hospital is ranked as the best in the world by the World Health Organisation and has provided immediate, high quality medical care to thousands of patients in Nepal, Haiti, the Syrian border, the Philippines, and numerous other countries following disasters both natural and man-made.

**#1**

**51** Israeli company, Given Imaging, developed a swallowable camera, PillCam, to detect and diagnose problems around the intestine, instead of having an invasive colonoscopy.

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# The Art of Self Defence

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**52** The Iron Dome missile defence system shoots down enemy missiles in mid-flight.

The Iron Dome was first used in 2011 to protect Israeli civilians from Hamas missiles.

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**53** Israeli intelligence agency, the Mossad, ranks in the top 10 intelligence agencies in the world.

One of the most famous Mossad missions was the capture of Nazi War criminal Adolf Eichmann in Argentina in May 1960.

**54** Israel has developed its own martial art, Krav Maga, which is taught all over the world. It is a weaponless form of self-defence.

**55** Israel was the first country in the world to use the F-35, the world's most advanced stealth fighter jet, in combat, in 2018.

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# Israeli Women

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- 56 Israel has a high global ranking for the percentage of women in employment, which in 2019 reached 73.9%, compared to 81.6% for men, a gap that is half the OECD average.
  - 57 In 2018, Israel was ranked as the 8th safest country for women.
  - 58 Israel elected its first female PM in Golda Meir in 1969. She was only the fourth elected female head of state or government in the world.
  - 59 Women make up 26% of the members of the Knesset, Israel's parliament.
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- 60 Women play a critical role in Israel's defence. They can serve in 90% of roles in the IDF.
  - 61 **65%** Of Israeli women serve in the military.
  - 62 Israel was the first country to pass a law requiring advertisers to note if a model's image has been photoshopped and banning models appearing in fashion commercials if their BMI is under 18.5, in order to tackle eating disorders and promote body positivity.
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# ISRAEL AND THE ENVIRONMENT

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**63** Israel is the only country in the world that entered the 21st century with a net gain in its number of trees compared to 100 years before.

**64** Israel is the world leader in desalination of water. Through desalination, Israel has turned its limited water supply into a water surplus and is helping others too including America, China and India.

**65** More than 90% of Israeli homes use solar power to heat their water.

**66** Drip irrigation using a plastic emitter was invented in Israel, significantly saving water and land resources, and is now used in 110 countries.

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**67** Israel opened the world's first avian blood bank to help treat birds found injured during migration.

**68** Israeli dairy cows produce the most milk per cow in the world.

**69** The first seedless pepper was developed in Israel by Israeli company, Zeraim Gedera.

**70** Israel has revolutionised salad tomatoes to make them tastier and smaller.

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# ISRAELI FOOD DRINK AND FUN



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**71** Israel has developed a world-class whiskey industry, with the Israeli company Honey and Milk winning an international award for being the 'World Best Single Malt' in 2023.

**72** Israeli hummus is the best in the world with entire restaurants dedicated solely to selling hummus.

**73** Israeli, Ephraim Hertzano, created world famous game Rummikub. Making the first sets by hand, Hertzano would sell Rummikub door to-door and to small shops.

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**74** Israel has won the Eurovision song contest four times, most recently in 2018.

**75** Israel is the 4h happiest country in the world, according to the United Nations' annual "World Happiness Report" 2023.

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