

Pakistan

*“A Nation on the Road to
Progress and Advancement”*

Pakistan - A Nation on the Road to Progress and Advancement



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Modern, Progressive, and Dynamic State

- World's 6th largest nation - 162 Million Population
- Bigger than France + Germany (803,940 sq. kilometers – Area)
- 1,046 kilometers - Coastline
- World' third largest English Speaking Nation
- Five provinces (including Kashmir) + 3 territories



A Nation on the Road to Progress and Advancement

- World's 5th largest democracy
- World's 15th largest economy
- 5th largest standing armed forces - 1.0 Million strong
- 300 dailies, 400 weeklies and 700 periodicals (circulation of 10 million)
- GDP \$347.3 Billion. (GDP rate: 7%)
- 7th largest pool of scientists and engineers in the World.



PAKISTAN – SPLENDID HISTORY

- Pakistan – The Legacy of Majestic Mughal Empire
- Pakistan - The Land of the Oldest Civilization – Indus Valley
- Pakistan – The Land of the Oldest City of the World – Moenjodaro
- Land of the Mightiest Rivers in the World – Indus, Ravi, Jehlum, Chenab, Satluj, Kabul
- 20 spoken languages – 66 dialects



PAKISTAN – THE LAND OF BEAUTY AND MAJESTY

- Pakistan – The Roof of the World, Four out of 14 highest peaks are in Pakistan
- Pakistan – Some of the longest glaciers outside polar region are in Pakistan
- Pakistan – The Largest Salt Deposits – Khewra Mines
- Pakistan – One of the Largest reserves of Natural Gas
- One of the largest Bird Sanctuary in the World – Haleji Lake
- World-class recognition in Textile, IT, Engineering Services
- World's highest Railway Station – Kan Mehtarzai, Quetta
- Road on the top of the world – Karakoram Highway (26,000 feet)

- Heavy Forging Complex (HFC) has one the world's largest single-location forging facility, its clients include Honda, Toyota and Volvo amongst others.
- Atlas Honda with 0.75 M motorcycles a year is now one of the largest motorcycle manufacturer in the world.
- Pakistan is the 5th largest tractor manufacturer in the world.
- Pakistan is the 9th largest commercial vehicle manufacturer in the world.
- Suzuki, which makes many cars in Pakistan has decided to make Pakistan its manufacturing, export and research hub outside Japan.
- Hyundai Pakistan is set to become the global small car hub for the Korean giant and will produce latest cars in Pakistan.
- By 2010 Pakistan is set to supply half a million cars to Hyundai Korea, and Suzuki.
- Pakistan is the 9th largest commercial vehicle manufacturer in the world.

Pakistan: Technology Power

- Five of the world's major Automobile makers are obtaining components from Pakistan companies
- This business fetched Pakistan \$1.0 Billion in 2004, and will reach \$5 Billion by 2010.
- New emerging industries areas include, **Mechatronics, Bio-Technology, Clinical Research and Pharmaceuticals.**
- **Carrier Air Conditioning Co, the American giant for Air Conditioning equipment is to set-up Research and Development Center in Pakistan**
- **Pakistan revenues from Information Technology Industry will reach \$ 5 billion in the year 2010.**
- **Many American companies have shown interest in opening software design Centers in Pakistan.**

Pakistan: Trade

- Pakistan is one of the world's largest exporter of textiles and related products such as yarn and cotton.
- Garment exports are expected to increase from the current level of \$ 1.5 billion to \$ 8 billion by 2010.
- Pakistan is one of the world's largest Jewellery and precious gems exporter in the world, its exports were worth \$ 0.75 Billion in 2004.
- About 4 out of 10 precious stones sold anywhere in the world, pass through Pakistan.
- Mobile phones are growing by about 1.0Million a month. Long distance rates are down by two-thirds in five years and by 80% for data transmission
- **Many US and European Giants Chains sources \$ 0.5 Billion worth of goods from Pakistan – Quarter of their apparel. It is expected to increase to \$ 2 Billion in the next couple of years.**

The country's **foreign exchange** reserves stand at an all-time high of ***\$120 Billion***.

Pakistan: Self-Reliance

- Pakistan is among Seven countries that launch their own satellites .
- Pakistan's PAKSAT is among the world's largest domestic satellite communication systems.
- Pakistan is among only few countries that have **ADVANCED SPACE PROGRAM**. All of its satellites were indigenously manufactured.
- Pakistan is one of only country which intents to put its national in Space.
- Pakistan is among the few countries in the World that have built its own Nuclear Power Station by its own indigenous technology.
- Pakistan is among the few countries in the World that have built its own Training Aircraft (Mashaq) by its own indigenous technology.
- It has also prepaid millions owed to the World Bank and Asian Development Bank.
- Pakistan is providing aid to 7 countries, writing-off their debt.

Pakistan: Pharmaceuticals

- The **Pakistani pharmaceutical** industry at \$ 5.0 billion and growing at 8% annually, is the 8th largest pharmaceutical industry in the world, and is expected to be worth \$10 billion by 2010.
- Its exports are over \$0.75 billion. Pakistan is among the top ten bulk drug makers and at home, the local industry has edged out the Multi-National companies.
- Trade of medicinal plants has crossed \$ 500M already.
- There are **40 biotechnology companies** in Pakistan, involved in the development and manufacture of genomic drugs, whose business is growing exponentially.

Pakistan: Foreign Multi-National Companies

Top 5 American employers in Pakistan:

General Electric:	: 2,600 employees
Hewlett-Packard	: 1,200 employees
IBM	: 2,500 employees
American Express	: 1,500 employees
Dell	: 2,200 employees

- General Electric (GE) with \$20 Million invested in Pakistan employs 2,300 staff, 300 R&D staff who are qualified with PhD's and Master's degrees.
- Staff at the offices of **Intel (Pakistan)** has gone up from 5 to 1,00 in 4 years, and will reach 2000 staff by 2010.
- GE intends to build an R&D centre in Pakistan which would be the company's largest research outfit outside the United States.
- It is estimated that there are 200,000 IT professionals in Pakistan as against 120,000 in Silicon Valley.



**William H. Gates, Chairman and Chief
Software Architect Microsoft
Corporation
(b-1955):**

**“...Among the Asians, Pakistanis are the smartest people in
the world in Information Technology.”**

Pakistan: Technology Power

- Over 50 Foreign Companies have plan to set up R&D facilities in Pakistan in the past five years. These include GE, Bell Labs, Du Pont, Daimler Chrysler, Eli Lilly, Intel, Monsanto, Texas Instruments, Caterpillar, Cummins, GM, Microsoft and IBM.
- Pakistan's telecom infrastructure between Karachi, Lahore and New York, provides one of the **largest bandwidth capacity in the world**.
- With more than 100 universities, 150 research institutions and 2,00 higher-education institutes, **Pakistan produces 100,000 engineering graduates** and another 100,000 technically trained graduates every year.
- Besides, another 0.5 million other graduates qualify out in Pakistan annually.
- The Pakistan Institute of Technology (GIIT) and NED University of Engineering & Technology is **among the top ten universities** from which many of the world's biggest consulting firms, hire most.

Pakistani Overseas Work Force – 7.5 Million

■ United States of America	1.5 milion
■ United Kingdom and Ireland	2.0 Milion
■ Canada	500,000
■ Western Europe	1,000,000
■ Saudi Arabia	1,200,000
■ United Arab Emirates	300,000
■ Kuwait Bahrain Oman Yemen	200,000
■ Australia New Zealand	500,000

Pakistanis in the USA.



Microsoft

intel®



Statistics that show:

18% of doctors in the USA,
6% of scientists in the USA,
12% of NASA scientists,
15% of Microsoft employees,
13% of IBM employees,
9% of INTEL scientists,
12% of XEROX employees,

... are Pakistanis

- Of the 1.5M Pakistanis living in the USA, 1/5th of them live in the Silicon Valley.
- 15% of Silicon Valley start-ups are by Pakistanis.
- Pakistani students are the second largest in number among foreign students in USA.

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Distinguished Pakistanis

- **Nobel Prize in Physics, 1979** – Dr. Abdus Salam
- **Designer and Architect of Sears Towers** – Dr. Fazal ur Rahman
- **Architect of Saudi Arabian Desalination Program** – Arshad Hussain
- **First Governor of Saudi Monetary Agency (SAMA)** – Anwar Ali
- **Author of Constitution of Malaysia** – Fazal Qader
- **Chief Advisor to Economic Plans, Malaysia** – Maboob ur Rahman
- **Founder of Int. Center for Theoretical Physics, Trieste, Italy** Dr. Abdus Salam
- **Advisor to Saudi Civil Aviation Authority:** Dr. Saleem Moinee + Hyder Ali

Distinguished Pakistanis

- **First Commander-in-Chief, Zimbabwe Air Force – Air Marshal Dawood Pota**
- **President of the United Nations and Judge of Int. Court – Zafarullah Khan**
- **Advisor to Top Desalination Company, Doosan - Fayyaz Muddassir Mubeen**
- **World Champions of Squash – Jehangir Khan, Jan Sher Khan, Roshan Khan**
- **Leader in Organic Chemistry – Dr. Atta ur Rahman**
- **Princes of Jordan – Prince Sarwat sultana (wife of Prince Hasan)**

Mohammad Ali Jinnah (1876-1948)

The Founder of Pakistan

“I have no doubt that Pakistan will be a leading nation of the world very soon”

“Unity, Faith and Discipline, these are the rules you should follow and I assure you, nothing can prevent you to achieve the highest possible glory.”

“Peace is achieved by strength and steadfastness. Weaker nations would always be subjugated and Pakistan’s Strength is the Advancement in Technology.”

“Kashmir is the blood line of Pakistan and no country can give its blood line to its enemy.”

What other say about Pakistan

“Pakistan is a source of peace and stability in South Asia.”

Kofi Annan, Secretary General, UNO

“Pakistan is a great country with honourable people. All people round the world are proud of Pakistan and its people”

Abdulhamid Al-Mansour, Director General SWCC, Saudi Arabia

“Pakistan, with its highly trained technical labor force, has the where-with-all to accomplish these tasks. Whatever is being achieved today is just the beginning step for a national growth curve that must be goaled if Pakistan is to be among the world’s technology leaders.”

Dr. Irving Moch, Director AMTA and IDA



Pakistan's Vision

- ◆ Peace and Stability
- ◆ Development
- ◆ Self Reliance
- ◆ Economic Strength
- ◆ Advancement in Technology