



Doing LifeScience Business in INDIA

Illinois Science + Technology Park

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Panelists



Moderator: **Michael Rosen** – Forest City Science + Technology Group

- **Terry LaRocca**- Illinois Office of Trade & Investment
 - India Trade Specialist
- **Debra Rogers** – U.S. Dept. of Commercial
 - India Trade Specialist
- **Dinesh Jain** – AAGAMI
 - President
- **D'vorah Graeser** – Graeser Assoc. International
 - Managing Partner





Key Economic Parameters	U.S.	China	INDIA
Population	313 M	1,336 M	1,189 M
Area – Square Kilometers	9.8 M	9.6 M	3.3 M
GDP Size	\$14.7 T	\$5.9 T	\$1.5 T
GDP – PPP	\$14.7 T	\$10.1 T	\$4.1 T
GDP Growth - %	2.8%	10.3%	10.4%
GDP Per Capita (PPP)	\$47,200	\$7,600	\$3,500
Unemployment Rate - %	9.6%	6.1%	10.1%
Population Below Poverty	15.1%	2.8%	25.0%
Inflation Rate - %	1.6%	3.2%	12.0%
Exports	\$1.3 T	\$1.6 T	\$225.6 B
Imports	\$1.9 T	\$1.3 T	\$357.7 B





Key Healthcare Parameters	U.S.	CHINA	IINDIA
Median Age - Years	36.9	35.5	26.2
Population Growth Rate	0.963%	0.493%	1.344%
% of Population >65	13.1%	8.9%	5.5%
Birth Rate/1000	13.83	12.29	20.97
Life Expectancy at Birth - years	78.4	74.7	66.8
Health Expenditures - % of GDP	16.2%	4.6%	2.4%
Physician Density/1000 people	2.6	1.4	0.59
Hospital Bed Density/1000 people	3.1	4.1	0.9
People Living with HIV	1.2 million	740,000	2.4 million
Obesity Prevalence Rate (Adult)	33.9%	2.9%	2.5%



India Pharma Market



- Market Size: \$6 billion in 2005 (14th rank) to \$20 billion in 2015 (10th rank) – 14% annual growth
- Hospital Beds: 2 million by 2015
- Physicians: 400,000 by 2015
- Health Insurance Coverage: 200 million people covered by 2015





India Chronic Diseases



DISEASE	PATIENTS- M 2005	PATIENTS – M 2015	% Incidence 2005	% Incidence 2015
HEART	36	62	3.31%	4.91%
DIABETES	31	46	2.8%	3.7%
ASTHMA	27	34	2.5%	2.7%
OBESITY	14	34	1.3%	2.7%
CANCER	2.0	2.5	0.18%	0.20%





India Key Issues



- 140 M Indians will move above the poverty line in the next decade
- Generic products dominate the market: patent-protected products represent only 10%
- More FDA-approved manufacturing sites than any other country: >35





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