

Assam & Neighbours

23 February, 2016

Population and population density of Assam, NE states and neighbouring countries

State	Population	Density (Population per sq. km)
Assam	31,205,576	398
Tripura	3,673,917	350
Meghalaya	2,966,889	132
Manipur	2,855,794	128
Nagaland	1,978,502	119
Arunachal Pradesh	1,383,727	17
Mizoram	1,097,206	52
Sikkim	610,577	86

	Population	Density (Population per sq. km)
Assam	31,205,576	398
Bangladesh	158,513,000	1100.8
Bhutan	766,000	16.3
Myanmar	53,719,000	79.4
China	1,393,784,000	145.2

Social and Health Indicators of NE States

Indicator	India	Arunachal Pradesh	Manipur	Assam	Nagaland	Meghalaya	Tripura	Mizoram	Sikkim
Crude Birth Rate (SRS 2013)	21.4	19.3	14.7	22.4	15.4	23.9	13.7	16.1	17.1
Crude Death Rate (SRS 2013)	7	5.8	4	7.8	3.1	7.6	4.7	4.3	5.2
Infant Mortality Rate (SRS 2013)	40	32	10	54	18	47	26	35	22
Maternal Mortality Rate (SRS 2010-12)	178	NA	NA	328	NA	NA	NA	NA	NA
Total Fertility Rate (SRS 2012)	2.4	NA	NA	2.4	NA	NA	NA	NA	NA
Sex Ratio per 1000 males	940	920	987	954	931	986	961	975	889
Child Sex Ratio (Census 2011)	914	960	934	957	944	970	953	971	944
Population below Poverty line (%)	26.1	33.47	-	-	-	-	-	-	-
Schedule Caste population (in crore)	16.67	0.0006	16.67	0.18	Not Notified	0.001	0.056	0.00003	0.0027
Schedule Tribe population (in crore)	8.43	0.071	8.4	0.33	0.17	0.2	0.099	0.084	0.011
Total Literacy Rate (%) (Census 2011)	74.04	66.95	74.04	73.18	80.11	75.48	87.75	91.58	82.2
Male Literacy Rate (%) (Census 2011)	82.14	73.69	82.14	78.81	83.29	77.17	92.18	93.72	87.29
Female Literacy Rate (%) (Census 2011)	65.46	59.57	65.46	67.27	76.69	73.78	83.15	89.4	76.43

Health indicators of Assam, Bangladesh, Bhutan, Myanmar and China

Indicator	Year	Assam	Bangladesh	Bhutan	Myanmar	China
Sex ratio (males per 100 females)*	2014	104	102.3	116.1	94.4	107.6
Life expectancy at birth (females and males, years)	2010-2015	64.8/63.6	71.3/69.8	68.4/67.7	67.1/63.0	76.6/74.0
Infant mortality rate (per 1 000 live births)	2010-2015	54	32.4	30.7	48.9	13
Fertility rate, total (live births per woman)	2010-2015	2.4	2.2	2.3	2	1.7

*Sex ratio data from UN is available as number of males per 100 females, Assam's sex ratio Has been calculated using male and female population data

State Domestic Product (SDP) Per Capita

- In 2013-14, Bihar had the lowest per capita SDP at Rs 15,506 and Goa had the highest per capita SDP at Rs 137401
- Assam's per capita SDP is just above Bihar and Uttar Pradesh.

State	2013-14 (per capita SDP in Rupees)
Bihar	15506
Goa	137401
Orissa	24929
Assam	23392
All India per capita NNP	39904

State	2013-14 (per capita SDP in Rupees) (at 2004-05 prices)
Assam	23392
Manipur	24042
Arunachal Pradesh	36019
Meghalaya	37154
Mizoram	41094
Tripura	47261
Nagaland	49963
Sikkim	83527

	Per capita income in 2014 (current US\$)
Assam (2013-14)	738
Bangladesh (2014)	1,087
Bhutan (2014)	2,560
Myanmar (2014)	1,204
China (2014)	7,590

Per Capita Installed Power Capacity

State	per capita installed capacity (in watts)*
<i>Assam</i>	<i>43.9</i>
Tripura	174.4
Meghalaya	172.0
Manipur	72.2
Nagaland	70.8
Arunachal Pradesh	186.4
Mizoram	108.8
Sikkim	678.8

*Please note that per capita installed capacity is calculated from total installed power capacity and 2011 census population data

Lengths of Borders

	Length (in Kms)
<i>Assam-Bangladesh</i>	<i>263</i>
<i>Assam-Bhutan</i>	<i>267</i>
Arunachal Pradesh - Myanmar	520
Nagaland - Myanmar	215
Manipur - Myanmar	398
Mizoram - Myanmar	510
Arunachal Pradesh - China	1126
Sikkim- China (Tibet)	220.7

India-Myanmar Connectivity

- India and Myanmar collaborating towards enhanced land connectivity on three fronts:
 - through border trading point at Moreh in Manipur and Tamu in Sagaing Region of Myanmar
 - enhancing land connectivity through the trading point at Zokhawthar in Mizoram and Rhi in Chin State of Myanmar

- third front is through the India assisted *Kaladan Multi-modal Transit Transport Project* (KMTTP) - will enable connectivity between Indian ports and Sittwe port of Myanmar, being upgraded for vessels up to 6000 dwt.
- Kaladan Multi-modal Transit Transport Project to be fully completed by 2016

- Land Customs Station (LCS) to be set up at Zorinpui on Kaladan route to facilitate trade between Mizoram, Tripura, lower Assam with the Chin and Rakhine States of Myanmar

India–Myanmar–Thailand Trilateral Highway

- IMT to integrate SAARC and ASEAN regions
- Road construction began in 2012 which runs from Moreh in India to Thailand's Maesot via Myanmar's Tamu, Mandalay and Myawaddy
- (Aung San Suu Kyi cannot be president as per 2008 constitution despite sweeping victory of Nov 2015 because sons are not Myanmar nationals)

Protocol on Inland Water Transit and Trade between India and Bangladesh

- Routes under this protocol:
 - i) Kolkata-Chandpur-Pandu-Silghat-Kolkata
 - ii) Kolkata-Chandpur-Karimganj-Kolkata
 - iii) Silghat-Pandu-Ashuganj-Karimganj-Pandu-Silghat
 - iv) Rajshahi-Dhulian-Rajshahi.
- Ports in India are Haldia (West Bengal), Kolkata (West Bengal), Pandu (Assam), Karimganj (Assam) and Silghat (Assam).

- Bangladesh to soon grant India direct access to Chittagong port as both sides work on forward linkages (Sadiya-Lumding-Chittagong rail line end 19th century)
- Bangladesh working on Standard Operating Procedure (SOP) to ensure India direct access to port – will be significant in boosting bilateral and intra-regional trade

Road and Rail connectivity between Assam and Bangladesh

- India and Bangladesh to re-establish the old rail link between Shahbazpur (Bangladesh) and Mahisasan (India)
- Rail route from Mahisasan in Karimganj, Assam and Kulaura in Bangladesh, via Shahbazpur, was operational till 1965. Train services stopped after India-Pakistan war broke out

- Indian and Bangladesh railways to start transportation of petroleum products from Numaligarh refinery in Assam to Parbatipur in Bangladesh via existing interchange points at Rohanpur and Singhabad
- Guwahati-Shillong-Dhaka bus services started in February 2015 takes 40 hours to reach Dhaka from Guwahati

ब्रह्मपुत्र नदी प्रणाली
BRAHMAPUTRA RIVER SYSTEM

राष्ट्रीय जलमार्ग सं० २
NATIONAL WATERWAY - 2
DHUBRI (BANGLADESH BORDER) - SADIYA (891 km)

(वित्तवर्ष १९८८ से घोषित)
(DECLARED ON SEPTEMBER 1988)
(ISSAM)

केवल कार्यालय प्रयोगार्थ
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Lambert Conformal Conic projection



Bogibeel Rail cum Road bridge

- Combined rail and road bridge in the Dibrugarh district - project was inaugurated in 2002
- Will be India's longest bridge (4.94 km) coming up across Brahmaputra river and will be fourth bridge over this river in Assam
- Expected to be not only lifeline for Northeast will also strengthen country's security

- Project implemented by North East Frontier Railway - scheduled completion in 2016 - will connect two existing railway networks running along north and south banks
- Will provide connectivity between around five million people residing in upper Assam and Arunachal Pradesh

India's trade with neighboring countries

(US\$ millions)

Country	\Year	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015
Bangladesh	EXPORT	3,242.90	3,789.20	5,144.99	6,166.93	6,451.47
	IMPORT	446.75	585.73	639.33	484.34	621.37
	TOTAL TRADE	3,689.66	4,374.93	5,784.31	6,651.27	7,072.84
Bhutan	EXPORT	176.03	229.86	233.22	355.6	333.94
	IMPORT	201.57	202.55	164	152.17	149.87
	TOTAL TRADE	377.6	432.41	397.22	507.77	483.81
Nepal	EXPORT	2,168.06	2,721.57	3,088.84	3,592.30	4,558.77
	IMPORT	513.4	549.97	543.1	529.93	639.91
	TOTAL TRADE	2,681.47	3,271.54	3,631.94	4,122.23	5,198.68
Myanmar	EXPORT	320.62	545.38	544.66	787.01	773.24
	IMPORT	1,017.67	1,381.15	1,412.69	1,395.67	1,231.54
	TOTAL TRADE	1,338.29	1,926.52	1,957.35	2,182.68	2,004.78

Bay of Bengal Initiative for Multi-Sectoral Technical and Economic Cooperation (BIMSTEC)

- Bangladesh, Bhutan, **India**, Myanmar, Nepal, Sri Lanka, Thailand brings together 1.5 billion people – 21% of the world population - combined GDP of over US\$ 2.5 trillion
- BIMSTEC identified 14 priority areas for member countries to take lead. India is lead country for Transport & Communication, Tourism, Environment & Disaster Management and Counter Terrorism & Transnational Crime

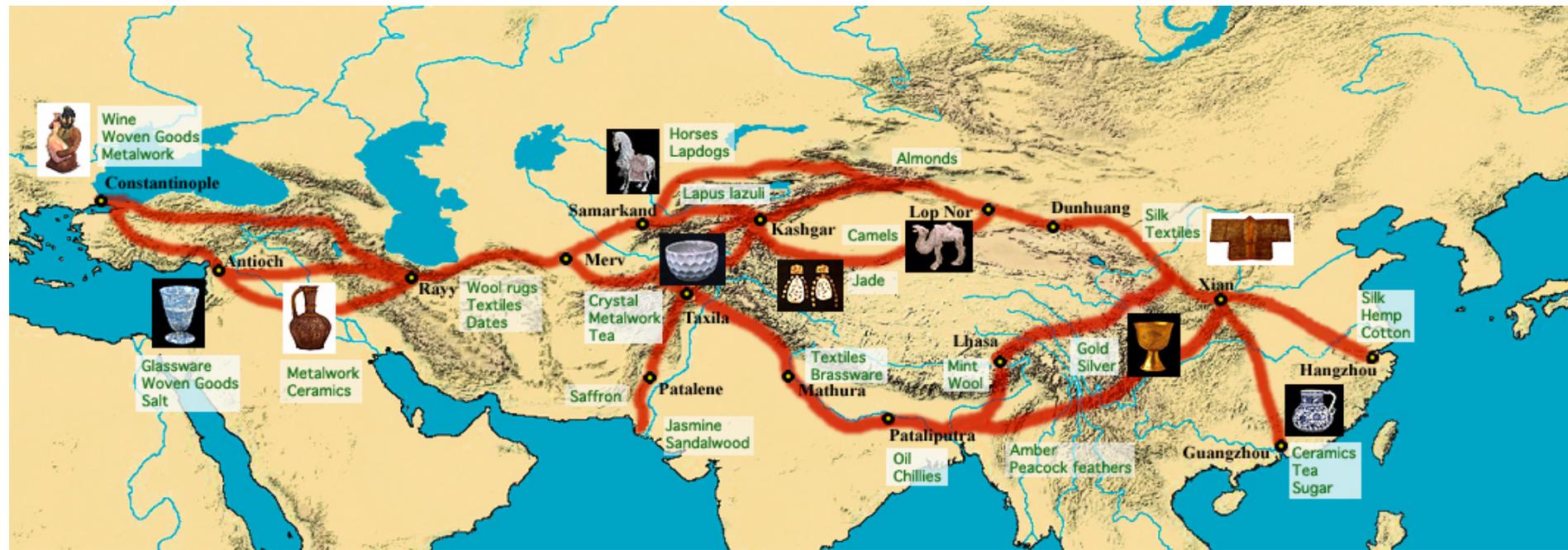
- A Framework Agreement for BIMSTEC Free Trade Area was signed in Phuket, Thailand in Feb 2004. The Framework Agreement commits the parties to negotiate FTAs in goods, services and investments

One Belt One Road Initiative

- China's vision envisages that this initiative, once completed, would impact 4.4 billion people and, within a decade, boost trade by \$2.5 trillion.
- First freight train resurrecting ancient Silk Road route arrived in Iran from China on 15 February 2016 taking 14 days to complete journey of 9500 kilometres

- 30 days shorter than sea route from Shanghai to the Iranian port of Bandar Abbas, according to Iranian authorities
- (Indian students in China
- Cultural and people to people exchanges
- Asian century?)

Old Silk route map



New silk route

CHINA'S PROPOSED NEW SILK ROADS



—●— SILK ROAD ECONOMIC BELT —●— MARITIME SILK ROAD —●— CHINA-PAKISTAN ECONOMIC CORRIDOR

Source: Xinhua

Credits: James McBride, Julia Ro