

WPI

Facts & Figures:

District of Mirzapur, India

- Pop: 2,074,709 people
 - Live outside of the city – 86%
 - Considered educated – 44%
 - About 2/3 are male

Village of Mirzapur, India

- Pop: 205,264 (as of 2001 census)
 - Estimated 29% is in poverty, living in slum colonies

India

- Pop. growth rate: 1.376% form of contraceptive
- Pop: 1,173,108,018
 - Approx 3x the population of the US in 1/3 the area
 - More than 1/7th of the world's population lives in India
 - Total fertility rate: 2.65 children born/woman
 - Urbanization rate: 2.4% annual change

50% of women claim to use some

Population Control in India:

- Empower • Educate • Provide •

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Need: India cannot support it's rapidly growing population.

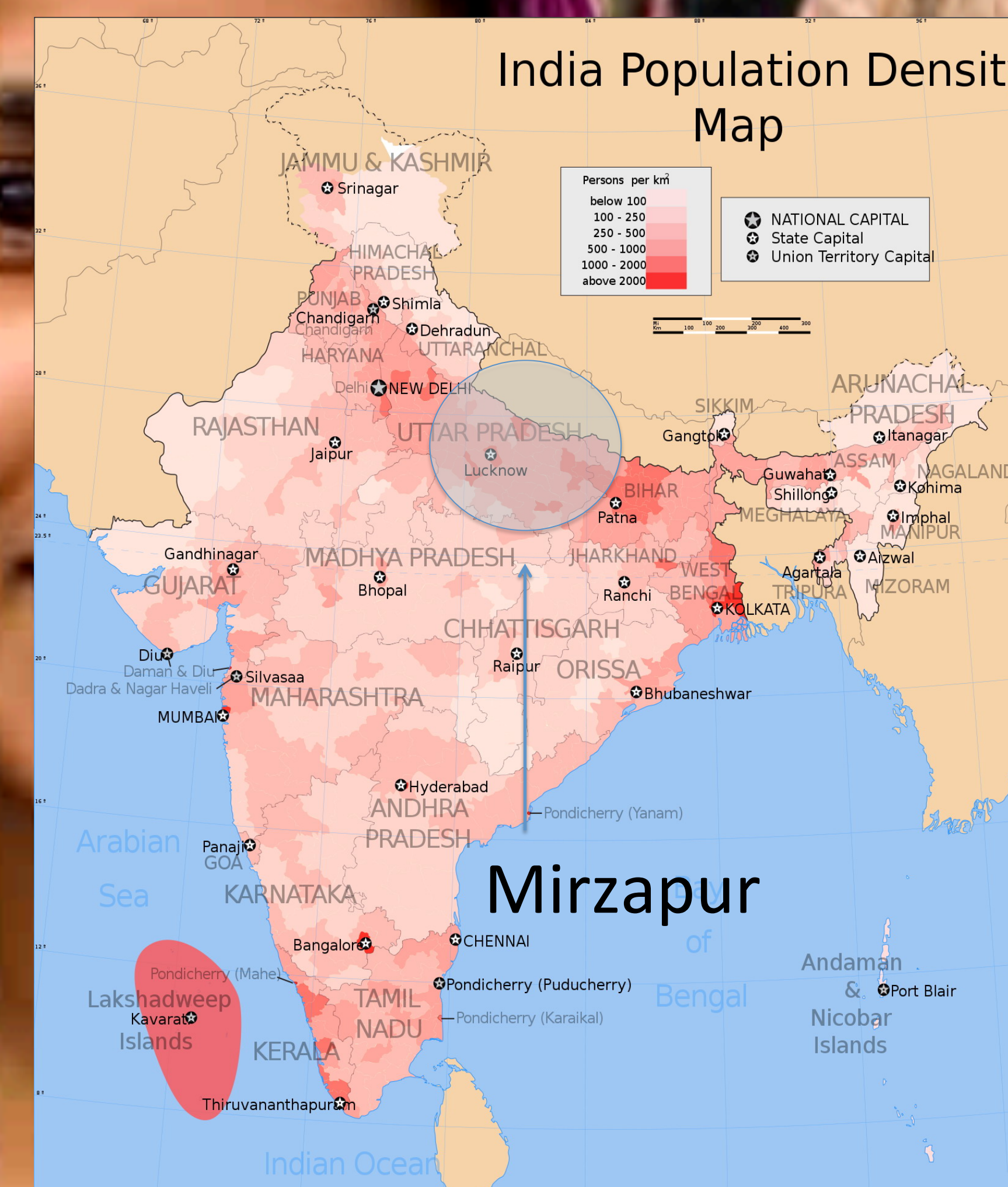
Approach: Educate, empower and provide means of family planning to women, improving overall quality of life of themselves and their families.

Culture:

- Large, joint families with preference for sons
- 67% farmers or agricultural workers
- Follows hierarchy of Caste system
- Mainly Hindu, partially Muslim
 - Contraceptives are mostly accepted within families

Benefits:

- Reduce Infant mortality (50.3)
- Decrease abortion related deaths (15,000 - 20,000)
- Life expectancy increase (63.7 yrs)
- Decrease cost of living
- Less overall consumption of land, food, water, natural resources and services
- Improve quality of public education (literacy rate)
- Reduce number below poverty level (25%)



EMPOWER:

- Women have low social status
- Religious and cultural traditions- son preference
- Women's health is often an overlooked problem
- Empowering women – most effective in improving concept of women's health
- Show and explain benefits of family planning

EDUCATE:

- Teaching women effective to reduce pop. – not men
- Women informed, little access to family planning
 - Mostly use tubectomys and the pill, little condom use
- Rural areas have limited access
- Construct an education plan to address the issue
 - Broad based and easy to understand

PROVIDE:

- Letters sent to large contraceptive companies asking for donations
 - Provide as many different options available
- Doctors present to help women choose best method and proper use
 - Distribute during classes at local hospitals or medical clinics
 - natural family planning calendars

References

The caste system in India. (2000). Retrieved December 2, 2010, from http://www.indianchild.com/caste_system_in_india.htm
Chowdhury, S. D., Wrotniak, B. H., & Ghosh, T. (2010). Nutritional and socioeconomic factors in motor development of santal children of the purulia district, India. *Early Human Development*, doi:10.1016/j.earlhumdev.2010.08.029
CIA - the world factbook, India. (2010). Retrieved 11/30, 2010, from <https://www.cia.gov/library/publications/the-world-factbook/geos/in.html>
Derr, M. "ABORTION IS BAD KARMA: HINDU PERSPECTIVES." *Feminism and Nonviolence Studies*. 19 04.1999. *Feminism and Nonviolence Studies Association, Inc.*. 20 11.2010

Himalayan Academy. *Nine beliefs of Hinduism*. Retrieved December 2 <http://www.himalayanacademy.com/basics/nine/>
"Hinduism and Abortion." *Bbc.com*. BBC, 25 Aug. 2009. Web. <http://www.bbc.com/uk/religion/religions/hinduism/hinduethics/abortion_1.shtml>.
"India's Religion and Philosophy." . 0702.2010. . 2011.2010 <http://www.asianinfo.org/asianinfo/india/religion.htm>
Jacob, M. E., Abraham, S., Surya, S., Minz, S., Singh, D., Abraham, V. J., et al. (2006). A community health programme in rural tamil nadu, India: The need for gender justice for women. *Reproductive Health Matters*, 14(27), 101-108. doi:DOI: 10.1016/S0968-8080(06)27227-6

Pescud, M. (2005). *Fertility and birth control in india*. www.lab.anhb.uwa.edu.au: Retrieved from www.lab.anhb.uwa.edu.au/~Pescud-%20Fertility%20and%20Birth%20Control%20in%20India.docStacey, D. *Birth control - hinduism*. Retrieved December 2, 2010, from http://contraception.about.com/od/additionalresources/ss/religion_5.htm
Subramanyam, M. A., Kawachi, I., Berkman, L. F., & Subramanian, S. V. (2010). Socioeconomic inequalities in childhood undernutrition in india: Analyzing trends between 1992 and 2005. *PLoS One*, 5(6), e11392. doi:10.1371/journal.pone.0011392
V, J. *Hinduism and women*. Retrieved December 2, 2010, from http://www.hinduwebsite.com/hinduism/h_women.asp