participation from the departure area with over-sampling of Asian destinations, due to interest in the region as a possible source of pandemic influenza. Participants completed a self administered survey which was collected at the airport.

**Results:** Respondents perceived the risk of disease transmission by coughing as carrying the highest risk (198/878; 22.6% medium-high risk) while sexually transmitted infections (STIs) the lowest (18/878; 2.1% medium-high risk). 214/878 (24.4%) respondents reported seeking travel health advice from a GP prior to departure. Pre-travel vaccination rates were low in both Australian travellers and residents of other countries, with 46/364 (12.6%) and 48/514 (9.3%) reporting at least one pre-travel vaccine respectively. Overall, the most frequently reported vaccines were for Hepatitis B (5.4%) and Hepatitis A (5.2%). There was a significant difference in reporting influenza vaccination between Australian residents and residents of other countries (17/364, 4.7% 95% CI 2.9—6.4% and 10/514, 1.9% 95% CI 0.5—3.4% respectively, \( p = 0.021 \)).

**Conclusion:** Diseases can arise in areas of heavy tourism; travellers may undertake activities which place them at increased risk; and travellers can act as vectors to transport new diseases across borders. For these reasons, understanding travel behaviours can inform disease control efforts. In over 800 surveyed travellers, the perceived risk of infection and vaccination rates in general was low. Opportunities exist for intervention to increase traveller awareness and modifying behaviour.

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68.017

High Rate of Recent Infections in International Travelers Departing Bangkok

S. Pattanasin1,∗, A. Heywood2, S. Iamsirithaworn1, R. Buathong1, H. Yang1, R. Watkins3, C.R. MacIntyre2

1 Bureau of Epidemiology, Ministry of Public Health, Nonthaburi, Thailand
2 University of New South Wales, Sydney, Australia
3 Curtin University of Technology, Perth, Australia

**Background:** In 2006, over half a million of travelers departed Thailand to Australia. A concern of upcoming influenza pandemic poses a challenge for public health professionals to find effective measures for delaying a global spread. We conducted a study to determine potential risk of transmission and factors related to the spread of infection across international border.

**Methods:** During November-December 2007, 114 travelers aged over 15 years who departing Thailand to Australian were randomly selected at Suvarnabhumi International Airport in Bangkok. A self-administered questionnaire was used for collecting data on demographics, traveler patterns, diseases status and risk of acquiring infection.

**Results:** Of 114 surveyed, 74 (64.9%) entered Thailand for holidays. The majority of travelers (65.8%) spent less than 2 weeks in Thailand. Over half (55.3%) were males and the mean age was 37 years (SD 13.9). Common illnesses in the past 2 weeks reported were URI, (34.5%, 38/110) and diarrhoea, (12.7%, 14/110). For URI, 75.8% perceived that coughing/sneezing is a risk factor. Half of travelers believe that consumption of food and water is a possible cause of diarrhoea. About 39% (45/114) were never vaccinated against influenza. For various places visited, transportation used and events attended, only a history of visiting farm in the past two weeks increased a risk of having URI (adjusted OR 5.6; 95% CI=1.2, 27.0). Type of accommodations and length of stay were not associated with any specific disease.

**Conclusion:** Nearly half of all travelers departing Thailand for Australia reported infections within 2 weeks of departure. URI was common among recent farm visitors. The possibility of a major antigenic shift and the emergence of human pandemic influenza, as well as emerging infections such as SARS, make the study of travellers and their role as vectors for infection important.

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68.018

Evaluation of Maternal and Child Health Services at Block PHC Harduaganj, Aligarh, (UP)

S. Singh1,∗, D.C. Jain1, R.C. Chaddha2

1 National Institute of Communicable Diseases, Delhi, India
2 Chief Medical Officer, Aligarh, India

**Background:** India has an excellent infrastructure for the delivery of MCH services in the community, but this system does not function effectively because of limited resources, communication delays, lack of commitment on the part of health professionals, political will and community participation. Keeping in view of all things present study was proposed with the following objectives:

- To study the MCH services coverage at PHC level and its utilization pattern.
- To study barriers in MCH programme utilization.

**Material and Methods:** A cross-sectional study was done at block PHC Harduaganj, Aligarh (UP) on women who were pregnant or in puerperium or having children of age of 12 months to 23 months and service providers in state Govt. sector from 1st August to 31st December 2007. Presence of staff, infrastructure, working equipments, availability of drugs and kits were also seen. Primary as well as secondary data were collected. 72 postnatal mothers, 181 antenatal women and 152 mothers having children of age 12 month -23 month were interviewed as per pre designed Performa. 3 medical officers, 28 ANMs, 14 ASHA and 12 AWW were also studied.

**Results:** Block PHC Harduaganj was serving a population of 2, 60000 against the IPH standards of 1, 20000. Regarding input indicators, 3 posts of ANMs were vacant against the sanctioned posts, 50% Sub centres were running in rented building and all PHCs were lacking in facility for ambulance, laboratory, separate toilet for patient and staff, telephone and water supply. The ANMs was maintaining only 1 register instead of twelve registers as per IPH standards. Regarding process indicators, early registration was 10%, 3 ANC visits were 1.4% and PNC visits were only 31.9%. Two doses of TT 75% and consumption of 100 IFA tablets were 23.6% among postnatal women and among antenatal women 15.5% consumed IFA tablets and 51.9% received two doses of TT.