

Table 1. Total number of estimated hospital admissions and deaths

Influenza Pandemic Impact / Gross Attack Rate	15%	25%
<i>Total Hospital Admissions</i>		
Most Likely Scenario	8,015	13,359
Minimum Scenario	2,368	3,947
Maximum Scenario	11,990	19,984
<i>Total Deaths</i>		
Most Likely Scenario	1,313	2,189
Minimum Scenario	494	823
Maximum Scenario	2,713	4,522

Table 2. The number of estimated hospital admissions by week

Week	1	2	3	4	5	6	7	8
<i>Attack rate=15%</i>								
Most Likely Scenario	481	802	1,202	1,523	1,523	1,202	802	481
Minimum Scenario	142	237	355	450	450	355	237	142
Maximum Scenario	719	1,199	1,799	2,278	2,278	1,799	1,199	719
<i>Attack rate=25%</i>								
Most Likely Scenario	802	1,336	2,004	2,538	2,538	2,004	1,336	802
Minimum Scenario	237	395	592	750	750	592	395	237
Maximum Scenario	1,199	1,998	2,998	3,797	3,797	2,998	1,998	1,199

Table 3. The number of estimated medical resources by week

Week	1	2	3	4	5	6	7	8	9	10
Attack rate=15%										
Hospital Admission	481	802	1,202	1,523	1,523	1,202	802	481		
Weekly admission										
Peak admission/day	0	0	0	237	237	0	0	0		
Hospital Capacity	481	802	1,202	1,523	1,600	1,473	1,140	752		
Number of flu patients in hospital										
% of hospital capacity used	8%	13%	19%	24%	26%	24%	18%	12%		
ICU Capacity	72	153	235	310	336	327	260	179		
Number of flu patients in ICU										
Ventilator Capacity	36	76	117	155	168	163	130	90		
Number of flu patients on ventilators										
Deaths			79	131	197	249	249	197	131	79
Number of deaths from flu										
Number of flu deaths in hospital			55	92	138	175	175	138	92	55
Attack rate=25%										
Hospital Admission	802	1,336	2,004	2,538	2,538	2,004	1,336	802		
Weekly admission										
Peak admission/day				396	396					
Hospital Capacity	802	1,336	2,004	2,538	2,667	2,455	1,900	1,253		
Number of flu patients in hospital										
% of hospital capacity used	13%	21%	32%	41%	43%	39%	30%	20%		
ICU Capacity	120	255	392	517	560	544	433	299		
Number of flu patients in ICU										
Ventilator Capacity	60	127	196	259	280	272	216	149		
Number of flu patients on ventilators										
Deaths			131	219	328	416	416	328	219	131
Number of deaths from flu										
Number of flu deaths in hospital			92	153	230	291	291	230	153	92

Table 4. Health professionals in Laos (2004)

Health professional	Number
Number of Physician	11504
Number of Nurse	754
Number of Pharmacist	535
Radiology Technologist	22
Laboratory Technologist	314
Village Health Volunteer	13303
Total	26432

研究成果の刊行に関する一覧表

書籍

著者氏名	論文タイトル名	書籍全体の 編集者名	書 籍 名	出版社名	出版地	出版年	ページ
		Watanabe Y Kinoue T Watanabe T Okazaki I	Proceedings on International Symposium on Health Financing -How to Allocate Health Resources -	Tokai University Press	Kanagawa	2005	1-95
		Okazaki I Watanabe T Watanabe Y Kinoue T	Proceedings on International Symposium on Networking of International Organizations, GOs and NGOs for Information Sharing of Infectious Diseases	Tokai University Press	Kanagawa	2006	1-86