



**INTELLIGENT
RISK SYSTEMS**

2008 REVIEW AND FORECAST: AVIAN INFLUENZA AND PANDEMIC PLANNING

March 2009

Worldwide Trends with a Focus on:

**Indonesia
Indian Subcontinent
Vietnam
Egypt
China and Hong Kong**



MEET THE WORLD PANDEMIC TEAM

Created by iJET's World Pandemic Team, the *2008 Year in Review: Avian Influenza and Pandemic Planning* report provides analysis of worldwide events associated with H5N1 avian influenza and summarizes progress toward pandemic preparedness by governments and corporations. The *Year in Review* report is based on data from iJET's World Pandemic Monitor service (www.worldpandemicmonitor.com), which provides real-time alerting, authoritative analysis, and best practice tools to help businesses build plans to address a vast number of global health concerns.

More than 40 subject-matter experts worldwide help ensure the most accurate and up-to-date information for planning and response. iJET's 24x7 Global Watch Operations and Health Intelligence Team work with on-the-ground contacts and monitor hundreds of electronic sources around the clock to provide mission-critical intelligence for the pandemic planner. The core contributors to the World Pandemic Monitor service are the iJET Health Intelligence Team and the Health Intelligence Advisory Board.

Health Intelligence Team

Joan Pfinsgraff, M.D.
Director Health Intelligence

Graduate of Dartmouth Medical School with more than 15 years experience in medicine, biotechnology and the pharmaceutical industry.

Amisha Parekh de Campos
Health Intelligence Analyst

Amisha graduated from the George Washington University with a Master's in Public Health with a concentration in Global Health Promotion.

Health Intelligence Advisory Board

Bradley Connor, M.D.
Past President, International Society of Travel Medicine

Michael Callahan, M.D.
Director, Biodefense and Mass-Casualty Care program, Center for Integration of Medicine and Innovative Technology

Stephen O. Cunnion, M.D., PhD.
Retired Director, Preventive Medicine and Occupational Health, Navy and Marine Corps

Davidson H. Hamer, M.D.
Assoc. Professor of International Health, Boston University School of Public Health. Director, Travel Clinic at Boston Medical Center

Elaine C. Jong, M.D.
Clinical Professor of Medicine, University of Washington, and founder of the University of Washington's first travel medicine clinic (1980)

TABLE OF CONTENTS

Meet the World Pandemic Team	i
Table of Contents	ii
Summary	1
Section 1: Trends.....	2
Seasonal Trend	2
Geographic Spread	2
Human Infections.....	3
Demographics.....	4
Case Fatality Rates	5
Conclusions	7
Section 2: Hot spots.....	8
Indonesia	8
Indian Subcontinent.....	10
Vietnam.....	12
Egypt.....	13
China and Hong Kong	14
Other Potential Problem Areas.....	15
Conclusions	16
Section 3: Scientific Developments	17
Viral Concerns	17
Antivirals	20
Vaccines	21
Facemasks Reassessed	23
Antibiotics Gain New Significance.....	24
Section 4: Political and Economic Issues in Pandemic Preparedness	25
Global Health meets Politics.....	25
Pandemic Influenza as a Security and Foreign Policy Issue	26
Pandemic Influenza as an Economic Issue.....	26
State of pandemic preparations.....	27
Corporate preparedness.....	29
Conclusions	30

2008 Year in Review: Avian Influenza and Pandemic Planning



FAX-BACK ORDER FORM

Created by iJET's World Pandemic Team, this in-depth report provides analysis of global events associated with H5N1 avian influenza and summarizes progress toward corporate and government pandemic preparedness. Designed to aid organizations in the development and continuation of effective pandemic planning, the report includes chapters on Trends, Hot Spots, Scientific Developments and Political and Economic Issues associated with Pandemic Preparedness.

A six-page standalone "**Executive Summary and Forecast**" is included as a companion to the full 31-page report. **To order an electronic copy of these documents**, please complete this form and fax it back to +1-410-573-3869.

If you are a current subscriber to iJET's **World Pandemic Monitor** service, you can receive the report for free. If you are not a subscriber but would like to subscribe now, your purchase of this report, a \$595 value, would be credited toward the subscription cost.

Name: _____

Title: _____

Company: _____

Email (required to send report): _____

Phone: _____

Address: _____

City: _____

State/Province: _____ **Postal Code:** _____ **Country:** _____

Payment:

I understand iJET will bill my credit card according to the choice checked below.

\$595 - Please send a copy of the **2008 Review and Forecast** to me at the email address provided above. I understand that the **Executive Summary and Forecast** will be included, as well.

\$2500 - Please subscribe me for one year to the **World Pandemic Monitor** service. I understand that I will also receive the **2008 Review and Forecast**, with the **Executive Summary and Forecast FREE!**

FREE - I am a current subscriber to the **World Pandemic Monitor** service. Please send me a **FREE** copy of the **2008 Review and Forecast**, with the **Executive Summary and Forecast**.

Credit Card Number: _____

Credit Card Type: _____ **Expiration:** _____

PROMOTIONAL CODE (optional): _____

2008 Year in Review: Avian Influenza and Pandemic Planning is produced by:

iJET Intelligent Risk Systems

910F Bestgate Road, Annapolis, Maryland 21401

T 1.877.411.4538 F 1.410.573.3869 www.ijet.com