U.S. Department of Health and Human Services
Centers for Disease Control and Prevention

Form Approved
OMB No. 0920-0978
Exp. Date 08/31/2016

Case ID:__ __ 1 3 1 4 __ __

2013-14 FluSurv-NET Influenza Hospitalization Surveillance Project Case Report Form

A. Patient Data – THIS INFORMATION IS NOT SENT TO CDC

Last Name:	**First Name:**	**Phone Number 1:**	**Phone Number 2:**
Street Address:		**City:**	**Zip:**
Chart Number		**Census Tract:**	
Emergency Contact 1:		**Emergency Contact Phone:**	
Primary Provider Name:	**Provider Phone Number:**	**Provider Fax Number:**	
Site Use 1:	**Site Use 2:**	**Site Use 3:**	

B. Reporter Information – THIS INFORMATION IS NOT SENT TO CDC

1. Reporter Name: ______________________________________

2. Date Reported: ____/ ____/ ____

C. Enrollment Information

1. Case Classification: ☐ Prospective Surveillance ☐ Discharge Audit

2. Admission Type: ☐ Hospitalization ☐ Observation Only

3. County:

4. State:

5. Case Type: ☐ Pediatric ☐ Adult

6. Date of Birth: ____/ ____/ ____

7. Age: __________ ☐ Years ☐ Months (if < 1 yr) ☐ Days (if < 1 month)

8. Sex: ☐ Male ☐ Female

9. Race: ☐ White ☐ Black or African American ☐ Asian/Pacific Islander ☐ American Indian or Alaska Native ☐ Multiracial ☐ Not specified

10. Ethnicity: ☐ Hispanic or Latino ☐ Non-Hispanic or Latino ☐ Not Specified

11. Hospital ID Where Patient Treated: ___________

11a. Admission Date: _____/ _____/ _____

11b. Discharge Date: _____/ _____/ _____

12. Was patient transferred from another hospital? ☐ Yes ☐ No ☐ Unknown

12a. Transfer Hospital ID: _____________

12b. Transfer Hospital Admission Date: _____/ _____/ _____

12c. Transfer Date: _____/ _____/ _____

13. Where did patient reside at the time of hospitalization? Indicate TYPE of residence.

☐ Private residence ☐ Rehabilitation facility ☐ Group home/Retirement home ☐ Assisted living/Residential care
☐ Homeless/Shelter ☐ Nursing home ☐ Unknown ☐ Other, specify: ____________________

13a. If resident of a facility, indicate NAME of facility: ____

D. Influenza Testing Results

1. Test 1: ☐ Rapid ☐ RT-PCR ☐ Viral Culture ☐ Serology ☐ Fluorescent Antibody ☐ Method Unknown/Note Only

1a. Result: ☐ Flu A (not subtyped) ☐ Flu B ☐ Flu A & B ☐ Flu A/B (Not Distinguished)
☐ 2009 H1N1 ☐ H1, Seasonal ☐ H1, Unspecified ☐ H3 ☐ Flu A, Unsubtypable
☐ Negative ☐ Unknown ☐ Other, specify: ____

1b. Specimen collection date: ___/___/ ___ **1c. Testing facility ID:** _________________ **1d. Specimen ID:** ______________________

2. Test 2: ☐ Rapid ☐ RT-PCR ☐ Viral Culture ☐ Serology ☐ Fluorescent Antibody ☐ Method Unknown/Note Only

2a. Result: ☐ Flu A (not subtyped) ☐ Flu B ☐ Flu A & B ☐ Flu A/B (Not Distinguished)
☐ 2009 H1N1 ☐ H1, Seasonal ☐ H1, Unspecified ☐ H3 ☐ Flu A, Unsubtypable
☐ Negative ☐ Unknown ☐ Other, specify: ____

2b. Specimen collection date: ___/___/ ___ **2c. Testing facility ID:** _________________ **2d. Specimen ID:** ______________________

3. Test 3: ☐ Rapid ☐ RT-PCR ☐ Viral Culture ☐ Serology ☐ Fluorescent Antibody ☐ Method Unknown/Note Only

3a. Result: ☐ Flu A (not subtyped) ☐ Flu B ☐ Flu A & B ☐ Flu A/B (Not Distinguished)
☐ 2009 H1N1 ☐ H1, Seasonal ☐ H1, Unspecified ☐ H3 ☐ Flu A, Unsubtypable
☐ Negative ☐ Unknown ☐ Other, specify: ____

3b. Specimen collection date: ___/___/ ___ **3c. Testing facility ID:** _________________ **3d. Specimen ID:** ______________________

4. Test 4: ☐ Rapid ☐ RT-PCR ☐ Viral Culture ☐ Serology ☐ Fluorescent Antibody ☐ Method Unknown/Note Only

4a. Result: ☐ Flu A (not subtyped) ☐ Flu B ☐ Flu A & B ☐ Flu A/B (Not Distinguished)
☐ 2009 H1N1 ☐ H1, Seasonal ☐ H1, Unspecified ☐ H3 ☐ Flu A, Unsubtypable
☐ Negative ☐ Unknown ☐ Other, specify: ____

4b. Specimen collection date: ___/___/ ___ **4c. Testing facility ID:** _________________ **4d. Specimen ID:** ______________________

Public reporting burden of this collection of information is estimated to average 15 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. An agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a currently valid OMB control number. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to CDC/ATSDR Information Collection Review Office, 1600 Clifton Road NE, MS D-74, Atlanta, Georgia 30333; ATTN: PRA (0920-0978).

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E. Admission and Patient History

1. Was patient discharged from any hospital within one week prior to the current admission date? ☐ Yes ☐ No ☐ Unknown

2. Acute conditions at admission (Check all that apply):
☐ Acute respiratory illness ☐ Asthma and/or COPD exacerbation ☐ Fever ☐ Pneumonia
☐ Other respiratory or cardiac conditions ☐ Other, neither respiratory nor cardiac conditions ☐ Unknown

3. Date of onset of acute respiratory symptoms: ____/ ____/ ____ ☐ Unknown
3a. If no respiratory symptoms, date of onset of acute illness resulting in hospitalization: ____/ ____/ ____ ☐ Unknown

4. Body Mass Index: ☐ Unknown
5. Height: ☐ Inches ☐ Cm ☐ Unknown
6. Weight: ☐ Lbs ☐ Kg ☐ Unknown

7. Smoker: ☐ Current ☐ Former ☐ No/Unknown
8. Alcohol abuse: ☐ Current ☐ Former ☐ No/Unknown

9. Did patient have any of the following pre-existing medical conditions? Check all that apply. ☐ Yes ☐ No ☐ Unknown

9a Asthma/Reactive Airway Disease ☐ Yes ☐ No/Unknown

9b. Chronic Lung Disease ☐ Yes ☐ No/Unknown
☐ Cystic fibrosis
☐ Emphysema/COPD
☐ Other, specify____

9c. Chronic Metabolic Disease ☐ Yes ☐ No/Unknown
☐ Diabetes
☐ Thyroid dysfunction
☐ Other, specify____

9d. Blood disorders/Hemoglobinopathy ☐ Yes ☐ No/Unknown
☐ Sickle cell disease
☐ Splenectomy/Asplenia
☐ Thrombocytopenia
☐ Other, specify ____

9e. Cardiovascular Disease ☐ Yes ☐ No/Unknown
☐ Atherosclerotic cardiovascular disease (ASCVD)
☐ Cerebral vascular incident/Stroke
☐ Congenital heart disease
☐ Coronary artery disease (CAD)
☐ Heart failure/CHF
☐ Other, specify ____

9f. Neuromuscular disorder ☐ Yes ☐ No/Unknown
☐ Duchenne muscular dystrophy
☐ Muscular dystrophy
☐ Multiple sclerosis
☐ Mitochondrial disorder
☐ Myasthenia gravis
☐ Other, specify: ____________________________________

9g. Neurologic disorder ☐ Yes ☐ No/Unknown
☐ Cerebral palsy
☐ Cognitive dysfunction
☐ Dementia
☐ Developmental delay
☐ Down syndrome
☐ Plegias/Paralysis
☐ Seizure/Seizure disorder
☐ Other, specify: ____________________________________

9h History of Guillain-Barré Syndrome ☐ Yes ☐ No/Unknown

9i. Immunocompromised Condition ☐ Yes ☐ No/Unknown
☐ AIDS or CD4 count < 200
☐ Cancer diagnosis in last 12 months
☐ Complement deficiency
☐ HIV Infection
☐ Immunoglobulin deficiency
☐ Immunosuppressive therapy
☐ Organ transplant
☐ Stem cell transplant (e.g., bone marrow transplant)
☐ Steroid therapy (taken within 2 weeks of admission)
☐ Other, specify____

9j. Renal Disease ☐ Yes ☐ No/Unknown
☐ Chronic kidney disease/chronic renal insufficiency
☐ End stage renal disease/Dialysis
☐ Glomerulonephritis
☐ Nephrotic syndrome
☐ Other, specify ________________________________

9k. Other ☐ Yes ☐ No/Unknown
☐ Liver disease (e.g., cirrhosis, chronic hepatitis, hepatitis C)
☐ Morbidly obese (ADULTS ONLY)
☐ Obese
☐ Pregnant
☐ If pregnant, specify gestational age in weeks: ___________
☐ Unknown gestational age
☐ Post-partum (two weeks or less)
☐ Other, specify ____
____
____

9l. PEDIATRIC CASES ONLY
Abnormality of upper airway ☐ Yes ☐ No/Unknown
History of febrile seizures ☐ Yes ☐ No/Unknown
Long-term aspirin therapy ☐ Yes ☐ No/Unknown
Premature ☐ Yes ☐ No/Unknown
(gestation age < 37 weeks at birth for patients < 2yrs)
If yes, specify gestation age at birth in weeks: ________________
☐ Unknown gestational age at birth

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F. Intensive Care Unit and Interventions

1. Was the patient admitted to an intensive care unit (ICU)? ☐ Yes ☐ No ☐ Unknown

1a. Number of ICU Admissions __________ ☐ Unknown

1b. Date of first ICU Admission: ____/____/____ ☐ Unknown **1c. Date of first ICU Discharge** ____/____/____ ☐ Unknown

2. Did patient receive mechanical ventilation? ☐ Yes ☐ No ☐ Unknown

3. Did patient receive extracorporeal membrane oxygenation (ECMO or 'on bypass')? ☐ Yes ☐ No ☐ Unknown

G. Bacterial Pathogens – *Sterile or respiratory site only*

1. Were any bacterial culture tests performed with a collection date within three days of admission? ☐ Yes ☐ No ☐ Unknown

2. If yes, was there a positive culture for a bacterial pathogen? ☐ Yes ☐ No ☐ Unknown

3a. If yes, specify Pathogen 1: ____ **3b. Date of culture:** ____/ ____/ ____

3c. Site where pathogen identified: ☐ Blood ☐ Cerebrospinal fluid (CSF) ☐ Bronchoalveolar lavage (BAL) ☐ Sputum ☐ Pleural fluid ☐ Endotracheal aspirate ☐ Other, specify: ________________

3d. If Staphylococcus aureus, specify: ☐ Methicillin resistant (MRSA) ☐ Methicillin sensitive (MSSA) ☐ Sensitivity unknown

3e. If Haemophilus influenzae, specify if type B: ☐ Yes ☐ No ☐ Unknown

3f. If Neisseria meningitidis, specify serogroup: ☐ B ☐ C ☐ Y ☐ Other, specify: ____________ ☐ Unknown

4a. Specify Pathogen 2: ____ **4b. Date of culture:** ____/ ____/ ____

4c. Site where pathogen identified: ☐ Blood ☐ Cerebrospinal fluid (CSF) ☐ Bronchoalveolar lavage (BAL) ☐ Sputum ☐ Pleural fluid ☐ Endotracheal aspirate ☐ Other, specify: ____________________

4d. If Staphylococcus aureus, specify: ☐ Methicillin resistant (MRSA) ☐ Methicillin sensitive (MSSA) ☐ Sensitivity unknown

4e. If Haemophilus influenzae, specify if type B: ☐ Yes ☐ No ☐ Unknown

4f. If Neisseria meningitidis, specify serogroup: ☐ B ☐ C ☐ Y ☐ Other, specify: ____________ ☐ Unknown

H. Viral Pathogens

1. Was patient tested for any of the following viral respiratory pathogens *within 3 days* of admission? ☐ Yes ☐ No ☐ Unknown

Pathogen				
1a. Respiratory syncytial virus/RSV	☐ Yes, positive	☐ Yes, negative	☐ Not tested/Unknown	**Date**: ____/____/____
1b. Adenovirus	☐ Yes, positive	☐ Yes, negative	☐ Not tested/Unknown	**Date**: ____/____/____
1c. Parainfluenza 1	☐ Yes, positive	☐ Yes, negative	☐ Not tested/Unknown	**Date**: ____/____/____
1d. Parainfluenza 2	☐ Yes, positive	☐ Yes, negative	☐ Not tested/Unknown	**Date**: ____/____/____
1e. Parainfluenza 3	☐ Yes, positive	☐ Yes, negative	☐ Not tested/Unknown	**Date**: ____/____/____
1f. Human metapneumovirus	☐ Yes, positive	☐ Yes, negative	☐ Not tested/Unknown	**Date**: ____/____/____
1g. Rhinovirus	☐ Yes, positive	☐ Yes, negative	☐ Not tested/Unknown	**Date**: ____/____/____
1h. Other, specify: ______________	☐ Yes, positive	☐ Yes, negative	☐ Not tested/Unknown	**Date**: ____/____/____

I. Influenza Treatment

1. Did patient receive antiviral medication treatment for influenza during the course of this illness? ☐ Yes ☐ No ☐ Unknown

2a. Treatment 1: ☐ Oseltamivir (Tamiflu) ☐ Zanamivir (Relenza) ☐ Other, specify: ______________________ ☐ Amantadine (Symmetrel) ☐ Rimantadine (Flumadine) ☐ Unknown

2b. Method of Administration: ☐ Oral ☐ Intravenous (IV) ☐ Inhaled ☐ Unknown

2c. Start Date: ___/____/____ **2d. End Date:** ____/____/____ **2e. Dose** ________________ **2f. Frequency**: ________________

☐ Start Date Unknown ☐ End Date Unknown ☐ Dose Unknown ☐ Frequency Unknown

3a. Treatment 2: ☐ Oseltamivir (Tamiflu) ☐ Zanamivir (Relenza) ☐ Other, specify: ______________________ ☐ Amantadine (Symmetrel) ☐ Rimantadine (Flumadine) ☐ Unknown

3b. Method of Administration: ☐ Oral ☐ Intravenous (IV) ☐ Inhaled ☐ Unknown

3c. Start Date: ___/____/____ **3d. End Date:** ____/____/____ **3e. Dose** ________________ **3f. Frequency**: ________________

☐ Start Date Unknown ☐ End Date Unknown ☐ Dose Unknown ☐ Frequency Unknown

4a. Treatment 3: ☐ Oseltamivir (Tamiflu) ☐ Zanamivir (Relenza) ☐ Other, specify: ______________________ ☐ Amantadine (Symmetrel) ☐ Rimantadine (Flumadine) ☐ Unknown

4b. Method of Administration: ☐ Oral ☐ Intravenous (IV) ☐ Inhaled ☐ Unknown

4c. Start Date: ___/____/____ **4d. End Date:** ____/____/____ **4e. Dose** ________________ **4f. Frequency**: ________________

☐ Start Date Unknown ☐ End Date Unknown ☐ Dose Unknown ☐ Frequency Unknown

5a. Treatment 4: ☐ Oseltamivir (Tamiflu) ☐ Zanamivir (Relenza) ☐ Other, specify: ______________________ ☐ Amantadine (Symmetrel) ☐ Rimantadine (Flumadine) ☐ Unknown

5b. Method of Administration: ☐ Oral ☐ Intravenous (IV) ☐ Inhaled ☐ Unknown

5c. Start Date: ___/____/____ **5d. End Date:** ____/____/____ **5e. Dose** ________________ **5f. Frequency**: ________________

☐ Start Date Unknown ☐ End Date Unknown ☐ Dose Unknown ☐ Frequency Unknown

6. Additional Treatment Comments:

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J. Chest Radiograph – *Based on radiology report only*

1. Was a chest x-ray taken *within 3 days* of admission? ☐ Yes ☐ No ☐ Unknown

2. Were any of these chest x-rays abnormal? ☐ Yes ☐ No ☐ Unknown

2a. Date of first abnormal chest x-ray: ____/____/____

2b. For first abnormal chest x-ray, please check all that apply:

☐ Report not available ☐ Consolidation ☐ Interstitial infiltrate
☐ Air space density/opacity ☐ Atelectasis ☐ Pleural effusion/empyema
☐ Bronchopneumonia/pneumonia ☐ Cavitation ☐ Lobar (NOT interstitial) infiltrate
☐ Cannot rule out pneumonia ☐ ARDS (acute respiratory distress syndrome) ☐ Other

2c. Please specify location for bronchopneumonia/pneumonia/consolidation/lobar infiltrate/air space density/opacity:

☐ Single lobar ☐ Multiple lobar (unilateral) ☐ Multiple lobar (bilateral) ☐ Unknown

K. Discharge Summary

1. Did the patient have any of the following diagnoses at discharge (check all that apply)?

Diagnosis				Diagnosis			
Pneumonia	☐ Yes	☐ No	☐ Unknown	Stroke (CVI)	☐ Yes	☐ No	☐ Unknown
Guillain-Barré syndrome	☐ Yes	☐ No	☐ Unknown	Acute myocarditis	☐ Yes	☐ No	☐ Unknown
Acute encephalopathy/ encephalitis	☐ Yes	☐ No	☐ Unknown	Acute respiratory distress syndrome (ARDS)	☐ Yes	☐ No	☐ Unknown
Seizures	☐ Yes	☐ No	☐ Unknown	Bronchiolitis	☐ Yes	☐ No	☐ Unknown
Reye's syndrome	☐ Yes	☐ No	☐ Unknown	Hemophagocytic syndrome	☐ Yes	☐ No	☐ Unknown

2. What was the outcome of the patient? ☐ Alive ☐ Deceased ☐ Unknown

2a. If discharged alive, please indicate to where:

☐ Home ☐ Other hospital ☐ Hospice/Home hospice ☐ Homeless/Shelter
☐ Rehabilitation Facility ☐ Group home/Retirement home ☐ Assisted living/Residential Care ☐ Unknown
☐ Home with Services ☐ Nursing home ☐ Other, specify: ______________________

3. If patient was pregnant on admission, indicate pregnancy status at discharge: ☐ Still pregnant ☐ No longer pregnant ☐ Unknown

3a. If patient was pregnant on admission but no longer pregnant at discharge, indicate pregnancy outcome at discharge:

☐ Miscarriage ☐ Ill newborn ☐ Newborn died ☐ Healthy newborn ☐ Abortion ☐ Unknown

4. Additional notes regarding discharge: ____

L. ICD-9 or ICD-10 Discharge Diagnoses – *To be recorded in order of appearance*

Version: ☐ ICD-9 ☐ ICD-10			
	1.	4.	7.
	2.	5.	8.
	3.	6.	9.

M. Vaccination History

1. Did patient receive the influenza vaccine for the current influenza season? ☐ Yes ☐ No ☐ Unknown

Specify vaccination status and date(s) by source:

2. Medical Chart ☐ Yes ☐ Yes, specific date unknown ☐ No ☐ Unknown ☐ Not Checked
2a. If yes, specify dosage date information: 1) ___/___/___ ☐ Date Unknown 2) (Pediatrics Only) ___/___/___ ☐ Date Unknown

3.Vaccine Registry ☐ Yes ☐ Yes, specific date unknown ☐ No ☐ Unknown ☐ Not Checked
3a. If yes, specify dosage date information: 1) ___/___/___ ☐ Date Unknown 2) (Pediatrics Only) ___/___/___ ☐ Date Unknown

4. Primary Care Provider / Long-term Care Facility ☐ Yes ☐ Yes, specific date unknown ☐ No ☐ Unknown ☐ Not Checked
4a. If yes, specify dosage date information: 1) ___/___/___ ☐ Date Unknown 2) (Pediatrics Only) ___/___/___ ☐ Date Unknown

5. Interview: ☐ Patient ☐ Proxy ☐ Yes ☐ Yes, specific date unknown ☐ No ☐ Unknown ☐ Not Checked
5a. If yes, specify dosage date information: 1) ___/___/___ ☐ Date Unknown 2) (Pediatrics Only) ___/___/___ ☐ Date Unknown

6. Other, specify: ______________________ ☐ Yes ☐ Yes, specific date unknown ☐ No ☐ Unknown ☐ Not Checked
6a. If yes, specify dosage date information: 1) ___/___/___ ☐ Date Unknown 2) (Pediatrics Only) ___/___/___ ☐ Date Unknown

7. If patient < 9 years, did patient receive any seasonal influenza vaccine in previous seasons? ☐ Yes ☐ No ☐ Unknown

N. Miscellaneous

1. Case Finding: ☐ Hospital Log ☐ Laboratory List ☐ Discharge Database ☐ Reportable Disease ☐ Other, specify: ___________

2. Additional Comments: