

# CEIRS NETWORK DATA FLOW

## Publications

Researchers publish findings in peer reviewed journals. Ten journals featuring published CEIRS research are shown.



2,500+ Journal Articles

## CEIRS DPCC

Data from the CEIRS Network flows through the Data Processing & Coordinating Center (DPCC) then to data repositories for use by the broader scientific community.

## Human Studies

CEIRS conducts & shares data on human studies aiming to understand influenza transmission, severity, & immunity.



16,680+ Subjects Enrolled in CEIRS Clinical Protocols

## Reagents

Reagents generated by CEIRS including viruses & cell lines are available for request at [niaidceirs.org](http://niaidceirs.org).



575+ Cell lines & Ferret Tissues



13,400+ Virus Isolates, Plasmids, Proteins, & Antibodies

## Sequences

CEIRS-generated sequences deposited in GenBank are a valuable resource for analyzing influenza's genetic code.



13,400+ Genomes  
119,600+ Segments



Data deposited within 45 Days

## Surveillance Samples

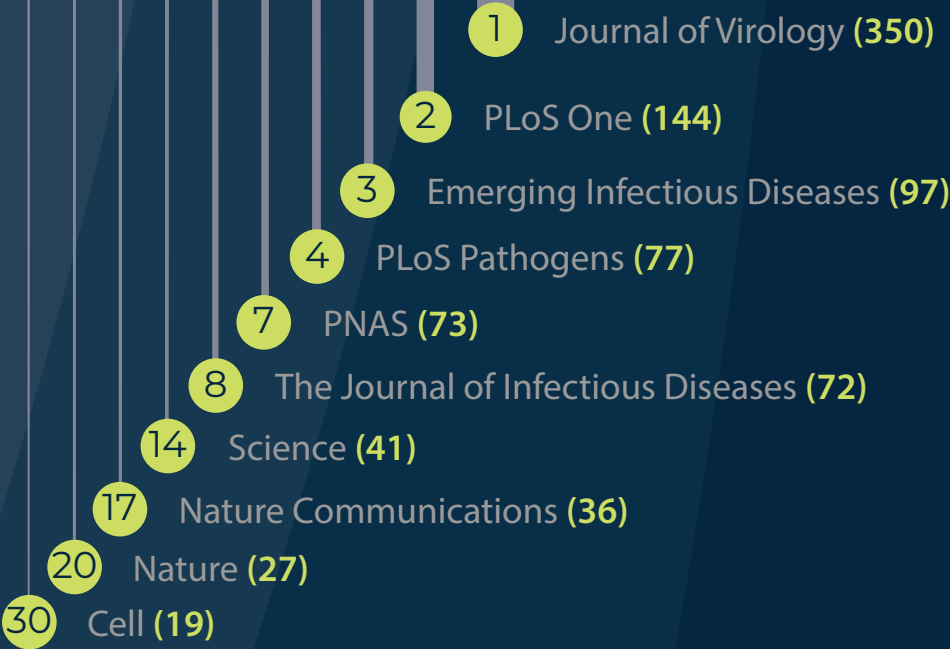
The Network shares surveillance data revealing where & when influenza is circulating with the Influenza Research Database (IRD).



1,761,500+ Surveillance, Viral Isolate, & Serology Samples



Data deposited within 365 Days



(#) No. of articles published in each journal citing a CEIRS contract  
# Ranking based on No. of publications among the 329 journals featuring CEIRS-funded research

## DATA MANAGEMENT IN CEIRS

### Data Managers

Each Center has a Data Manager who interfaces with investigators & the DPCC to facilitate data management.

10

CENTER DATA MANAGERS

### Data Standards

DPCC & CEIRS scientists collaborate to develop new standards to organize data & capture scientific advances.

20

SCIENTIFIC DATA STANDARDS

### IT Infrastructure

Custom IT systems streamline & support rapid data submission by aligning with scientific workflows.

212

REGISTERED DPCC PORTAL USERS

### QA & QC

Automated quality assurance (QA) & manual quality control (QC) ensure uniform data for scientists worldwide.

1,129

SUBMISSIONS REVIEWED IN QC