

TRAFFIC RECORDS UPDATE

APRIL 17, 2009

TRAFFIC RECORDS Update

Submission Rates

	2008	1 st Quarter 2009
Total Crash Submissions	205,341	50,121
Electronic Crash Submissions	201,111	49,674
Percentage Electronic	98.13%	99.11%

452 Law Enforcement Agencies Submitted Reports in 2009

92 of 92 Sheriffs Agencies Submitting Electronically

25 local law enforcement agencies still paper



TRAFFIC RECORDS

Update

ARIES 2009

The next version of the ARIES electronic crash reporting program will provide law enforcement officers enhancements to reduce the time it takes to complete and supplement an electronic crash report.

Additional fields will improve the data being collected which will assist in engineering and enforcement. The following slides will explain changes along with a description as to the benefit for those involved.



ARIES 2009

The enhancements to the state of Indiana crash report being instituted in ARIES 2009 has been a result of agencies recommendations over a period of time. These agencies are:

- Local Law Enforcement agencies
- VOLPE/FMCSA Commercial Crash report review in July 2007
- NHTSA Traffic Records Assessment, March 2008
- Traffic Records Coordinating Committee (TRCC)
- Crash Records Assessment Committee
- Purdue University Center for Road Safety
- IUPUI Center for Criminal Justice Research
- ICJI Traffic Safety Division Staff

ARIES 2009

The timeline for deployment will be:

Development Phase: March 1st to July 1st

Pilot test of program: July 1st to October 1st

Deployment to all agencies: October 1st

In-service training provided to agencies: Sept. 1st

Update on-line ARIES manual: Sept. 1st

The following is a list of the enhancements that will be implemented in ARIES 2009.

ARIES 2009

**Bar code scanning capability in the front
end of the ARIES application.**

Upon scanning, license and registration of the driver and unit, the information is stored in a notepad function. This permits the officer to store the information in the application. Upon returning to complete report after scene clearance, arrest, etc., the information is then move to appropriate driver and unit area within report.

ARIES 2009

**Bar code scanning capability in the front
end of the ARIES application.**

The investigating officer will be permitted to print a Driver Information Sheet from the stored information and provide to participants.

This will eliminate having to produce several pages of the report before having the scanning ability.

Time saved, scene cleared more quickly !!!!!

Source: Officers request




Quick Capture – Unit


Collision Date: Agency:

Collision Time: AM PM Roadway:

Local ID: Intersect:

General
Narrative
Driver Info

 Add Unit
  Add Person
  Remove

 Unit 1 - 2000 FORD BRONCO II

Unit:	<input type="text" value="1"/>	Commercial Vehicle?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Type:	<input type="text" value="Truck (single 2 Axle, 6 Tires)"/>	Insurer	
Year:	<input type="text" value="2000"/>	Name:	<input type="text" value="ALLSTATE"/>
Make:	<input type="text" value="FORD"/>	Phone:	<input type="text" value="317"/> <input type="text" value="299"/> <input type="text" value="0299"/>
Model:	<input type="text" value="BRONCO II"/>	Policy No.:	<input type="text" value="ABC9A9DFA"/>
VIN No.:	<input type="text" value="92882309890098"/>		
Color:	<input type="text" value="WHITE"/>		
Style:	<input type="text" value="4-door"/>		
License State:	<input type="text" value="IN"/>		
License No.:	<input type="text" value="909ADAG0032"/>		
License Year:	<input type="text" value="2008"/>		
No. Axles:	<input type="text" value="2"/>		

Quick Capture - Driver

Quick Capture

Collision Date: Agency:

Collision Time: AM PM Roadway:

Local ID: Intersect:

General | Narrative | Driver Info

Type: Driver is also Owner

Unit:

Last Name:

First Name: MI: Filial:

Address:

City:

State:

Zip:

Gender:

Birthdate:

Driver License Information

No.: State:

Type: CDL Class:

ARIES 2009

Previous version of ARIES did not allow the selection of a primary cause factor to a pedestrian and or non-motorized cyclist.

The ARIES 2009 application will permit the appropriate selection to be made for a primary cause to be assigned.

The inclusion of this selection will allow for the proper documentation of pedestrians or non-motorized cyclist actions, improving the accuracy of the report.

ARIES 2009

Pursuant to a request from the Federal Motor Carrier Safety Administration, the addition as to **why a vehicle is towed** will be added. Example would be: Towed due to disabling damage. This is an element for determining whether this can be a factor in a commercial vehicle crash. Another example would be : Towed due to arrest.

This will improve CV Safetynet data submission accuracy. Source: VOLPE/FMCSA

Towed Indicator

Towed

Towed? Yes No

Towed due to disabling damage? Yes No

To:

By:

Location towed to

Tow Service

ARIES 2009

Sequence of events will be added to the report. Officers will be allowed to select up to 4 sequences pertaining to the vehicle.

- Example:
1. Ran off roadway right
 2. Mailbox
 3. Fence
 4. Tree

ARIES 2009

By having the ability to select up to four sequence of events in a collision, it provides a better understanding of how the crash, damage, and physical injuries occurred.

Sequence of events will improve Indiana's NHTSA MMUCC national compliance ratings.

ARIES 2009

A “Yes or No” indicator for “Taken for immediate medical attention” being added.

This will provide better reporting on incapacitating vs. non-incapacitating for reporting purposes. This also improves the ability to qualify a crash as a commercial vehicle crash for Safetynet submissions for FMCSA.

Immediate Medical Attention

Individual Information	
Pos In/On Vehicle:	Front Left
Ejected/Trapped:	Not Ejected Or Trapped
Location of Most Severe Injury:	
Injury Status:	
Nature of Most Severe Injury:	
Safety Equipment Used:	Lap + Harness
Safety Equipment Effective:	Yes
EMS No.:	
Taken for Immediate Medical Attention:	<input type="checkbox"/> Yes <input type="checkbox"/> No

Click Yes or No

ARIES 2009

Primary Factors: allowing for **certain elements to be selected as a primary factor** in the report. Such factors as alcohol and illegal drugs can only be selected as a contributing factor.

This change will reduce the number of crash reports subject to erroneous primary cause selections.

ARIES 2009

Multiple Circumstances per Driver:

presently 2 factors can be selected in the driver area such as 1: Disregarded signal, and 2: Cell phone usage.

ARIES 2009 will permit up to four (4) circumstances that can be selected.

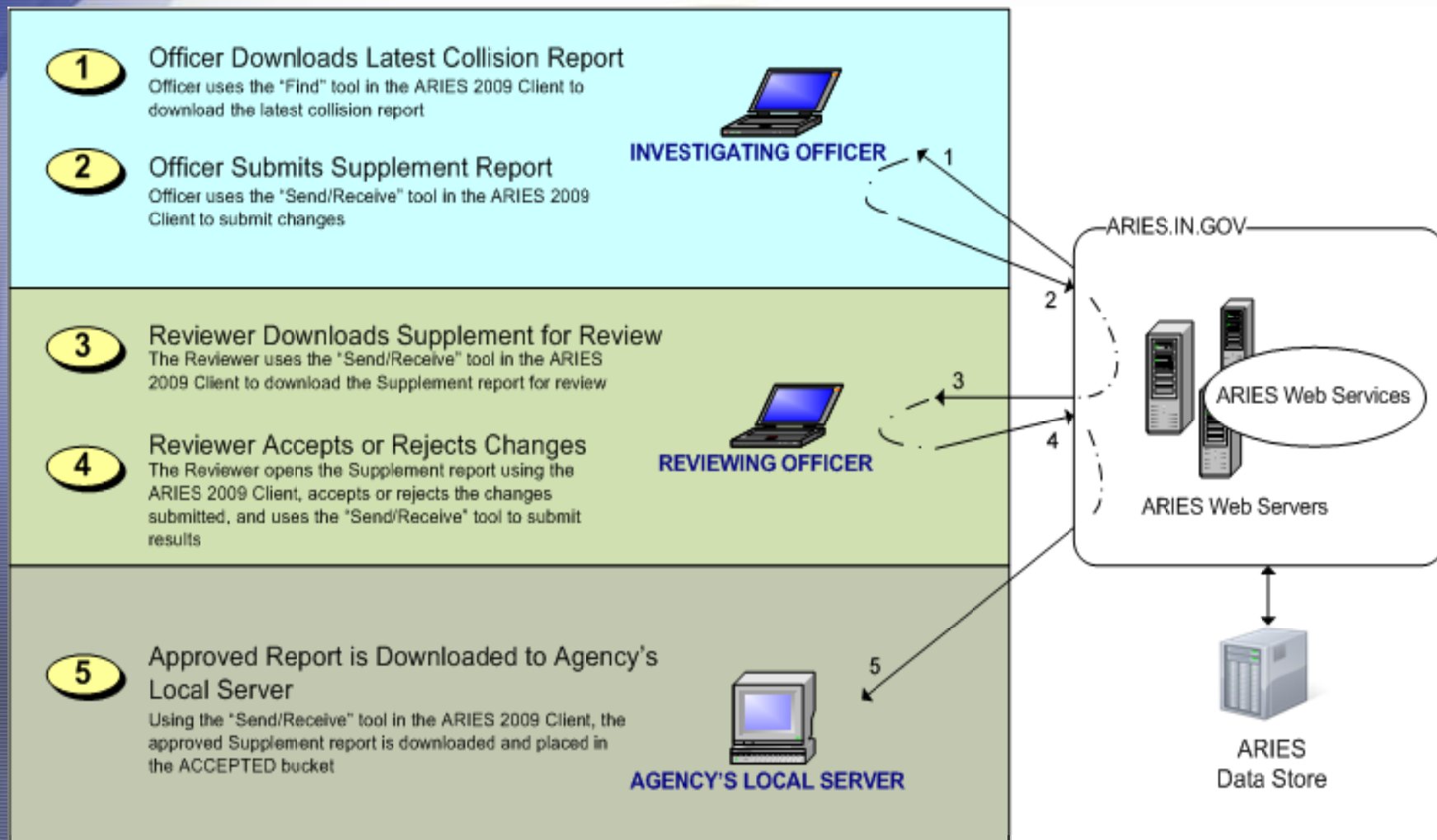
Such as 3: Speed to fast for weather

Gives better and more precise causation.

ARIES 2009

ARIES 2009 will have a **remote supplemental reporting feature**. A reporting officer can log in to ARIES from any internet connection with user name and password. Officer updates/corrects report, submits report. No more having to go back to original transmit computer to supplement crash reports. Saves time, improves reporting capabilities. Great for B.A.C. result submissions.

Remote Supplement Process



Download Supplement Screen

Download Supplement ✖

Criteria

Local Code or MRN:

Date of Collision: To

Date of Processing: To

City:

Township:

Badge Number:

Last Name:

First Name:

License Plate:

Hit and Runs only

Fatalities only

Click the [MRN](#) to PREVIEW the collision report

	MRN	Local Code	City	Date of Collision	Driver 1	Driver 2	Roadway
<input type="button" value="Download"/>	900285292	299382881	Fishers	8/11/2008	Harris, Charles...		Floral Hall PL
<input type="button" value="Download"/>	900285212	029889299	Fishers	8/12/2008	Johnson, R...	Harrison, B...	Brookscool RD
<input type="button" value="Download"/>	900285192	039299293	Fishers	8/20/2008	Harris, Stel...		126TH ST
<input type="button" value="Download"/>	900285312	993828888	Fishers	8/25/2008			Limestone CT

4 items ⋮

Inserts latest report as a SUPPLEMENT in the Officer's NEW bucket



2008 Traffic Safety Projects

If your agency has suggestions on the improvement of the ARIES crash reporting system, contact:

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