

GETAC

Trauma Workgroup Meeting Presentation

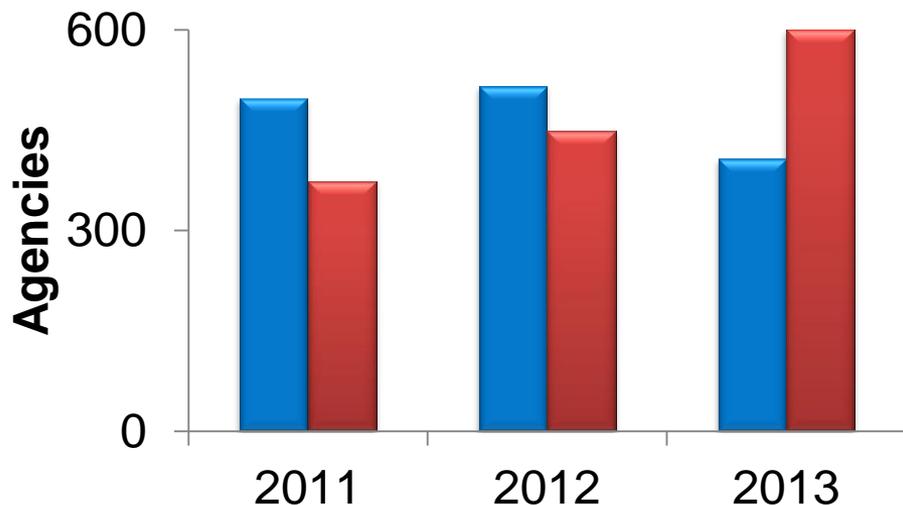
February 12, 2014

*Updated February 20, 2014

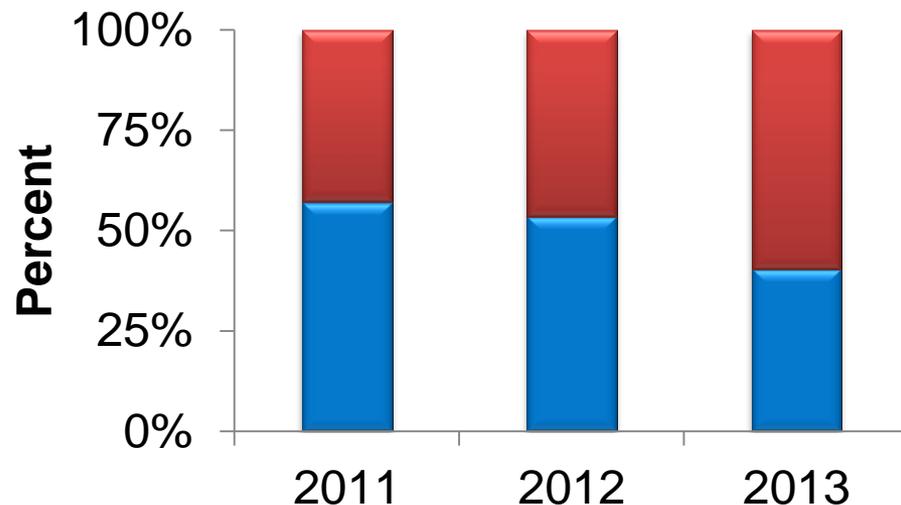
Reporting Status - State and RAC Levels

Reported versus Not Reported Counts and Percentage

Reporting Status



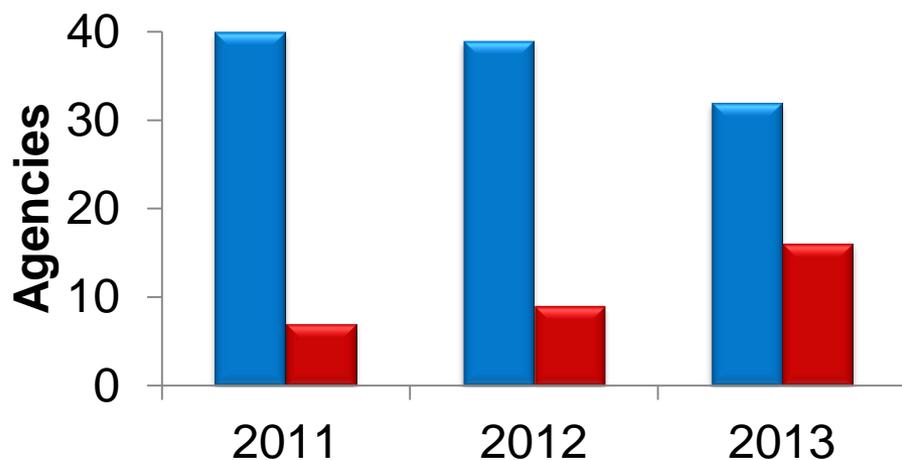
Percent of Agencies Reporting



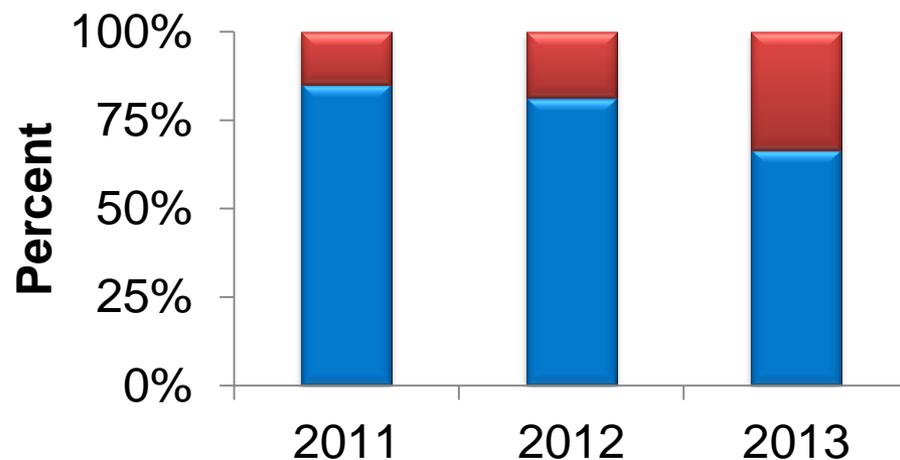
- Reported to Trauma Registry
- Did Not Report to Trauma Registry

Reported versus Not Reported Counts and Percentage

Reporting Status



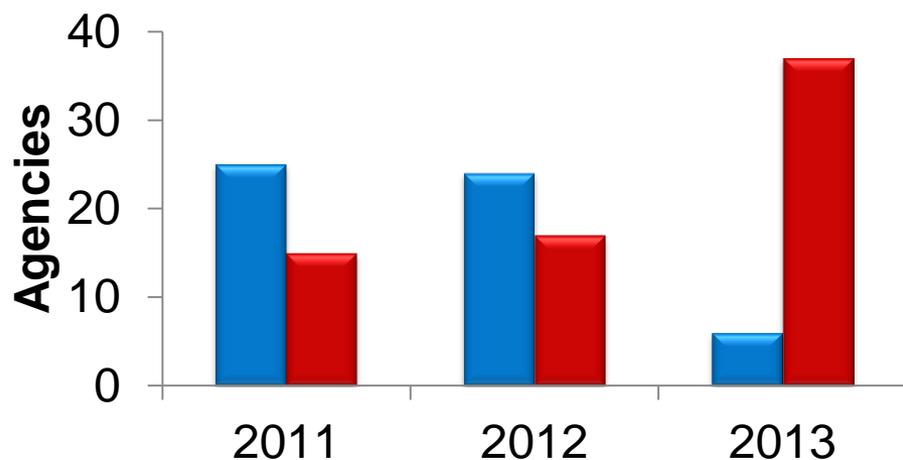
Percent of Agencies Reporting



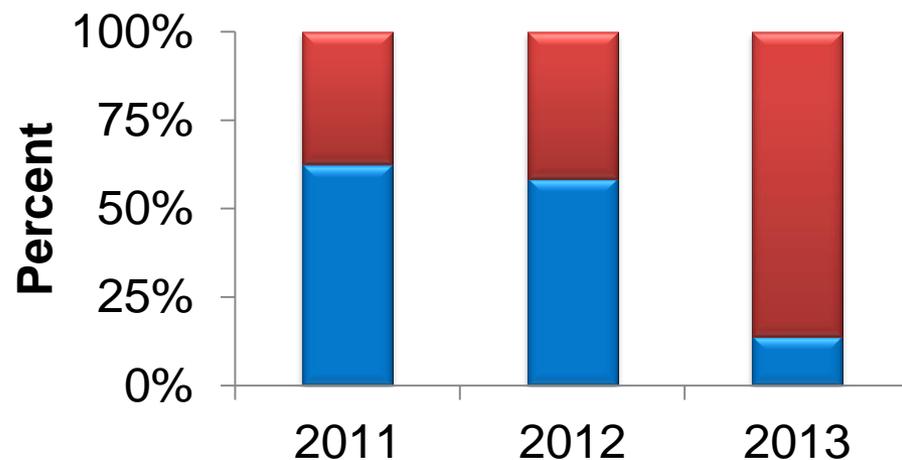
- Reported to Trauma Registry
- Did Not Report to Trauma Registry

Reported versus Not Reported Counts and Percentage

Reporting Status



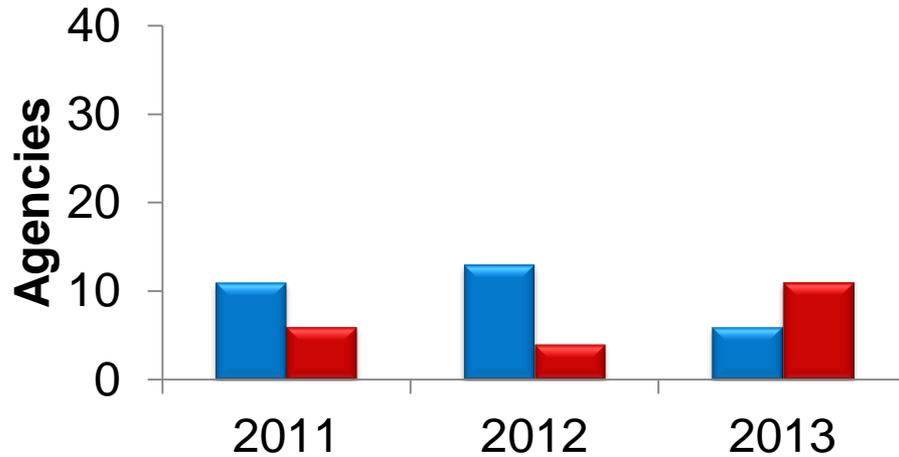
Percent of Agencies Reporting



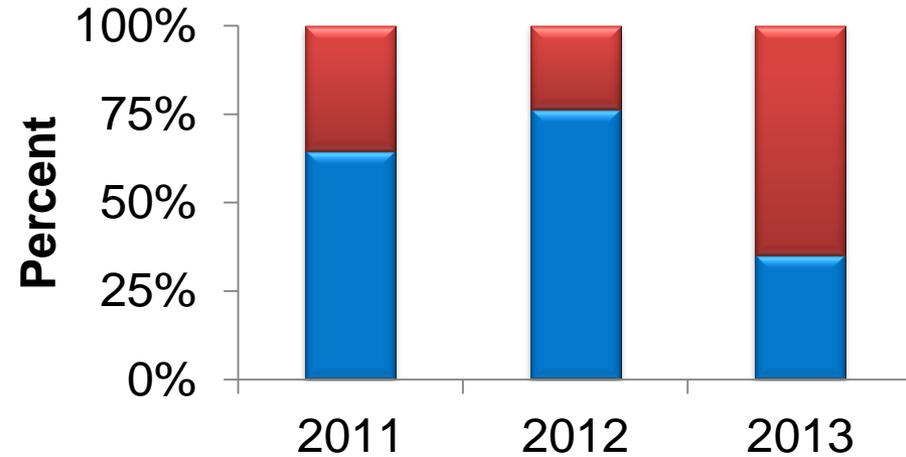
- Reported to Trauma Registry
- Did Not Report to Trauma Registry

Reported versus Not Reported Counts and Percentage

Reporting Status



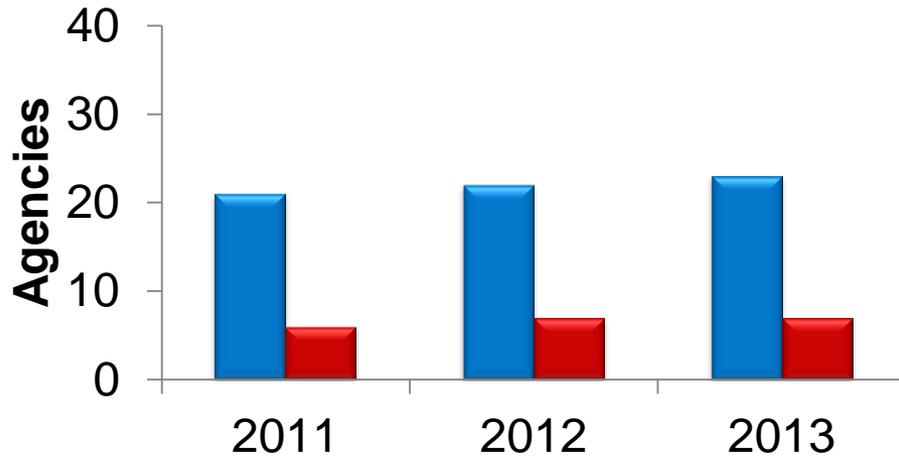
Percent of Agencies Reporting



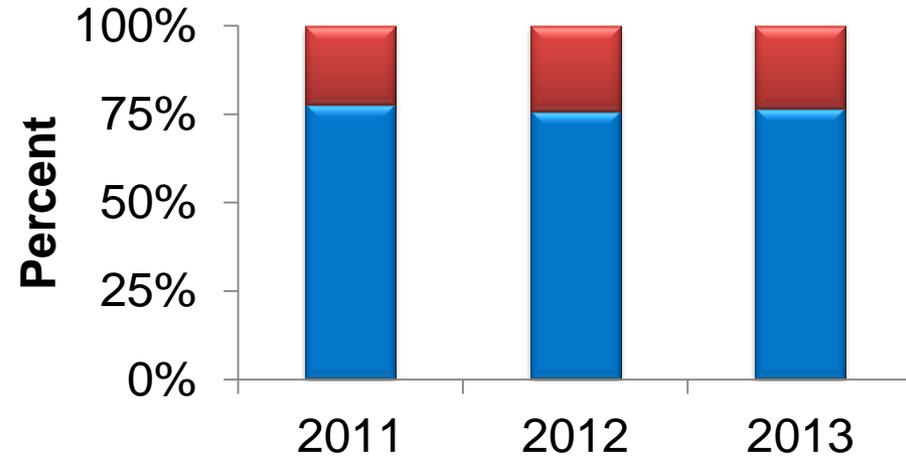
- Reported to Trauma Registry
- Did Not Report to Trauma Registry

Reported versus Not Reported Counts and Percentage

Reporting Status



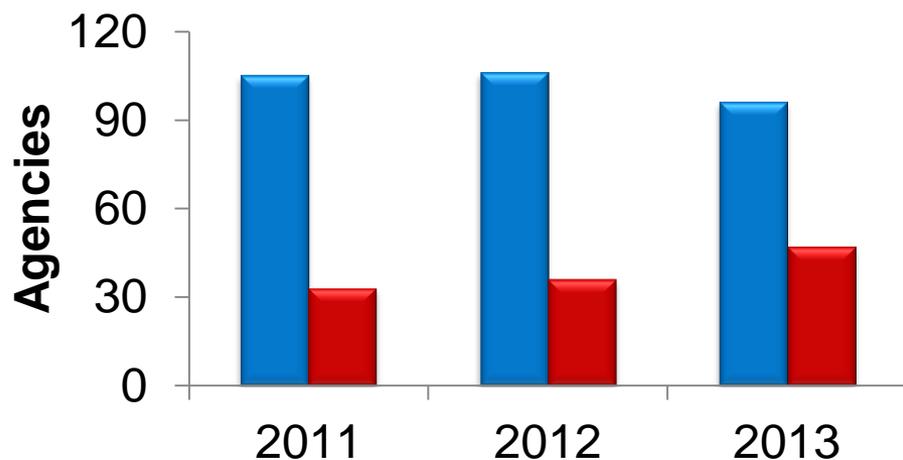
Percent of Agencies Reporting



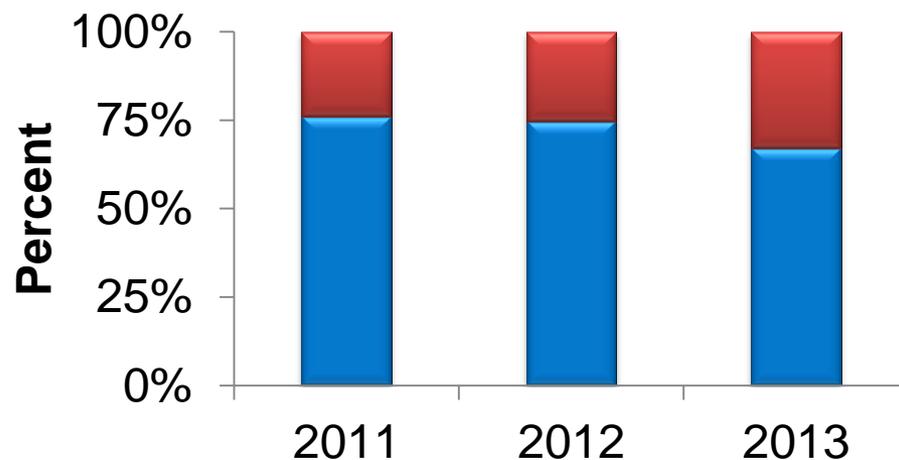
- Reported to Trauma Registry
- Did Not Report to Trauma Registry

Reported versus Not Reported Counts and Percentage

Reporting Status



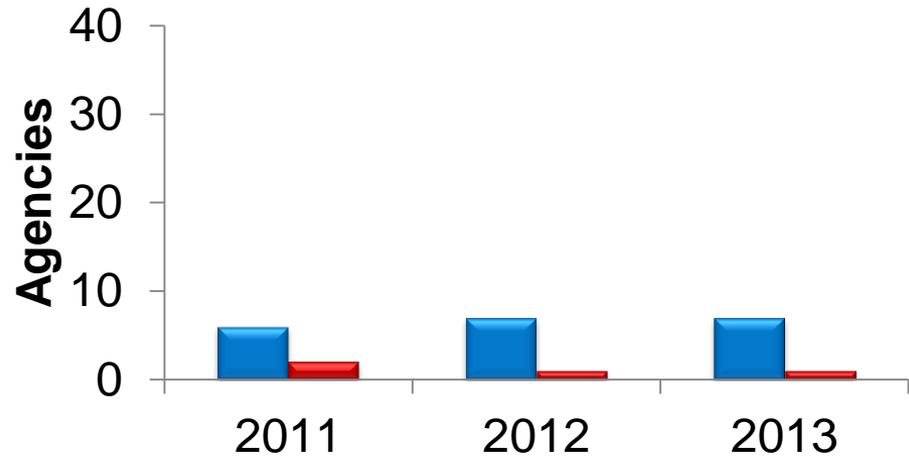
Percent of Agencies Reporting



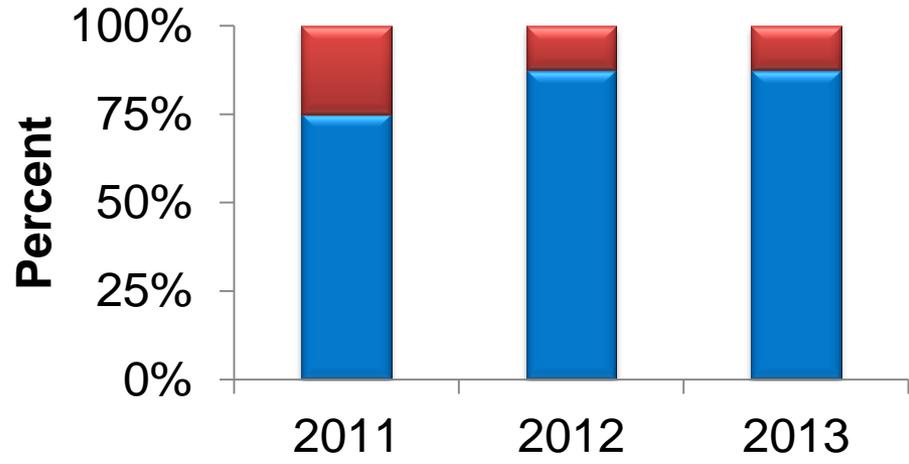
- Reported to Trauma Registry
- Did Not Report to Trauma Registry

Reported versus Not Reported Counts and Percentage

Reporting Status



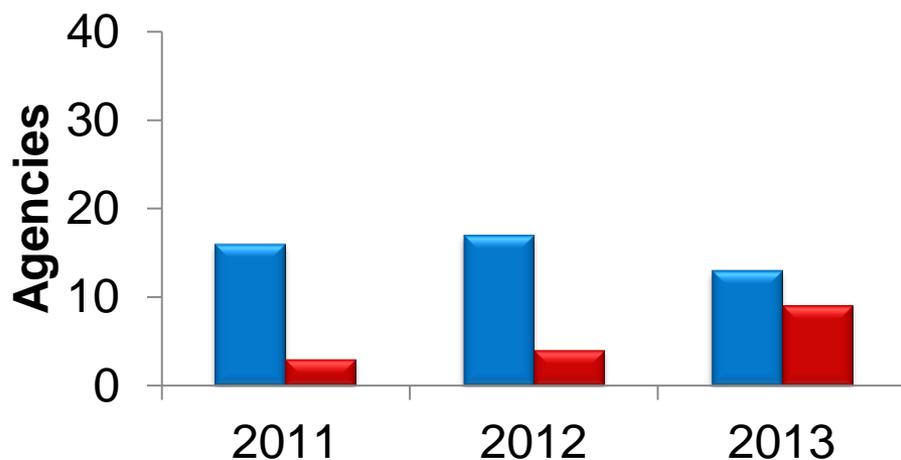
Percent of Agencies Reporting



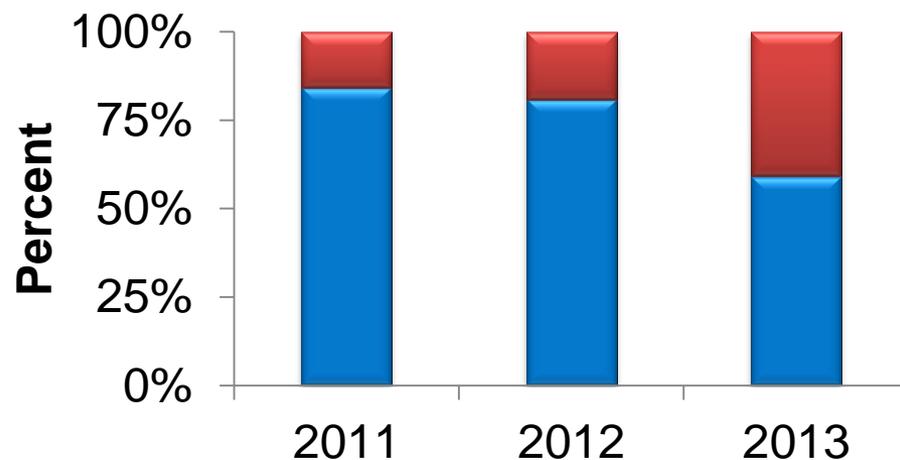
- Reported to Trauma Registry
- Did Not Report to Trauma Registry

Reported versus Not Reported Counts and Percentage

Reporting Status



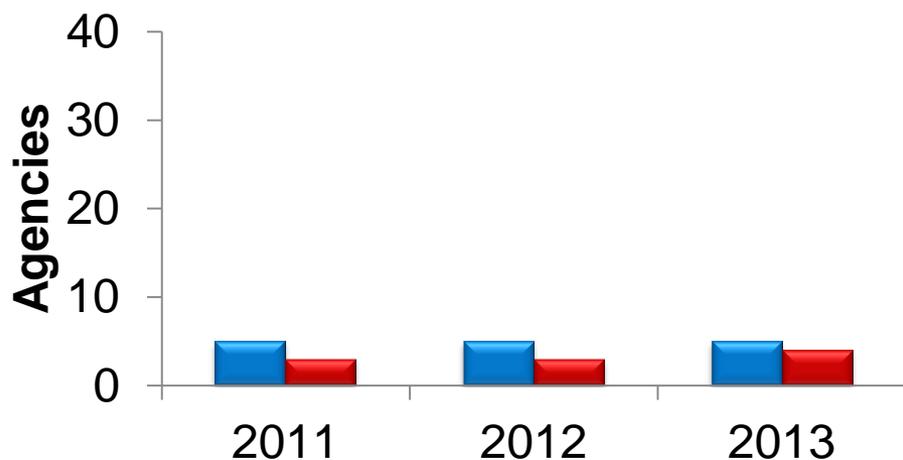
Percent of Agencies Reporting



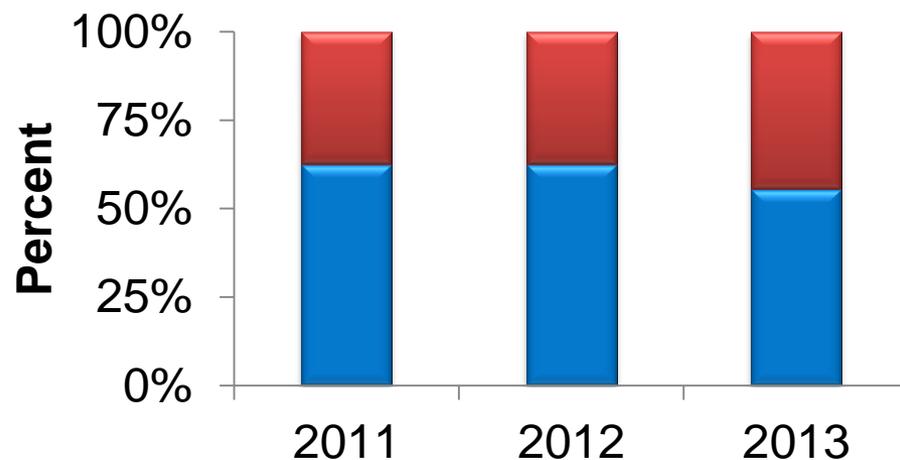
- Reported to Trauma Registry
- Did Not Report to Trauma Registry

Reported versus Not Reported Counts and Percentage

Reporting Status



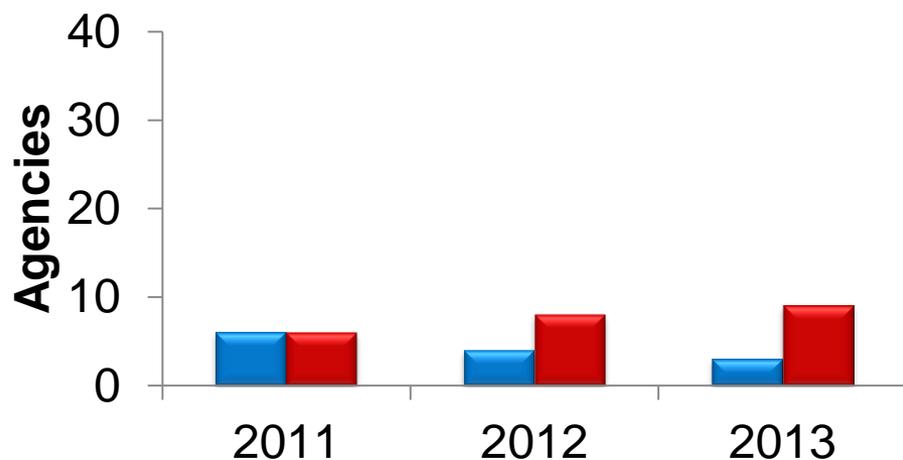
Percent of Agencies Reporting



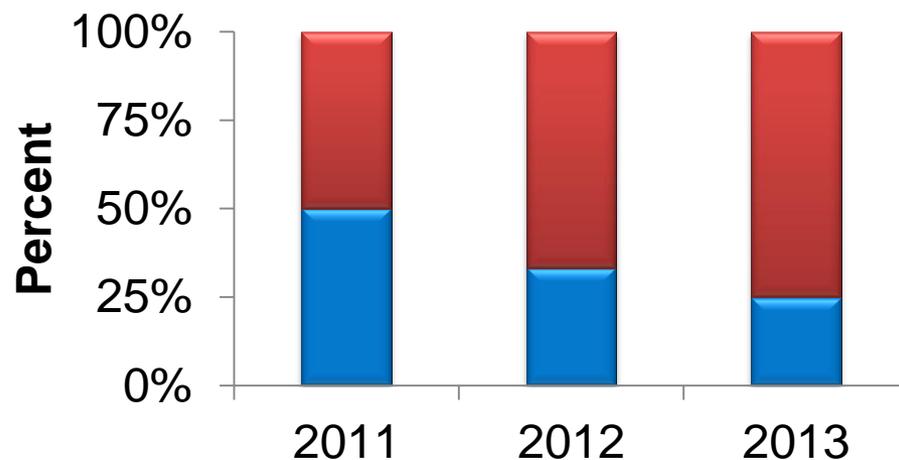
- Reported to Trauma Registry
- Did Not Report to Trauma Registry

Reported versus Not Reported Counts and Percentage

Reporting Status



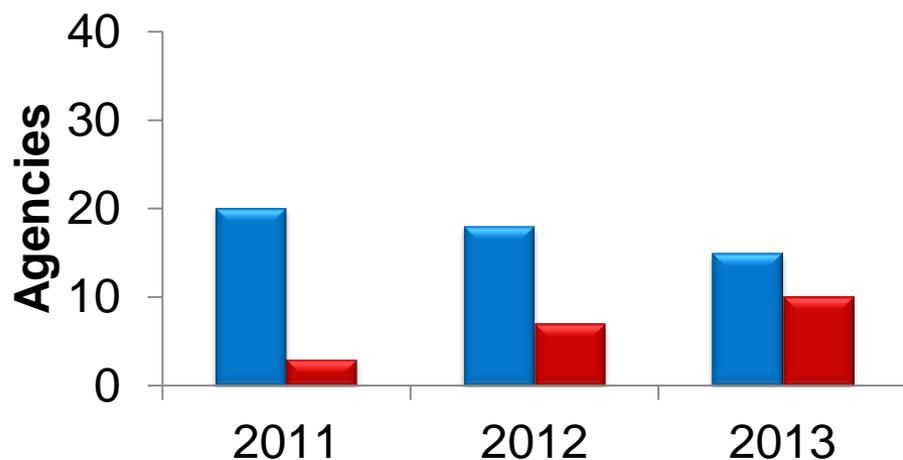
Percent of Agencies Reporting



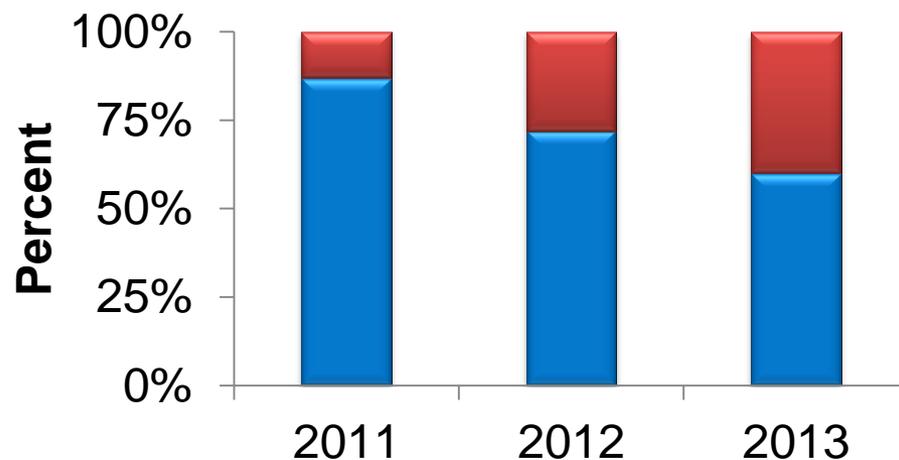
- Reported to Trauma Registry
- Did Not Report to Trauma Registry

Reported versus Not Reported Counts and Percentage

Reporting Status



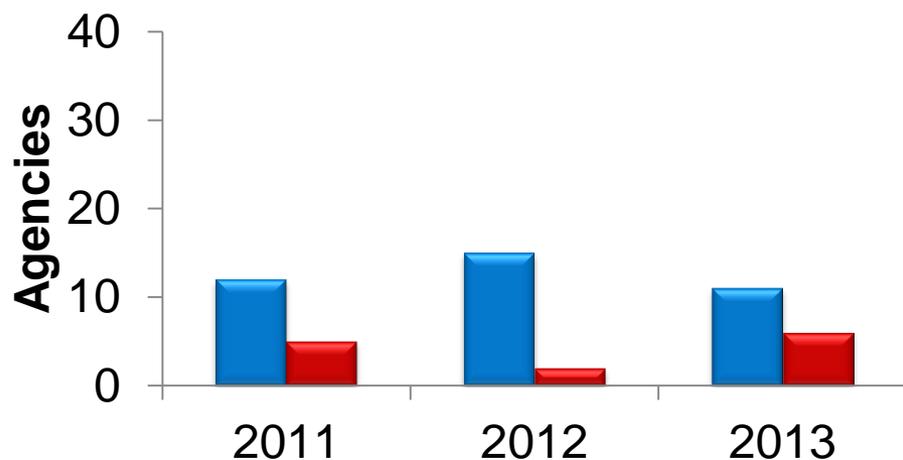
Percent of Agencies Reporting



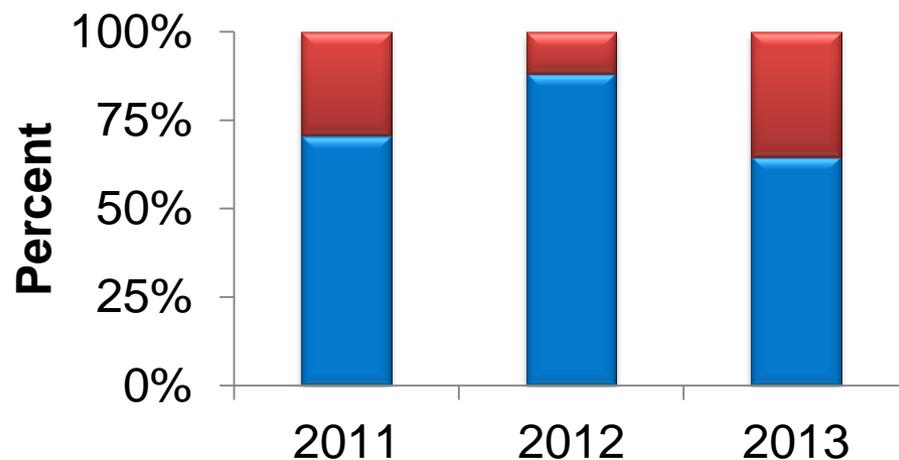
- Reported to Trauma Registry
- Did Not Report to Trauma Registry

Reported versus Not Reported Counts and Percentage

Reporting Status



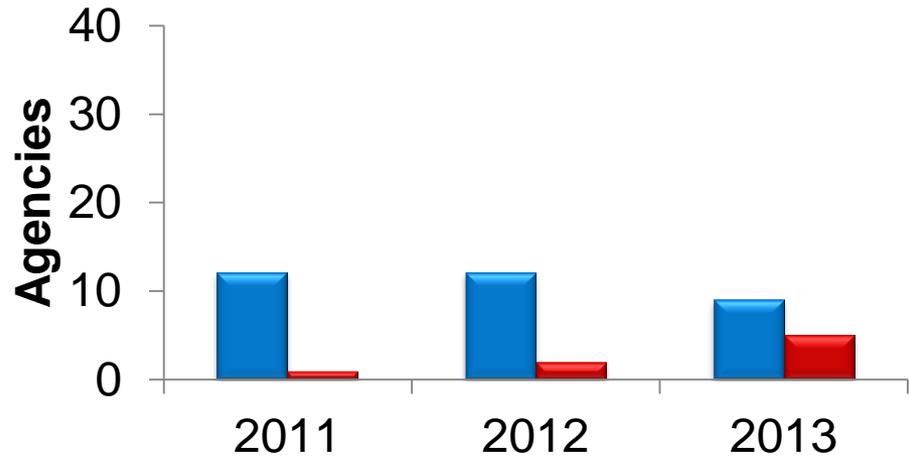
Percent of Agencies Reporting



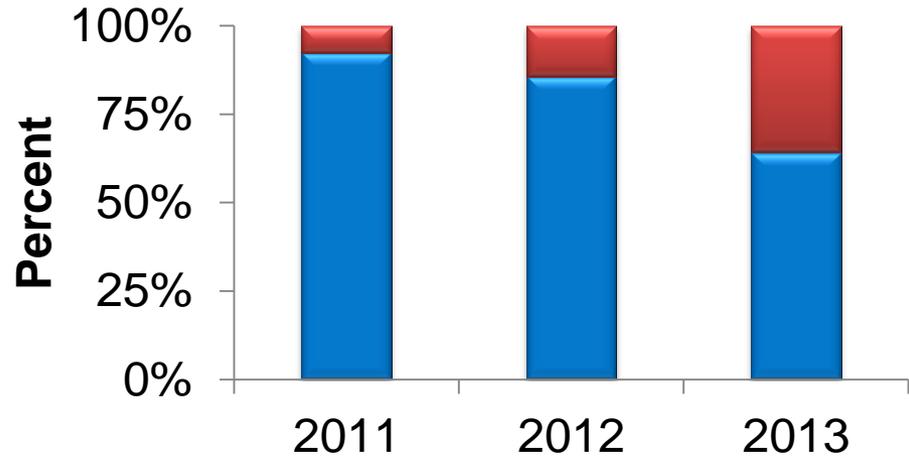
- Reported to Trauma Registry
- Did Not Report to Trauma Registry

Reported versus Not Reported Counts and Percentage

Reporting Status



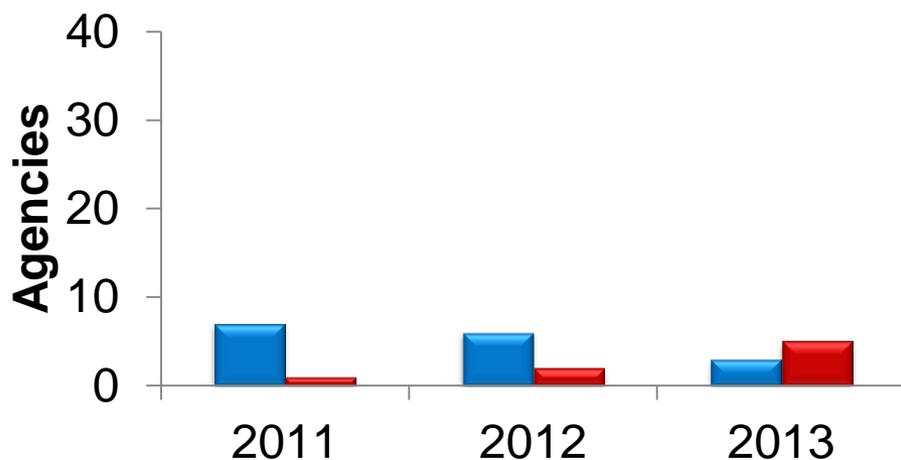
Percent of Agencies Reporting



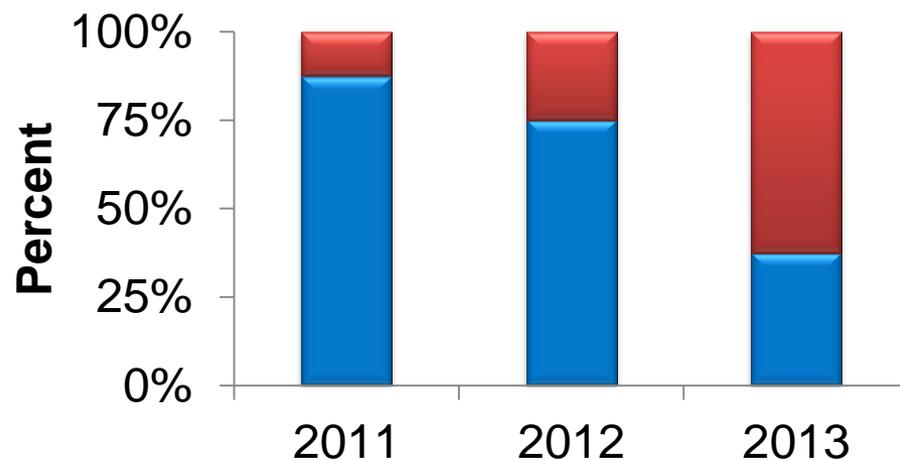
- Reported to Trauma Registry
- Did Not Report to Trauma Registry

Reported versus Not Reported Counts and Percentage

Reporting Status



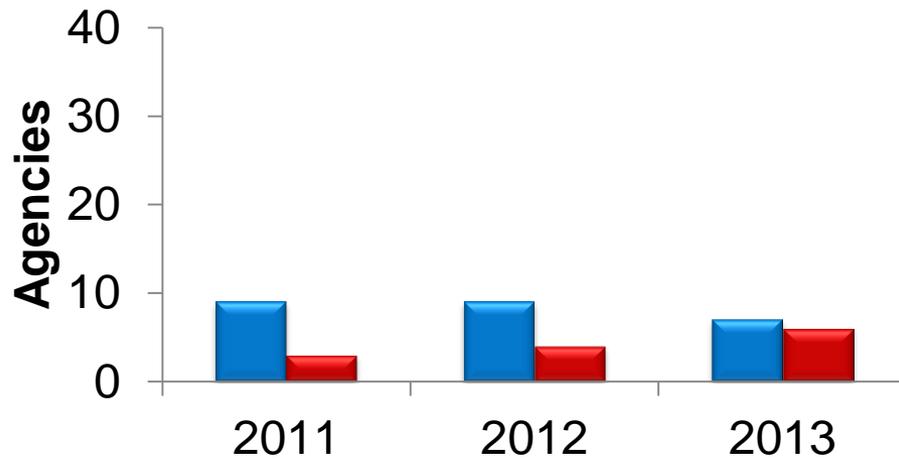
Percent of Agencies Reporting



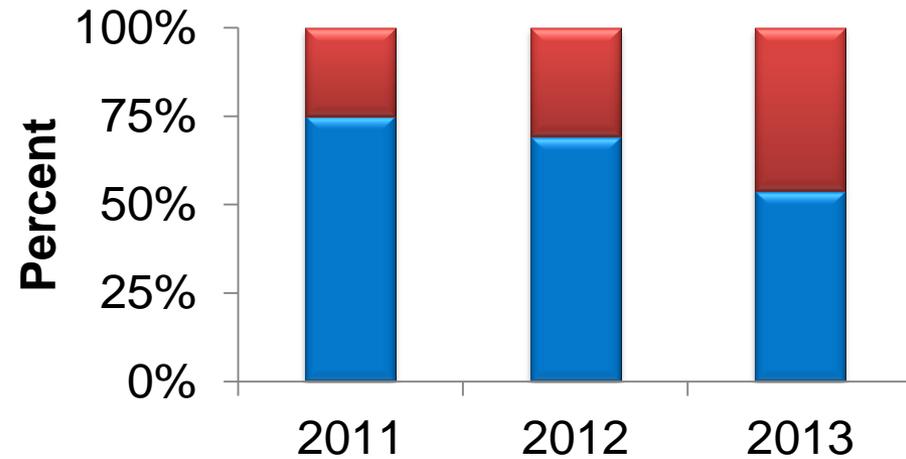
- Reported to Trauma Registry
- Did Not Report to Trauma Registry

Reported versus Not Reported Counts and Percentage

Reporting Status



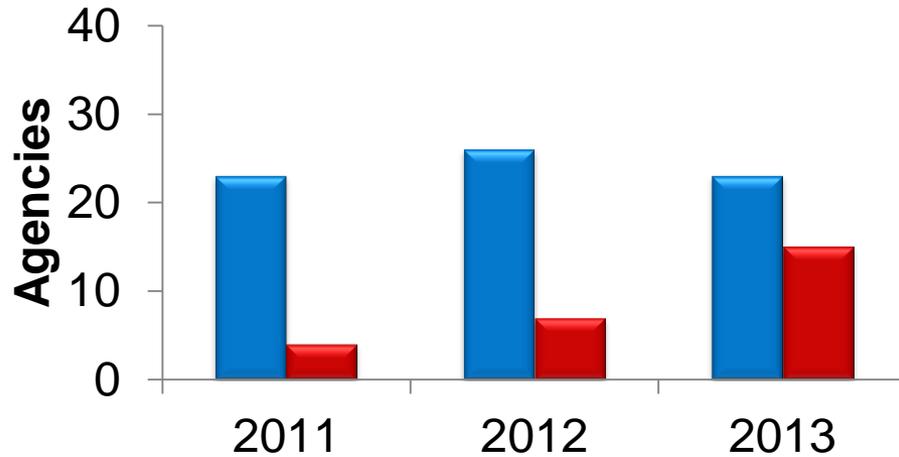
Percent of Agencies Reporting



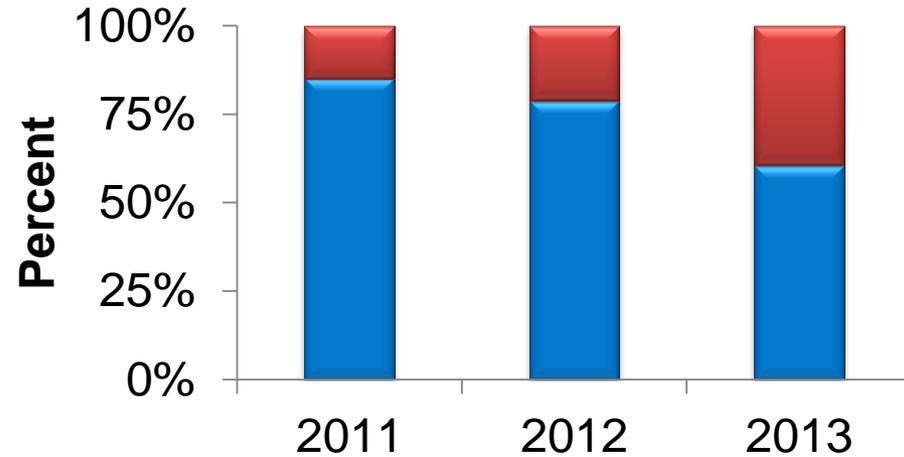
- Reported to Trauma Registry
- Did Not Report to Trauma Registry

Reported versus Not Reported Counts and Percentage

Reporting Status



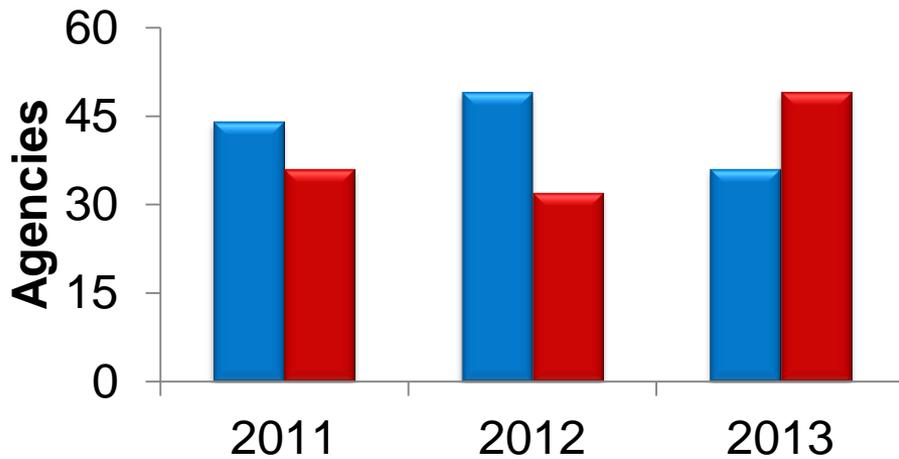
Percent of Agencies Reporting



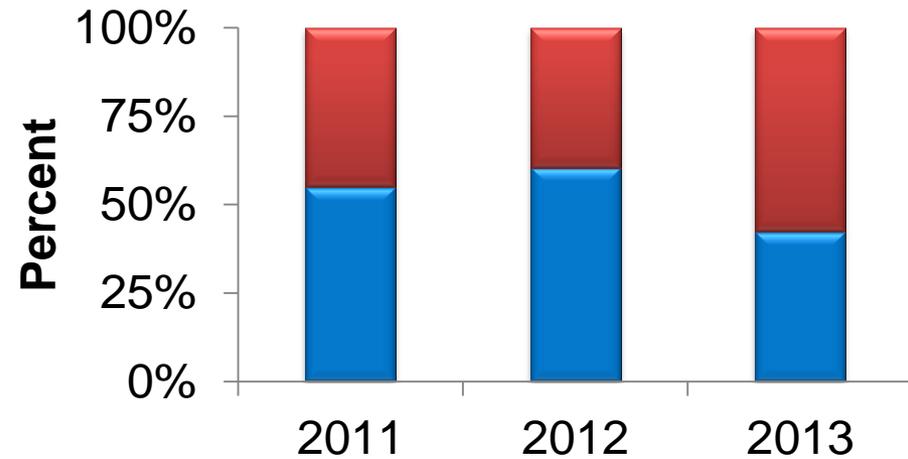
- Reported to Trauma Registry
- Did Not Report to Trauma Registry

Reported versus Not Reported Counts and Percentage

Reporting Status



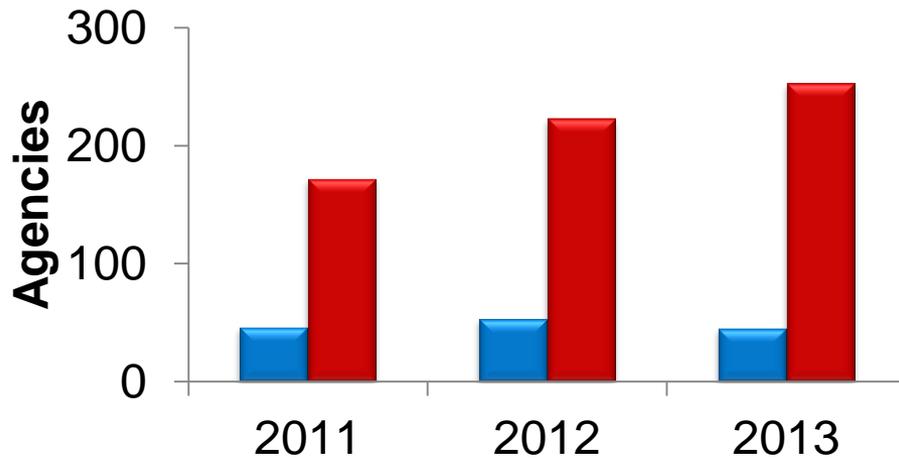
Percent of Agencies Reporting



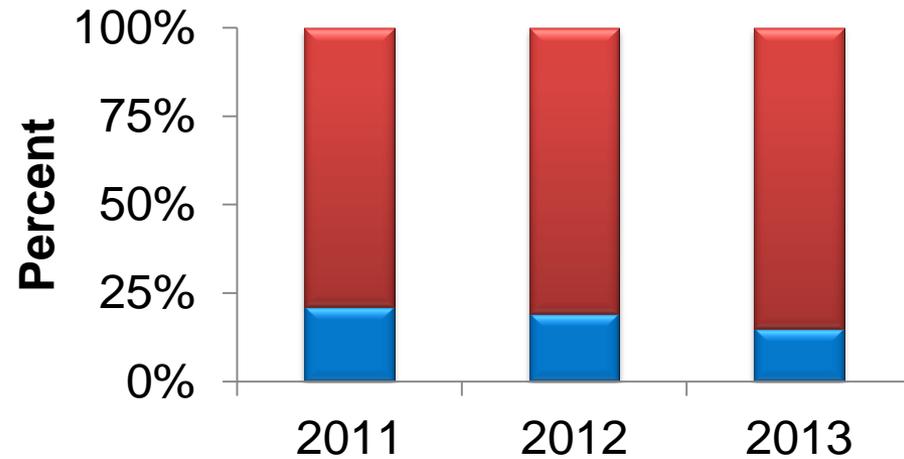
- Reported to Trauma Registry
- Did Not Report to Trauma Registry

Reported versus Not Reported Counts and Percentage

Reporting Status



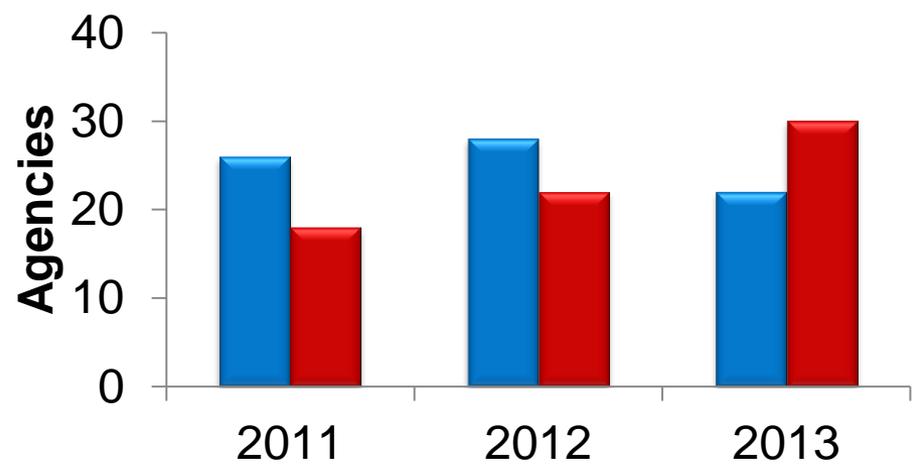
Percent of Agencies Reporting



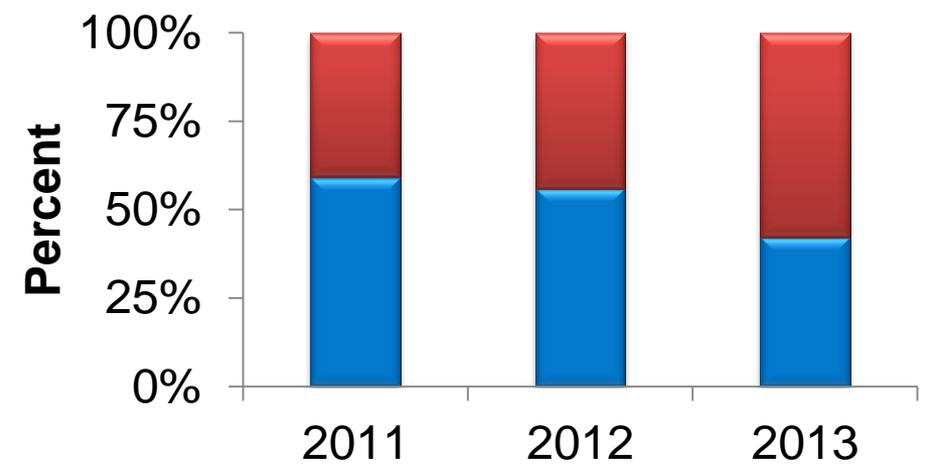
- Reported to Trauma Registry
- Did Not Report to Trauma Registry

Reported versus Not Reported Counts and Percentage

Reporting Status



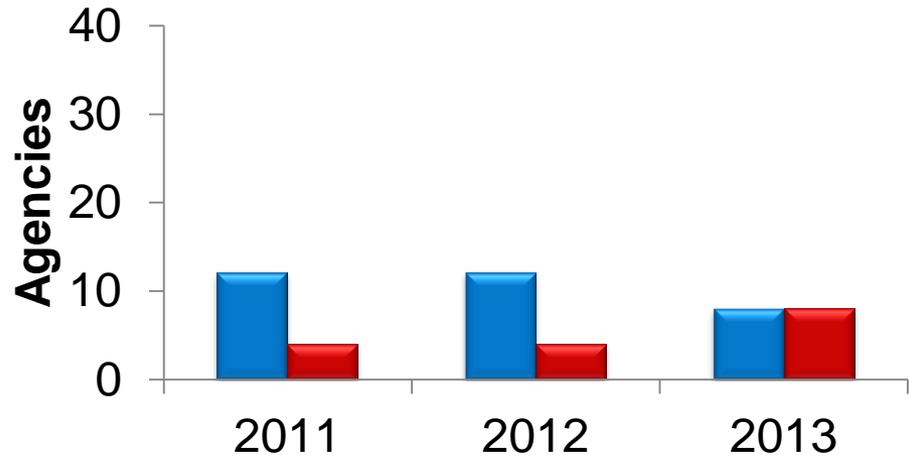
Percent of Agencies Reporting



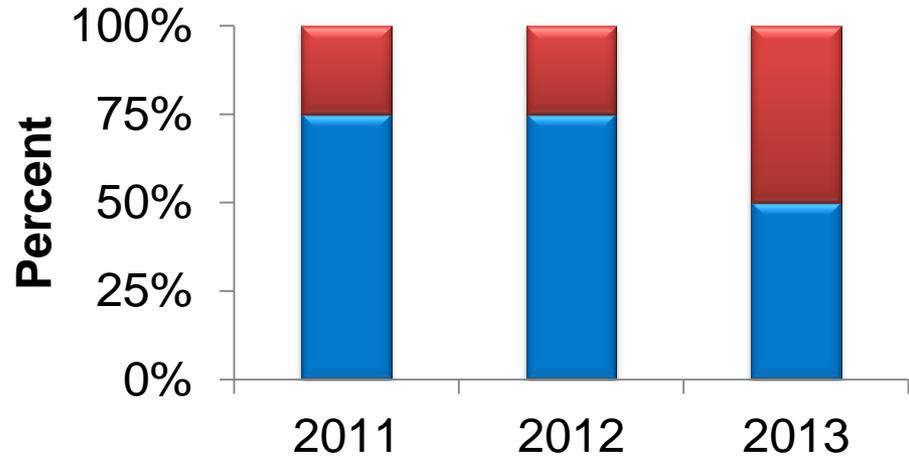
- Reported to Trauma Registry
- Did Not Report to Trauma Registry

Reported versus Not Reported Counts and Percentage

Reporting Status



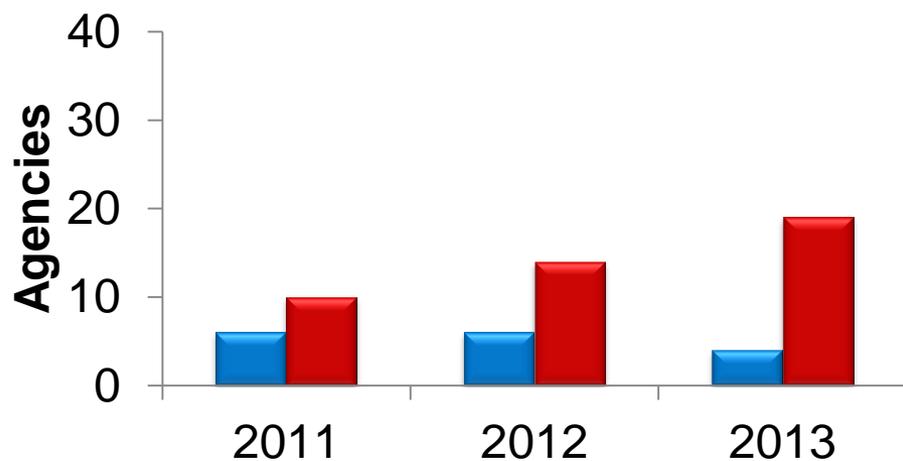
Percent of Agencies Reporting



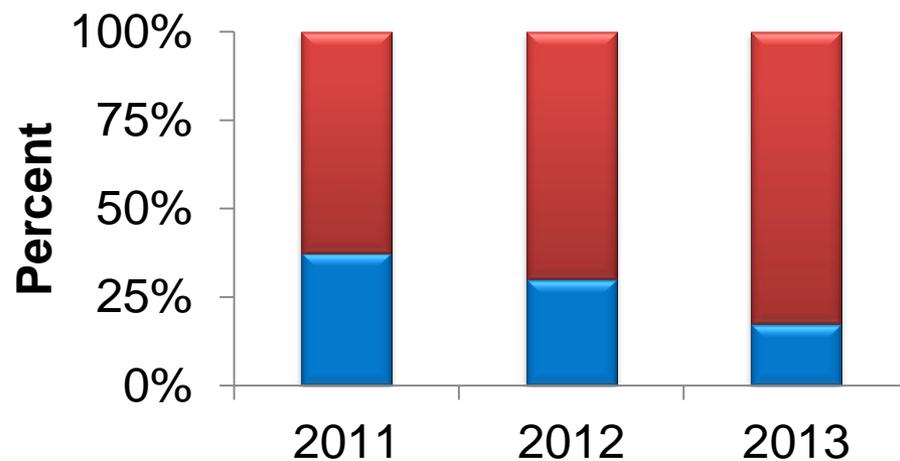
- Reported to Trauma Registry
- Did Not Report to Trauma Registry

Reported versus Not Reported Counts and Percentage

Reporting Status



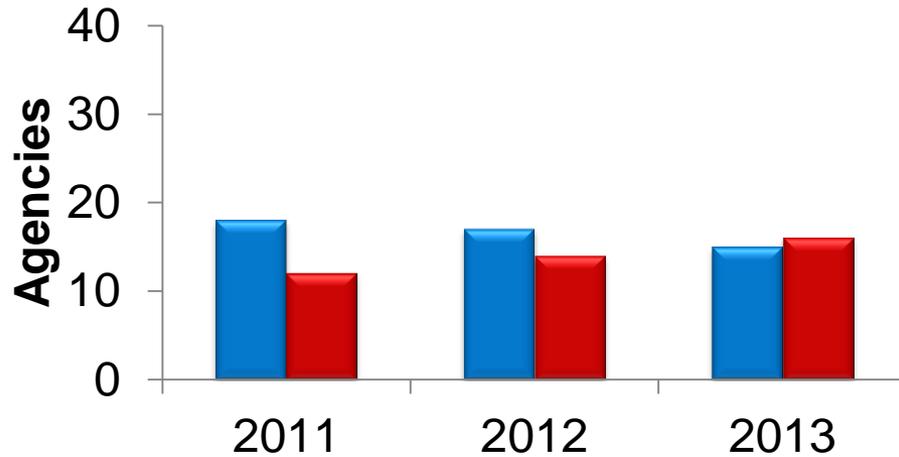
Percent of Agencies Reporting



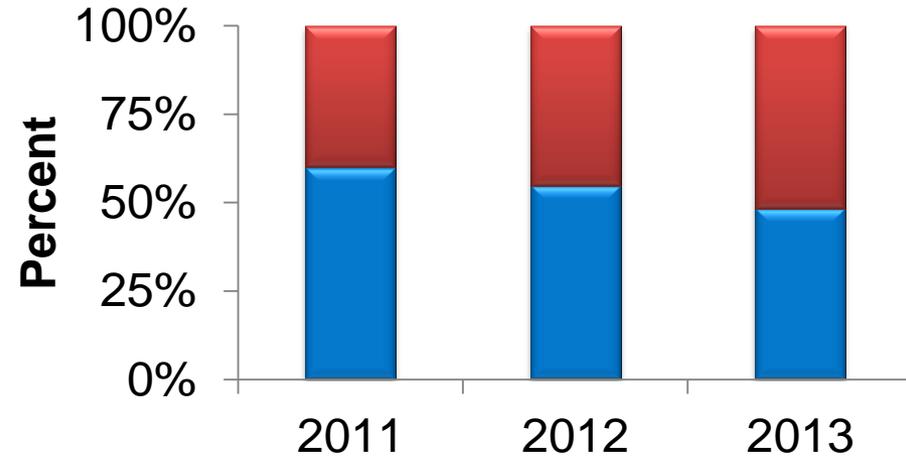
- Reported to Trauma Registry
- Did Not Report to Trauma Registry

Reported versus Not Reported Counts and Percentage

Reporting Status



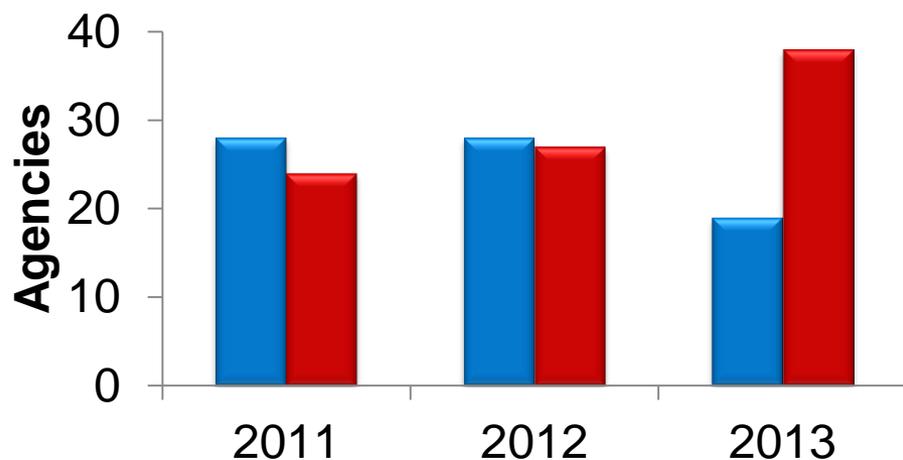
Percent of Agencies Reporting



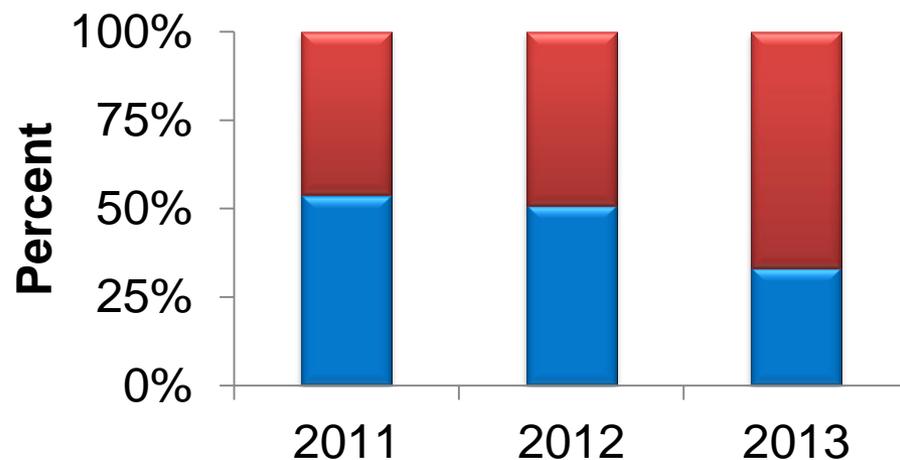
- Reported to Trauma Registry
- Did Not Report to Trauma Registry

Reported versus Not Reported Counts and Percentage

Reporting Status



Percent of Agencies Reporting



- Reported to Trauma Registry
- Did Not Report to Trauma Registry

Data from Agencies Reporting to Trauma Registry

Records Reported to Trauma Registry – RAC & State Level

		ACTIVE EMS	2011	2012	2013	
RAC	A	48	41,161	28,183	35,965	
	B	43	51,205	46,029	28,239	
	C	17	10,437	18,306	17,812	
	D	30	27,088	24,291	17,601	
	E	143	619,012	524,346	262,803	
	F	8	52,845	30,065	19,307	
	G	22	150,035	131,006	140,596	
	H	9	23,423	21,634	20,151	
	I	12	65,897	49,270	50,482	
	J	25	39,621	26,937	13,850	
	K	17	5,402	3,980	3,505	
	L	14	28,870	50,918	45,656	
	M	8	5,033	4,291	1,748	
	N	13	46,693	31,339	19,200	
	O	38	322,099	401,862	501,653	
	P	85	272,038	346,522	229,492	
	Q	298	461,271	540,307	546,032	
	R	52	79,463	70,208	48,871	
	S	16	15,001	13,511	8,043	
	T	23	35,256	29,026	15,989	
	U	31	61,285	22,486	20,686	
	V	57	97,395	75,331	57,604	
	State		1,009	2,510,530	2,489,848	2,105,285



Records Reported to Trauma Registry – State Level

By Response Type

	2011	2012	2013
Both Emergency 911 & Transfer	1,178,732	1,212,162	1,087,666
Emergency 911	1,191,651	1,152,090	900,803
Transfer	127,634	113,747	110,831
Unknown	12,513	11,849	5,985
Total	2,510,530	2,489,848	2,105,285

Affidavits Submitted to Regulatory – 2011 RAC & State Level

	Active EMS	Records Submitted	Affidavits Submitted	Difference
A	5	3,190	2,550	-640
B	23	48,283	40,638	-7,645
C	3	6,130	16,744	10,614
D	1	909	933	24
E	6	14,787	49,281	34,494
F	1	3,190	3,600	410
G	2	13,220	14,272	1,052
H	-	-	-	-
I	-	-	-	-
J	1	0	3,336	3,336
K	1	92	86	-6
L	-	-	-	-
M	-	-	-	-
N	-	-	-	-
O	3	77,914	77,790	-124
P	20	176,845	144,948	-31,897
Q	5	4,262	40,950	36,688
R	-	-	-	-
S	-	-	-	-
T	1	0	1,436	1,436
U	4	3,460	8,544	5,084
V	-	-	-	-
State	76	352,282	405,108	52,826

RAC

More than 50,000 records in 2011 were reported in affidavits but were not submitted to the EMS/Trauma Registry.



Affidavits Submitted to Regulatory – 2012 RAC & State Level

RAC

	Active EMS	Records Submitted	Affidavits Submitted	Difference
A	7	2,443	5,635	3,192
B	21	38,086	30,331	-7,755
C	2	1,681	1,856	175
D	4	1,260	1,940	680
E	16	25,924	62,872	36,948
F	1	2,873	3,721	848
G	4	40,085	22,815	-17,270
H	2	9,848	9,705	-143
I	2	38,140	61,962	23,822
J	4	337	1,224	887
K	4	978	1,455	477
L	4	6,012	9,407	3,395
M	2	2,056	2,572	516
N	2	1,348	2,392	1,045
O	3	24,699	23,146	-1,553
P	9	30,618	11,120	-19,498
Q	5	65,091	83,802	18,711
R	-	-	-	-
S	-	-	-	-
T	2	262	800	538
U	4	370	35,702	35,332
V	-	-	-	-
State	98	292,111	372,458	80,347

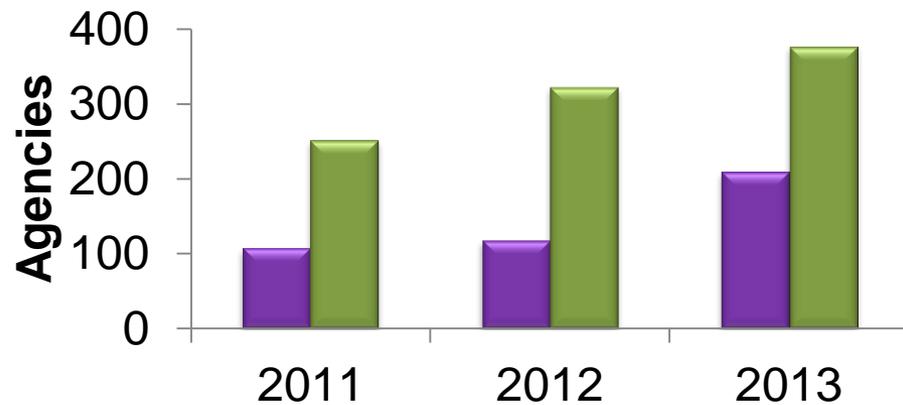
More than 80,000 records in 2012 were reported in affidavits but were not submitted to the EMS/Trauma Registry.

Agencies Not Reporting to Trauma Registry

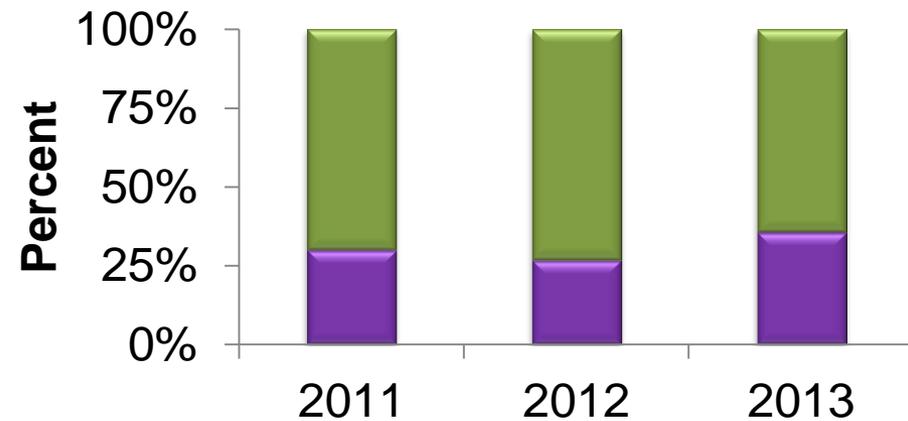
Did Not Report to Trauma Registry – State Level

By Response Type (911 capable and Transfers Only)

Not Reporting by Response Type



Percent Not Reporting by Response Type



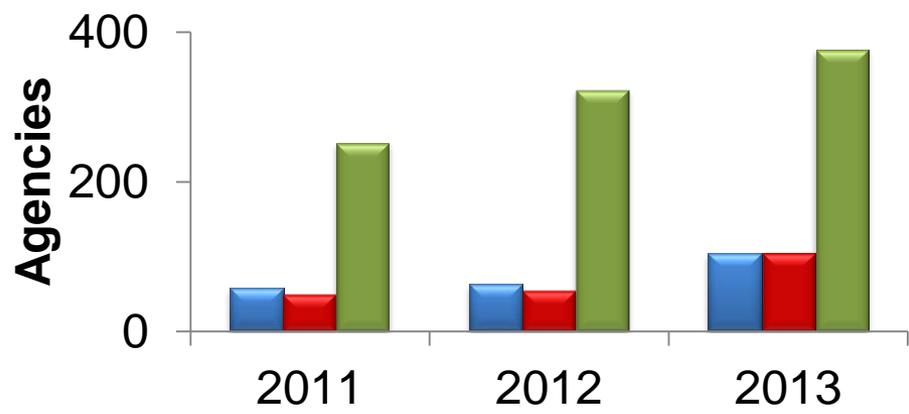
■ 911 Calls
■ Transfers Only

Did Not Report to Trauma Registry – State Level

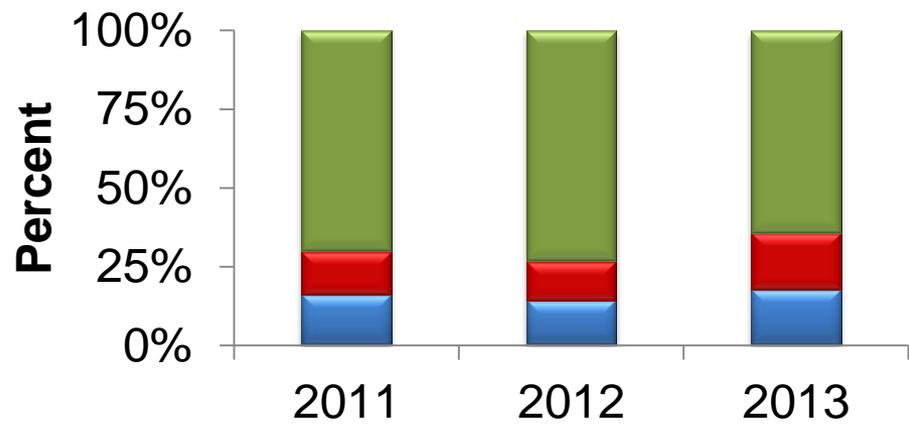
By Response Type

(Both 911 and Transfers, 911 Only, and Transfers Only)

Not Reporting by Response Type



Percent Not Reporting by Response Type



- Both Emergency 911 & Transfer
- Emergency 911
- Transfer

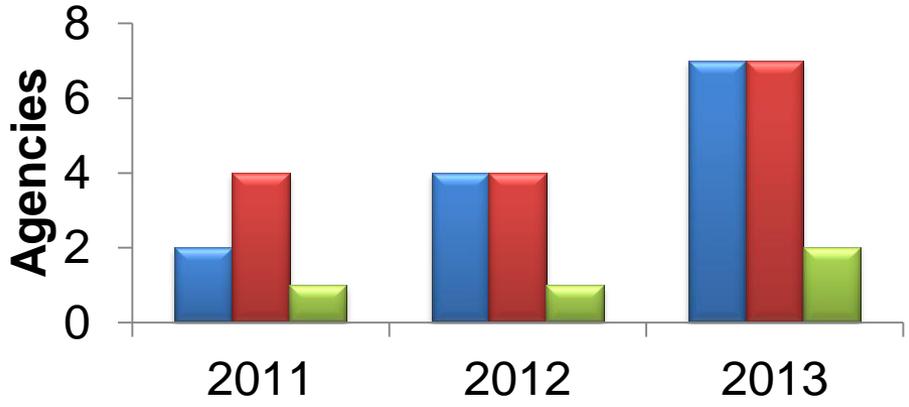


Did Not Report to Trauma Registry – RAC A

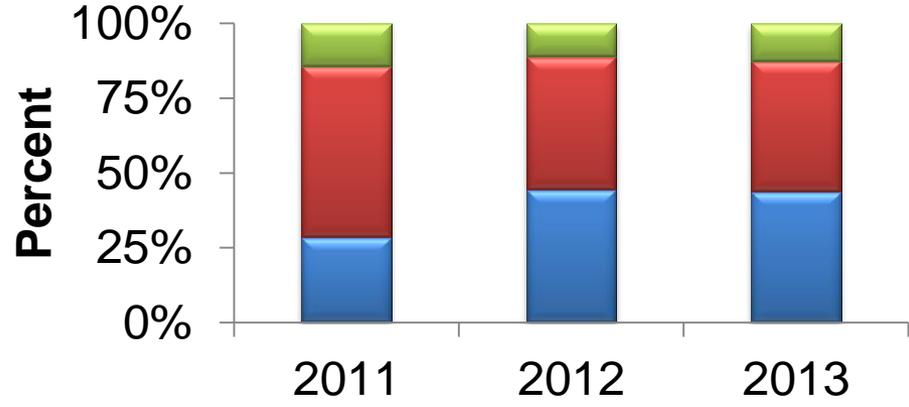
By Response Type

(Both 911 and Transfers, 911 Only, and Transfers Only)

Not Reporting by Response Type



Percent Not Reporting by Response Type



- Both Emergency 911 & Transfer
- Emergency 911
- Transfer

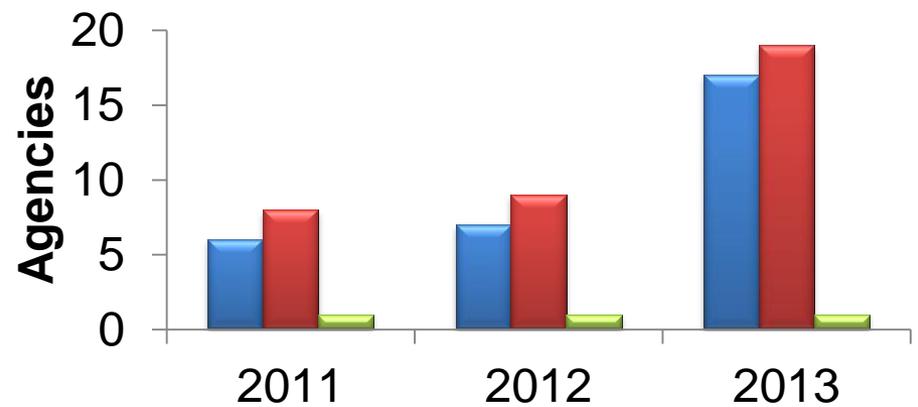


Did Not Report to Trauma Registry – RAC B

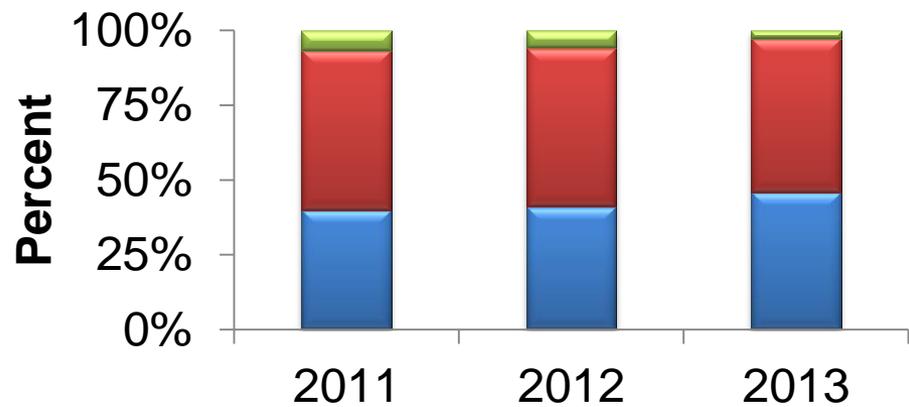
By Response Type

(Both 911 and Transfers, 911 Only, and Transfers Only)

Not Reporting by Response Type



Percent Not Reporting by Response Type



- Both Emergency 911 & Transfer
- Emergency 911
- Transfer

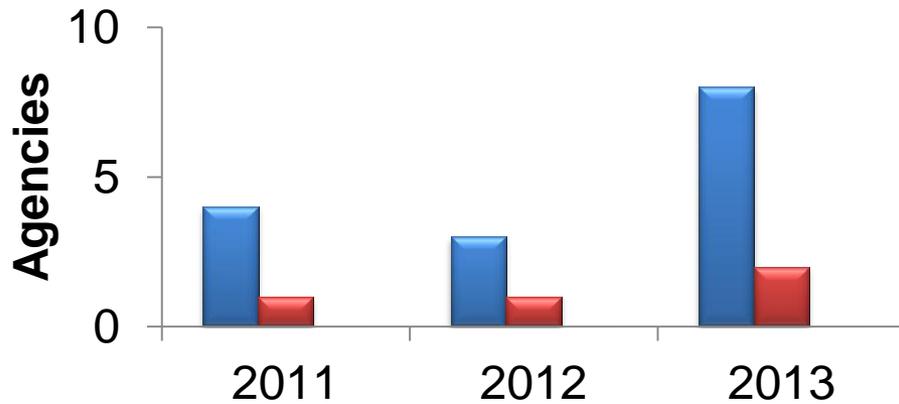


Did Not Report to Trauma Registry – RAC C

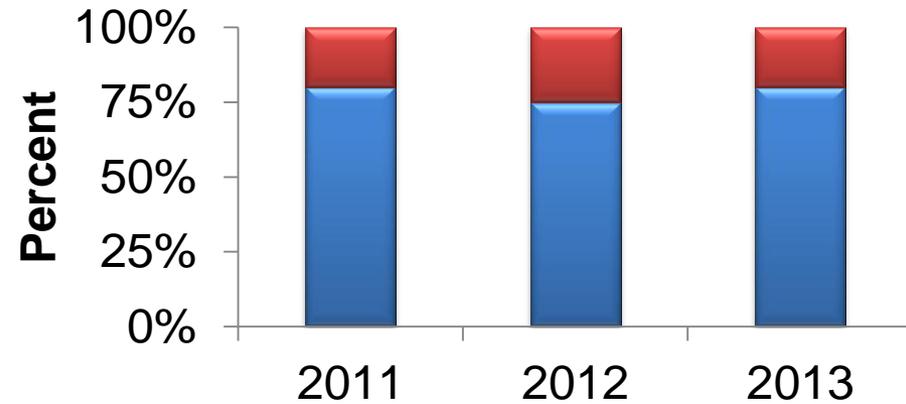
By Response Type

(Both 911 and Transfers, 911 Only, and Transfers Only)

Not Reporting by Response Type



Percent Not Reporting by Response Type



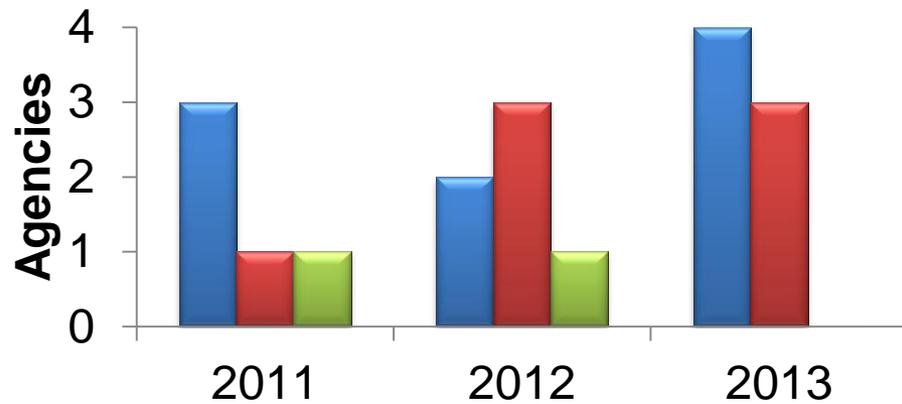
- Both Emergency 911 & Transfer
- Emergency 911
- Transfer

Did Not Report to Trauma Registry – RAC D

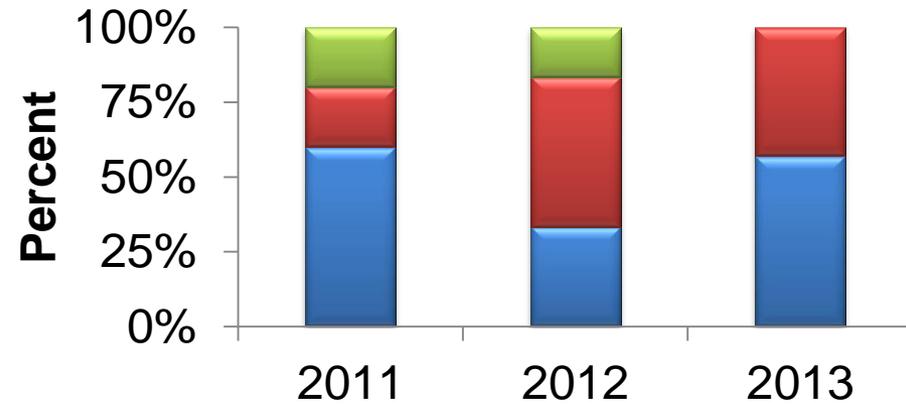
By Response Type

(Both 911 and Transfers, 911 Only, and Transfers Only)

Not Reporting by Response Type



Percent Not Reporting by Response Type



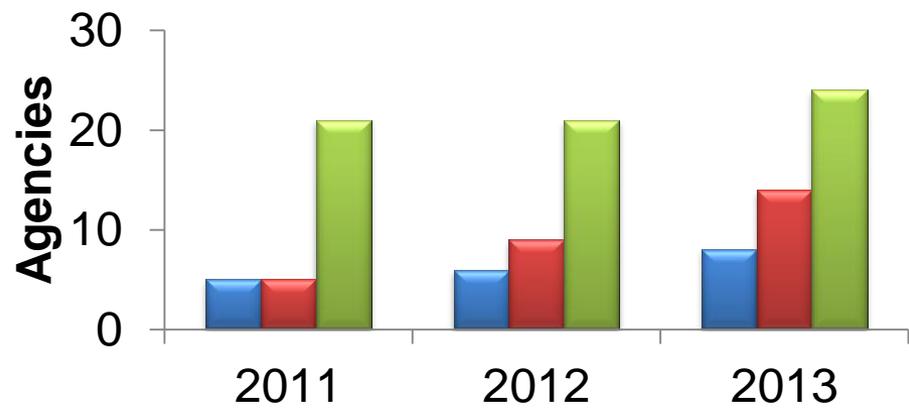
- Both Emergency 911 & Transfer
- Emergency 911
- Transfer

Did Not Report to Trauma Registry – RAC E

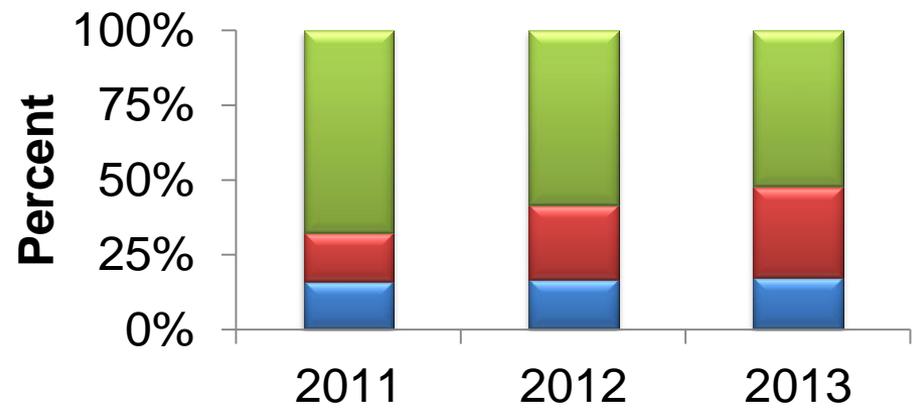
By Response Type

(Both 911 and Transfers, 911 Only, and Transfers Only)

Not Reporting by Response Type



Percent Not Reporting by Response Type



- Both Emergency 911 & Transfer
- Emergency 911
- Transfer

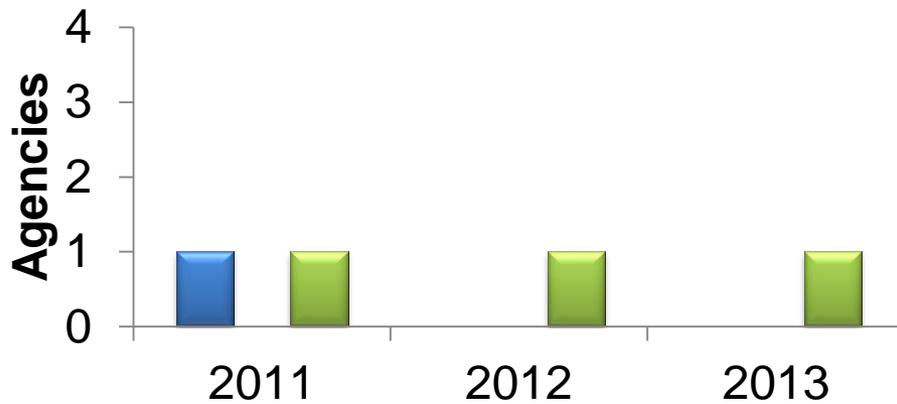


Did Not Report to Trauma Registry – RAC F

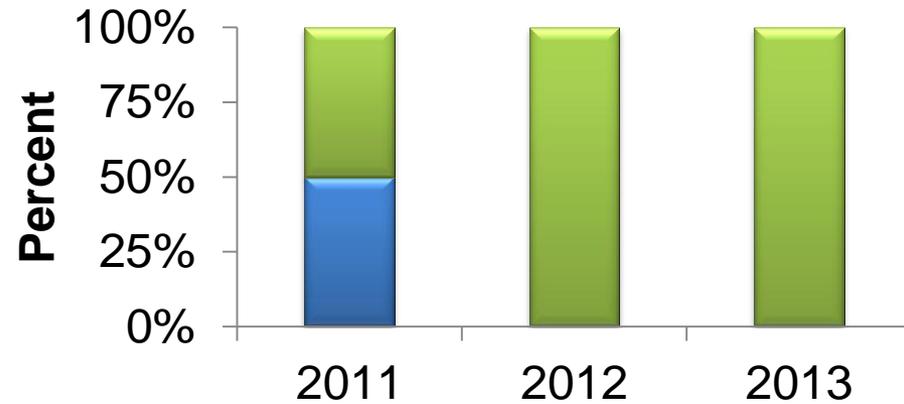
By Response Type

(Both 911 and Transfers, 911 Only, and Transfers Only)

Not Reporting by Response Type



Percent Not Reporting by Response Type



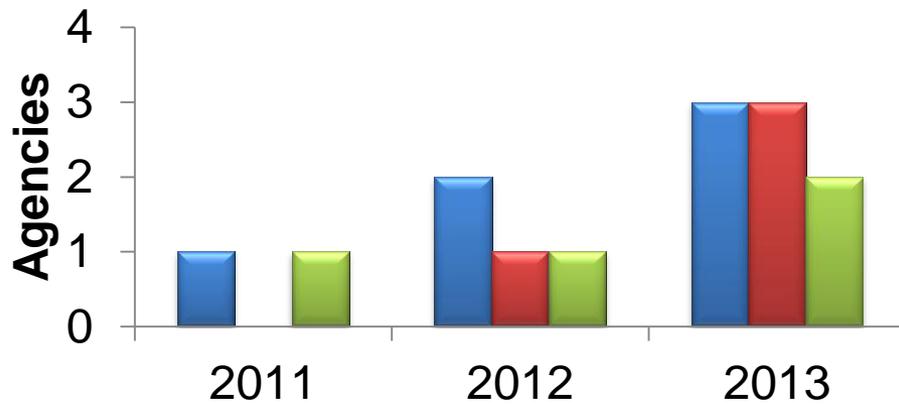
- Both Emergency 911 & Transfer
- Emergency 911
- Transfer

Did Not Report to Trauma Registry – RAC G

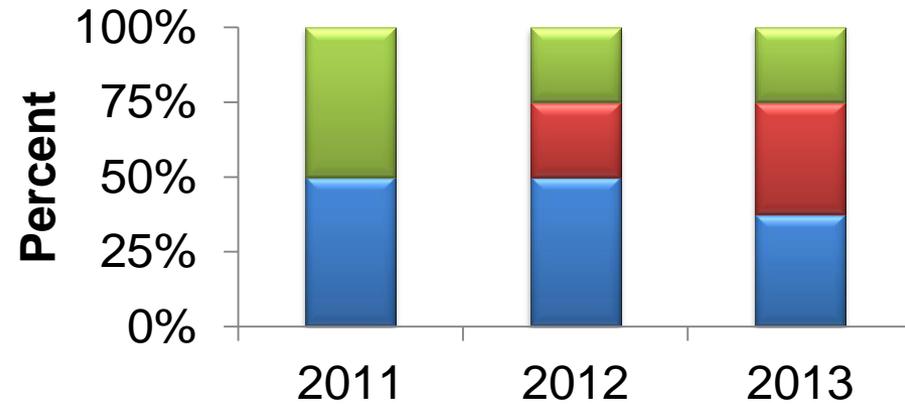
By Response Type

(Both 911 and Transfers, 911 Only, and Transfers Only)

Not Reporting by Response Type



Percent Not Reporting by Response Type



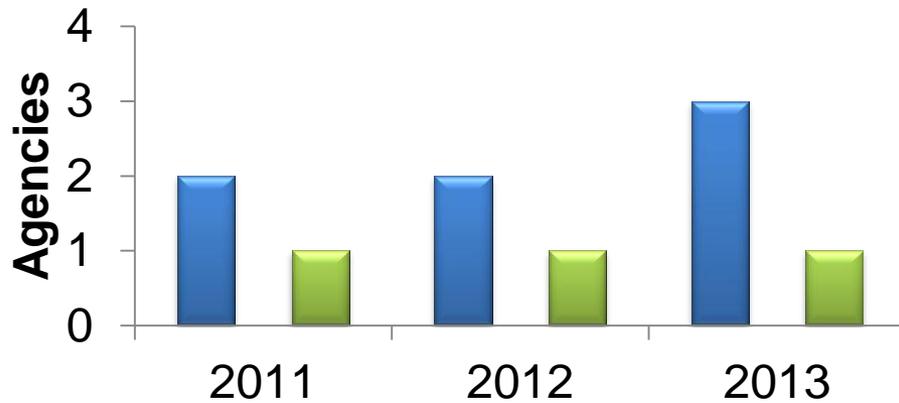
- Both Emergency 911 & Transfer
- Emergency 911
- Transfer

Did Not Report to Trauma Registry – RAC H

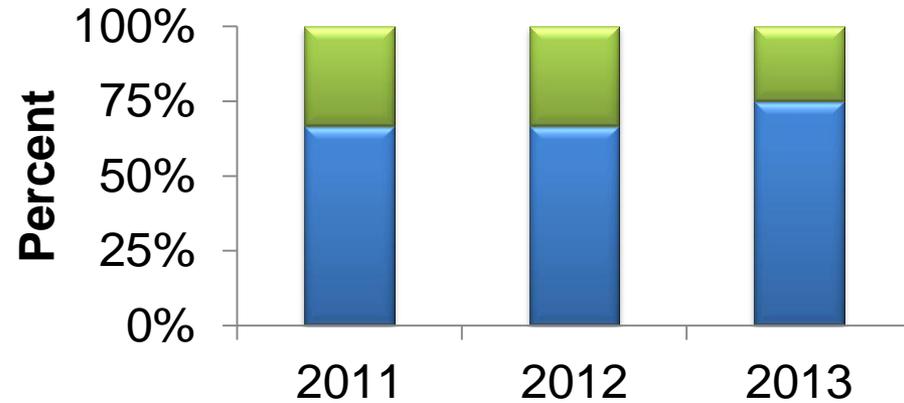
By Response Type

(Both 911 and Transfers, 911 Only, and Transfers Only)

Not Reporting by Response Type



Percent Not Reporting by Response Type



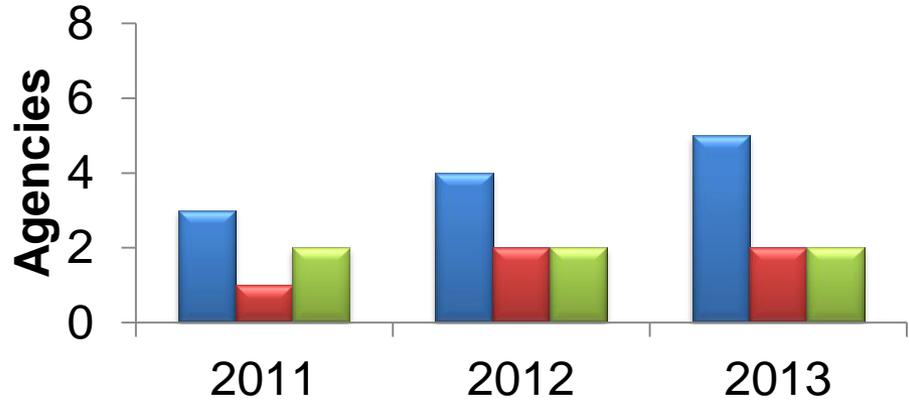
- Both Emergency 911 & Transfer
- Emergency 911
- Transfer

Did Not Report to Trauma Registry – RAC I

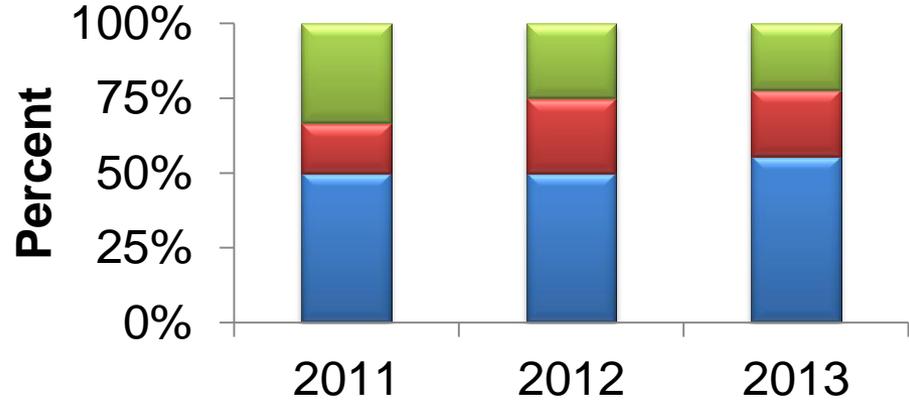
By Response Type

(Both 911 and Transfers, 911 Only, and Transfers Only)

Not Reporting by Response Type



Percent Not Reporting by Response Type



- Both Emergency 911 & Transfer
- Emergency 911
- Transfer

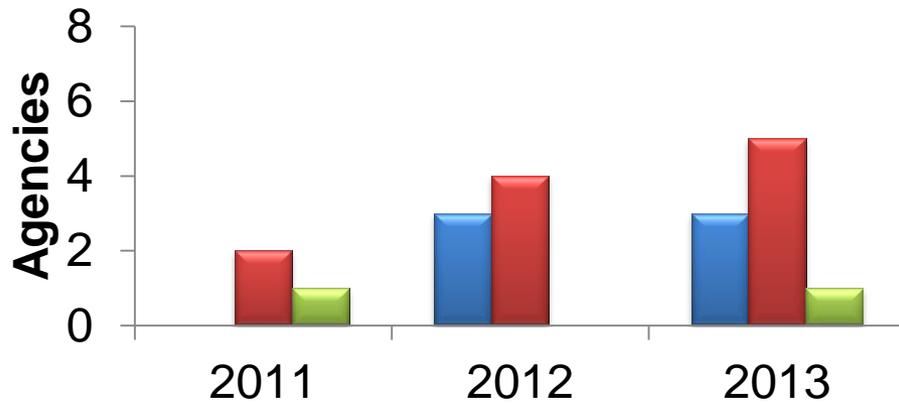


Did Not Report to Trauma Registry – RAC J

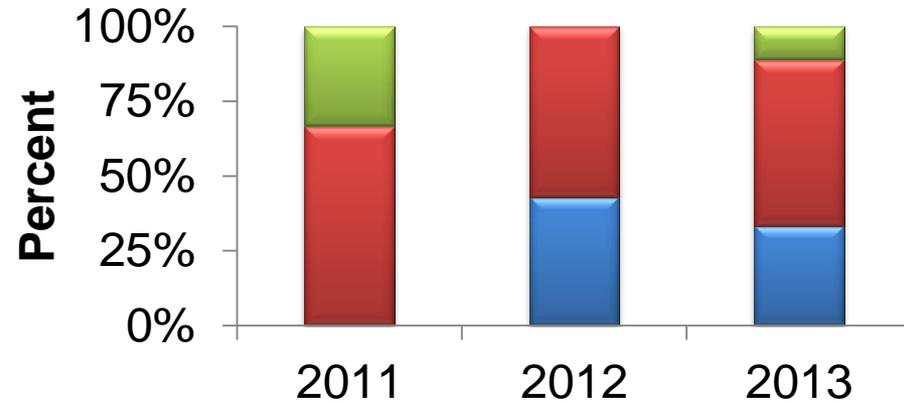
By Response Type

(Both 911 and Transfers, 911 Only, and Transfers Only)

Not Reporting by Response Type



Percent Not Reporting by Response Type



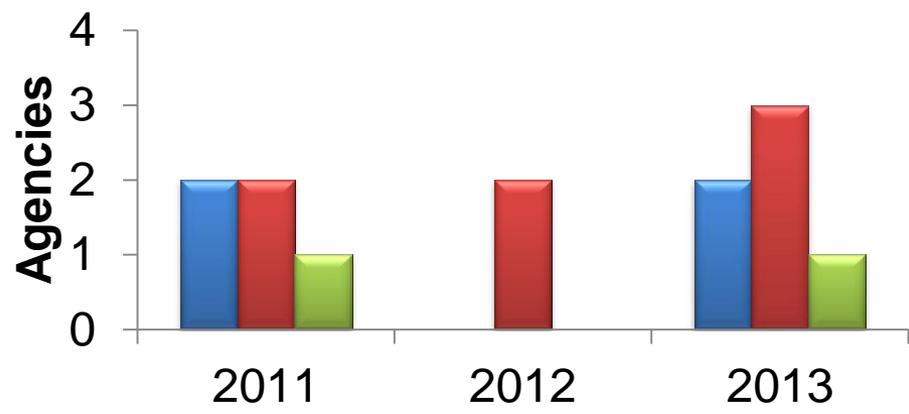
- Both Emergency 911 & Transfer
- Emergency 911
- Transfer

Did Not Report to Trauma Registry – RAC K

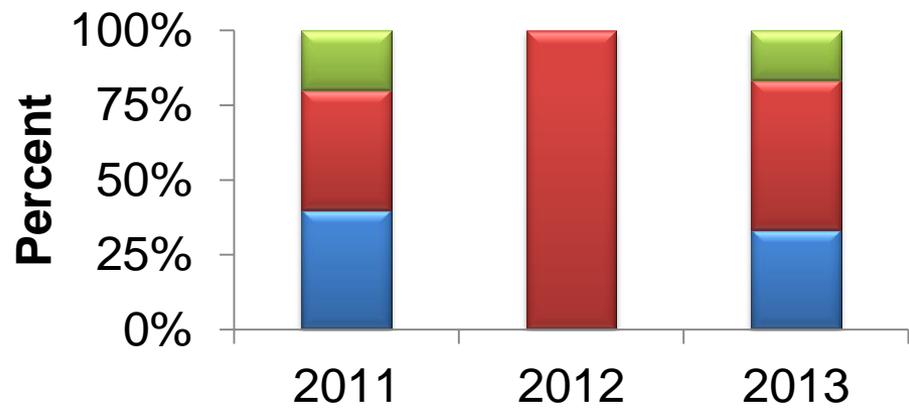
By Response Type

(Both 911 and Transfers, 911 Only, and Transfers Only)

Not Reporting by Response Type



Percent Not Reporting by Response Type



- Both Emergency 911 & Transfer
- Emergency 911
- Transfer

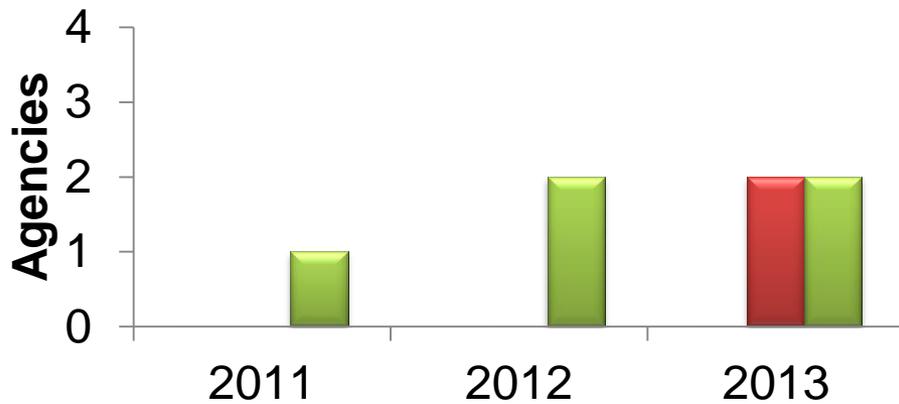


Did Not Report to Trauma Registry – RAC L

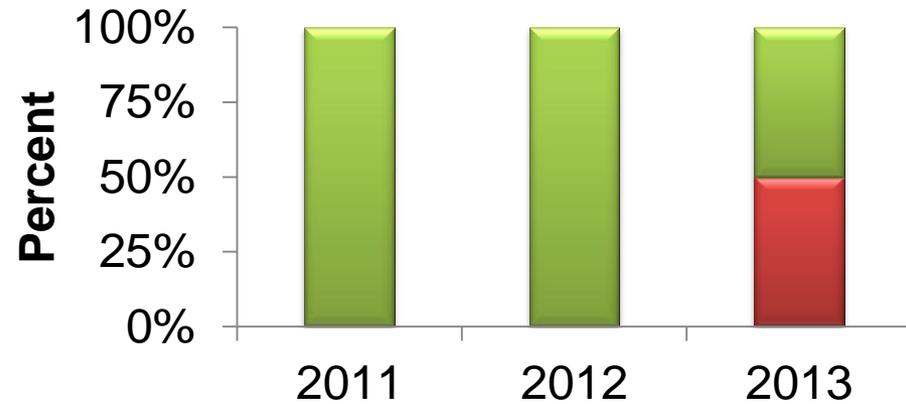
By Response Type

(Both 911 and Transfers, 911 Only, and Transfers Only)

Not Reporting by Response Type



Percent Not Reporting by Response Type



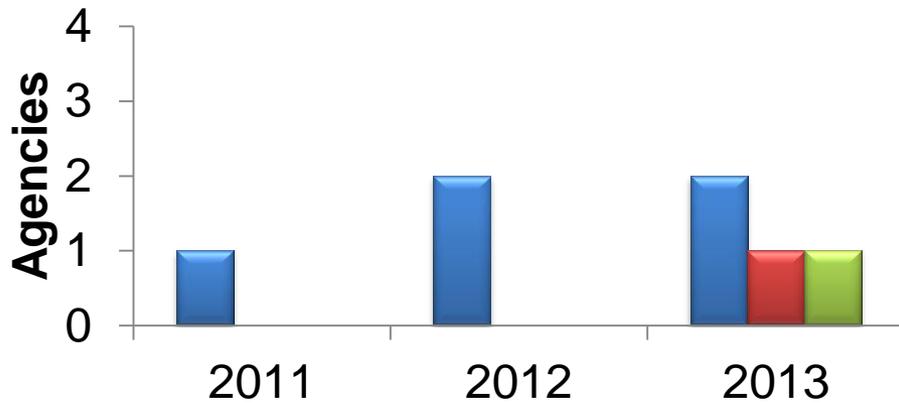
- Both Emergency 911 & Transfer
- Emergency 911
- Transfer

Did Not Report to Trauma Registry – RAC M

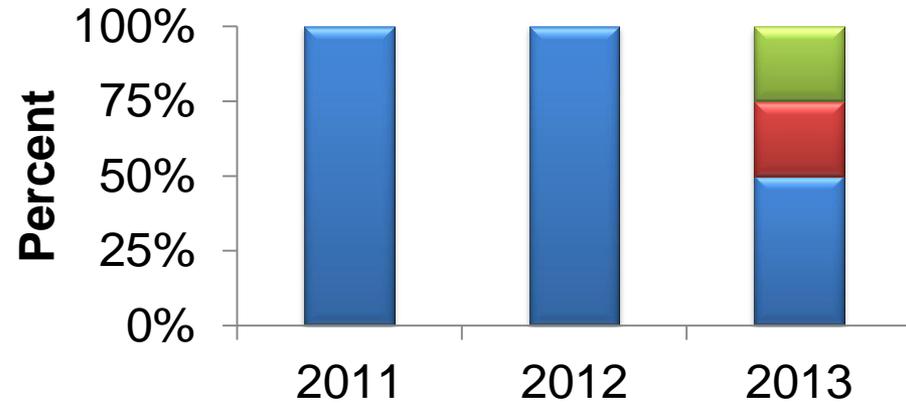
By Response Type

(Both 911 and Transfers, 911 Only, and Transfers Only)

Not Reporting by Response Type



Percent Not Reporting by Response Type



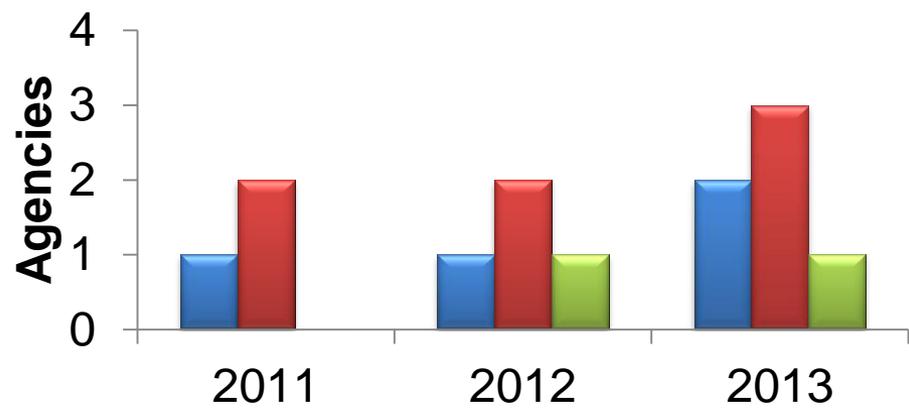
- Both Emergency 911 & Transfer
- Emergency 911
- Transfer

Did Not Report to Trauma Registry – RAC N

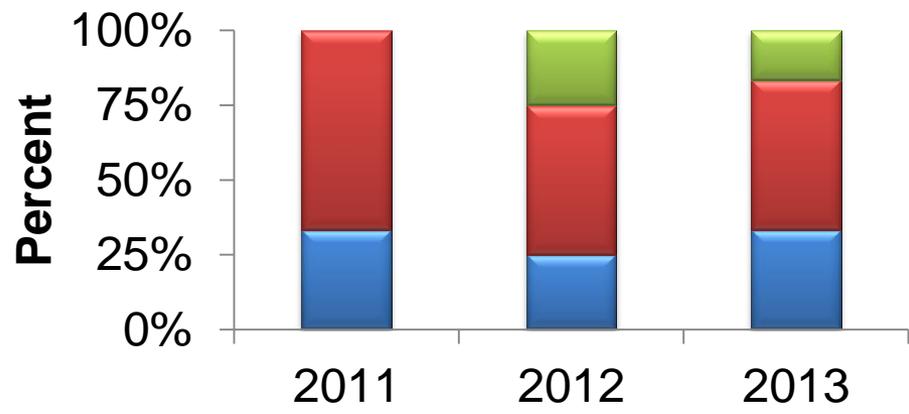
By Response Type

(Both 911 and Transfers, 911 Only, and Transfers Only)

Not Reporting by Response Type



Percent Not Reporting by Response Type



- Both Emergency 911 & Transfer
- Emergency 911
- Transfer

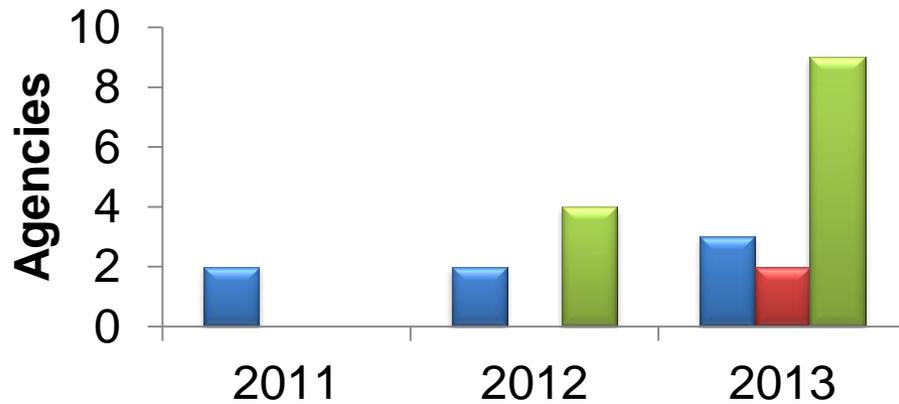


Did Not Report to Trauma Registry – RAC O

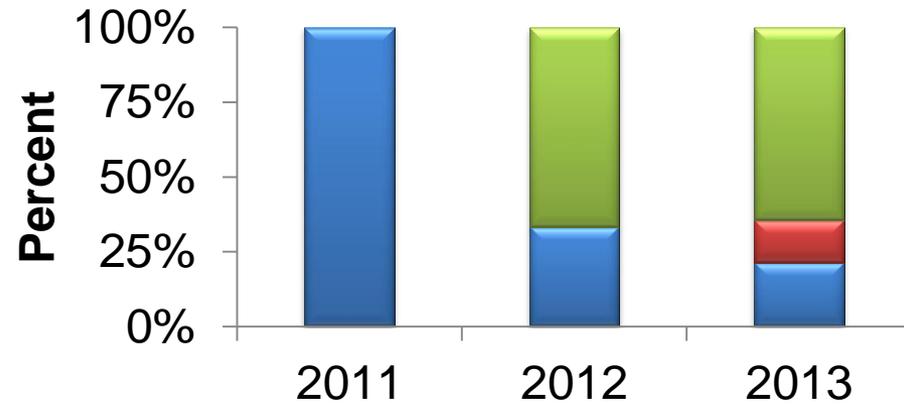
By Response Type

(Both 911 and Transfers, 911 Only, and Transfers Only)

Not Reporting by Response Type



Percent Not Reporting by Response Type



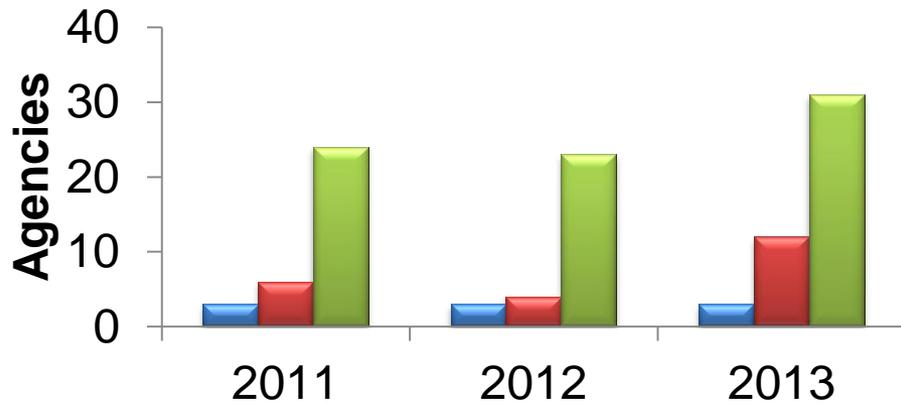
- Both Emergency 911 & Transfer
- Emergency 911
- Transfer

Did Not Report to Trauma Registry – RAC P

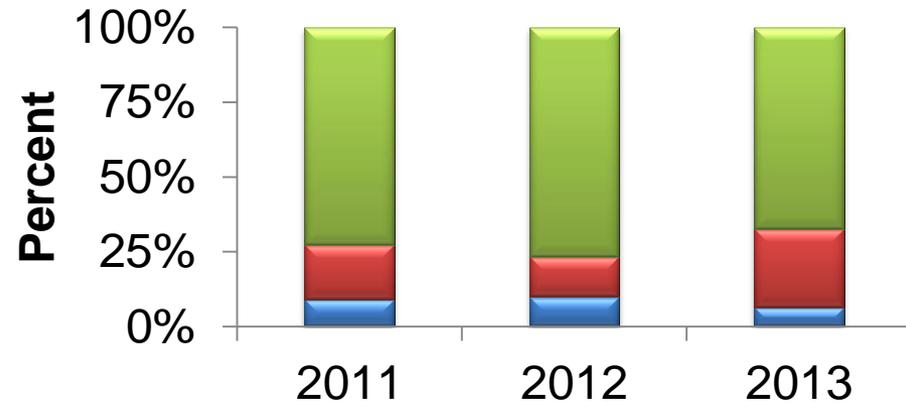
By Response Type

(Both 911 and Transfers, 911 Only, and Transfers Only)

Not Reporting by Response Type



Percent Not Reporting by Response Type



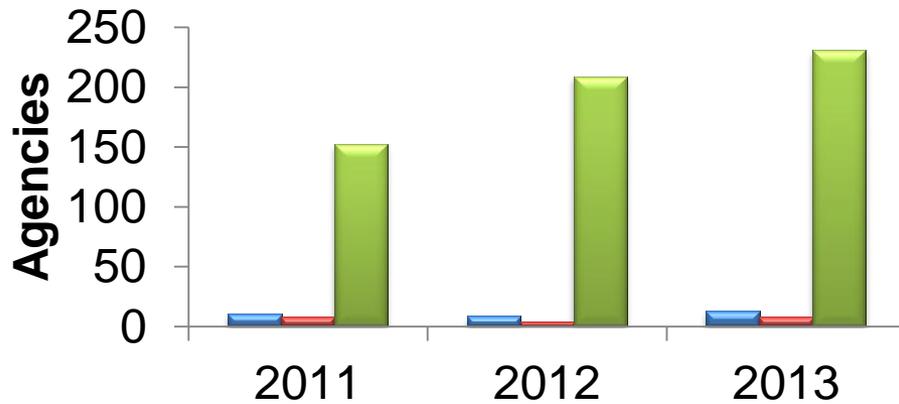
- Both Emergency 911 & Transfer
- Emergency 911
- Transfer

Did Not Report to Trauma Registry – RAC Q

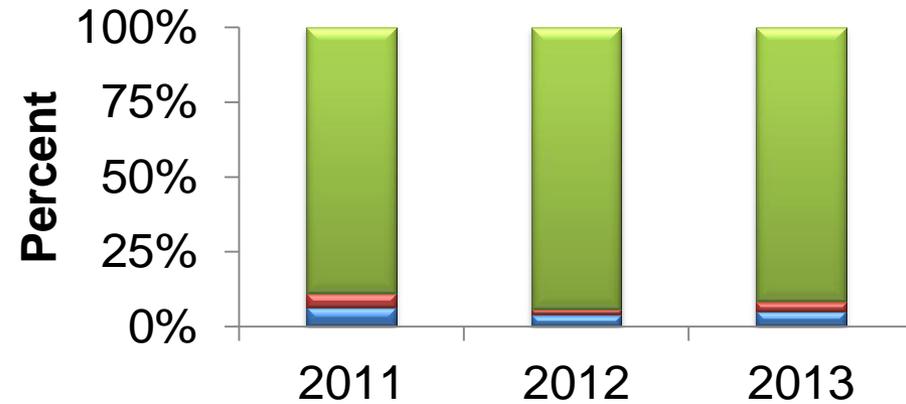
By Response Type

(Both 911 and Transfers, 911 Only, and Transfers Only)

Not Reporting by Response Type



Percent Not Reporting by Response Type



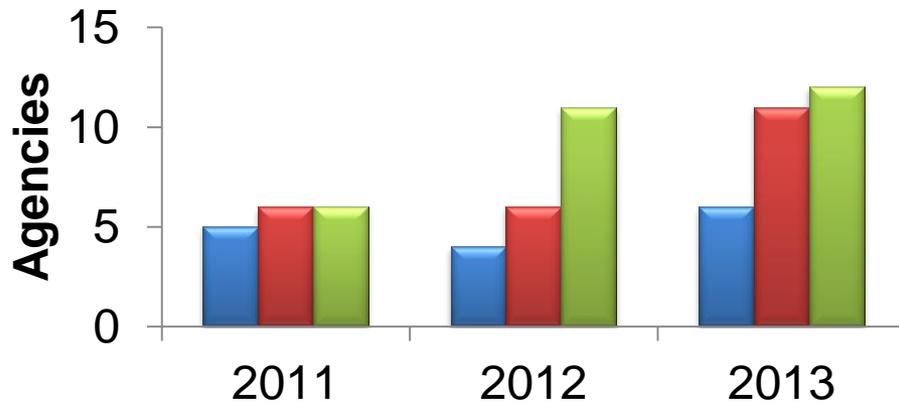
- Both Emergency 911 & Transfer
- Emergency 911
- Transfer

Did Not Report to Trauma Registry – RAC R

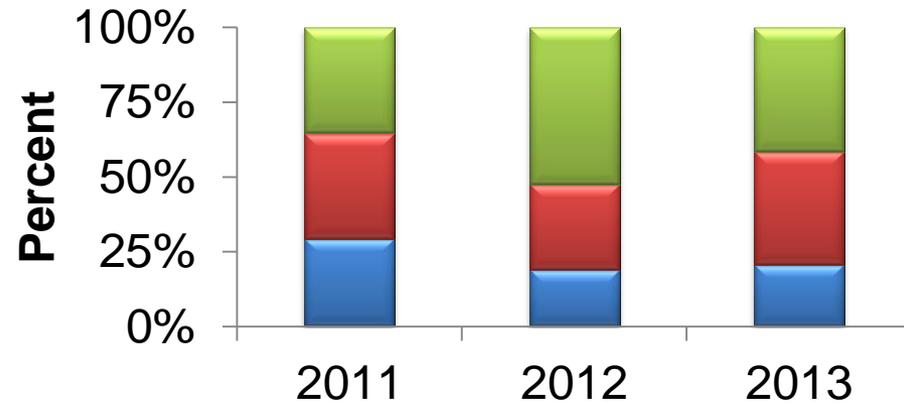
By Response Type

(Both 911 and Transfers, 911 Only, and Transfers Only)

Not Reporting by Response Type



Percent Not Reporting by Response Type



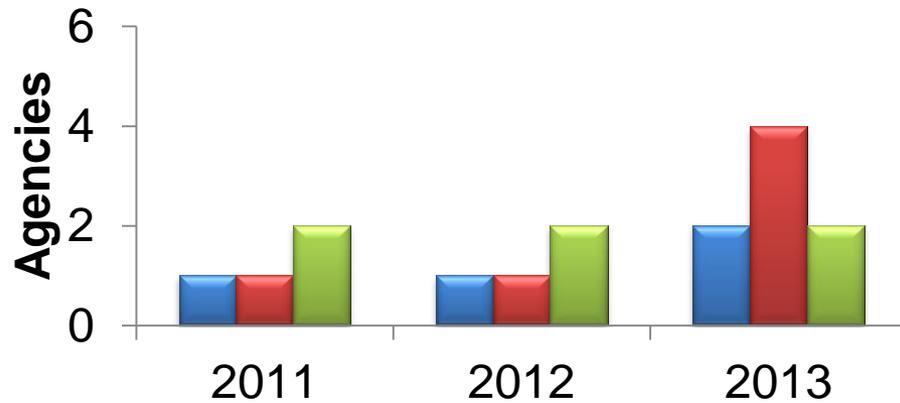
- Both Emergency 911 & Transfer
- Emergency 911
- Transfer

Did Not Report to Trauma Registry – RAC S

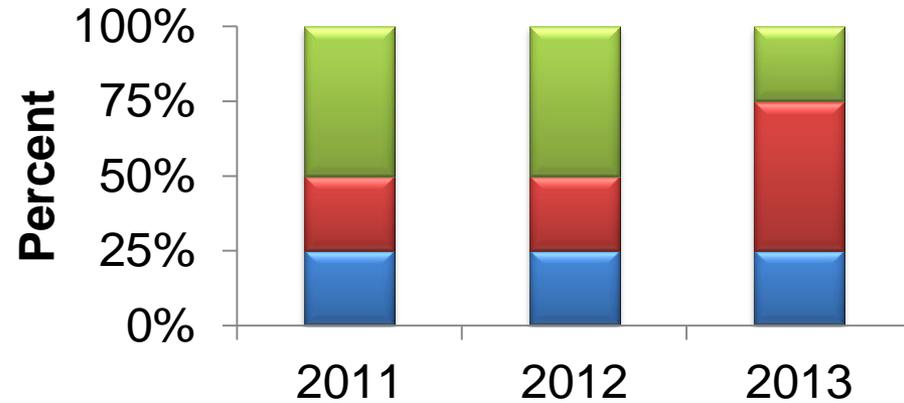
By Response Type

(Both 911 and Transfers, 911 Only, and Transfers Only)

Not Reporting by Response Type



Percent Not Reporting by Response Type



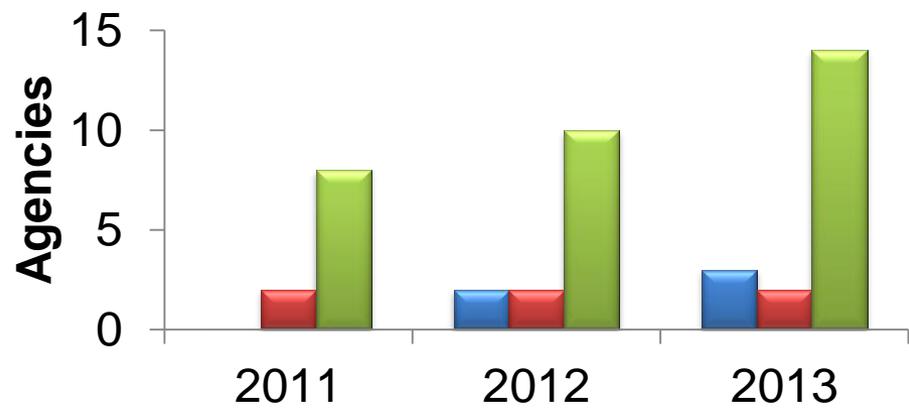
- Both Emergency 911 & Transfer
- Emergency 911
- Transfer

Did Not Report to Trauma Registry – RAC T

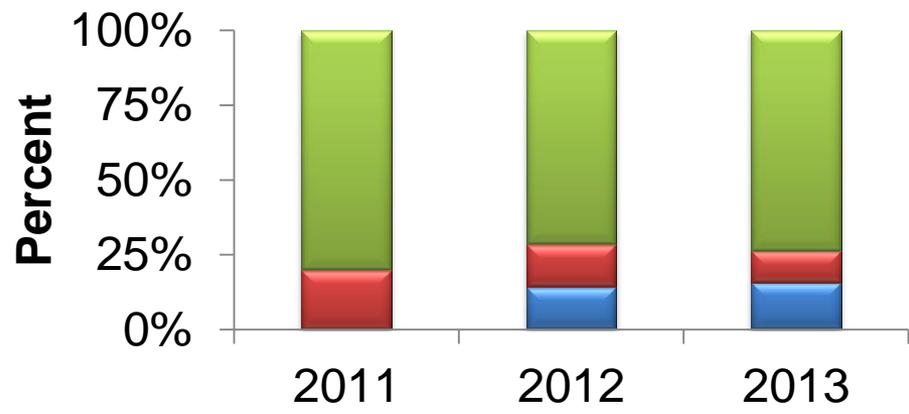
By Response Type

(Both 911 and Transfers, 911 Only, and Transfers Only)

Not Reporting by Response Type



Percent Not Reporting by Response Type



- Both Emergency 911 & Transfer
- Emergency 911
- Transfer

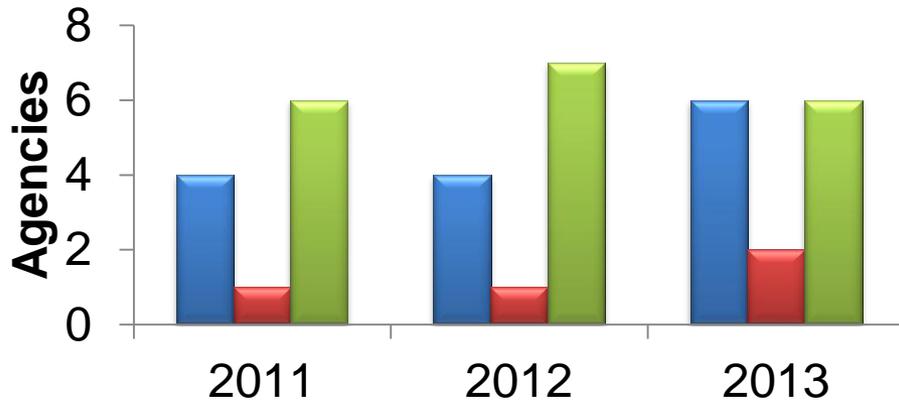


Did Not Report to Trauma Registry – RAC U

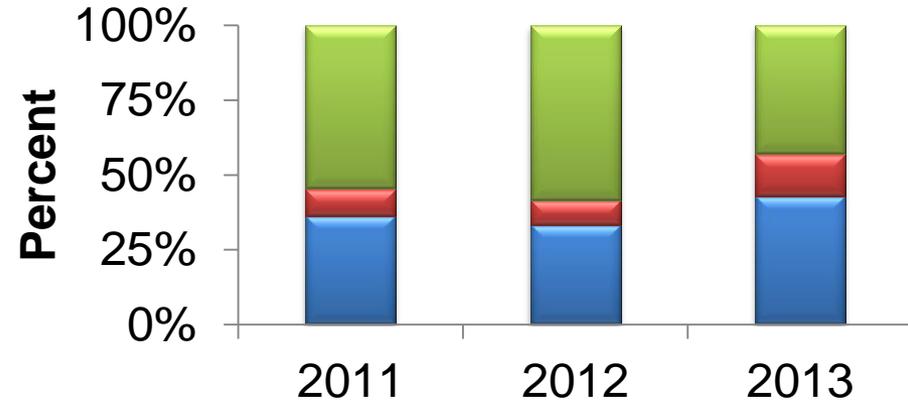
By Response Type

(Both 911 and Transfers, 911 Only, and Transfers Only)

Not Reporting by Response Type



Percent Not Reporting by Response Type



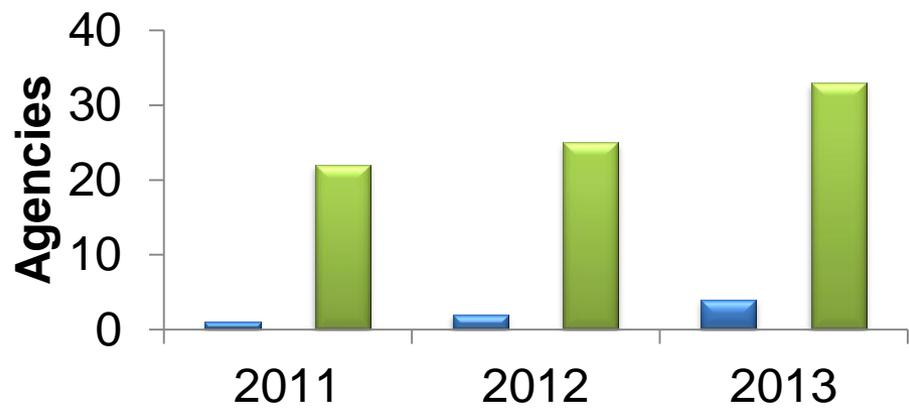
- Both Emergency 911 & Transfer
- Emergency 911
- Transfer

Did Not Report to Trauma Registry – RAC V

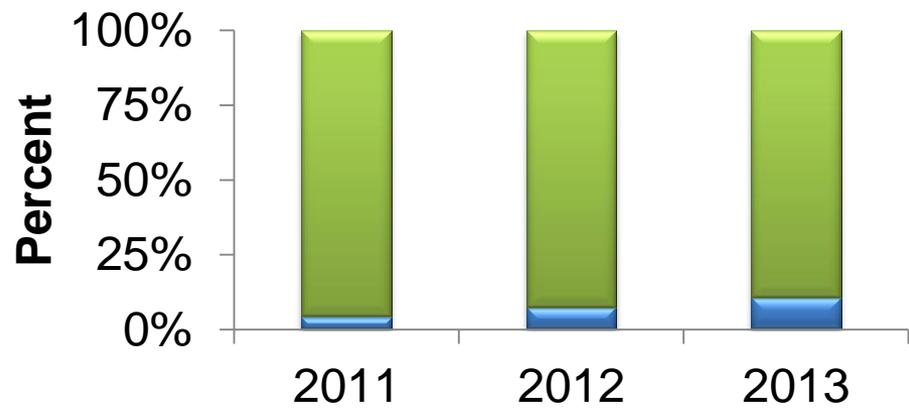
By Response Type

(Both 911 and Transfers, 911 Only, and Transfers Only)

Not Reporting by Response Type



Percent Not Reporting by Response Type



- Both Emergency 911 & Transfer
- Emergency 911
- Transfer



Did Not Report to Trauma Registry – State Level

Submitted Affidavit

	2011		2012	
	YES	NO	YES	NO
Both Emergency 911 & Transfer	9	49	8	55
Emergency 911	7	43	9	46
Transfer	1	251	2	321
Unknown Response Type	-	14	-	8
Total	17	357	19	430

Approximately 4.5% of EMS agencies that did not report data to the EMS/Trauma registry reported runs via affidavit.

Level of Care

Level of Care – RAC & State Level

Level of Care

RAC

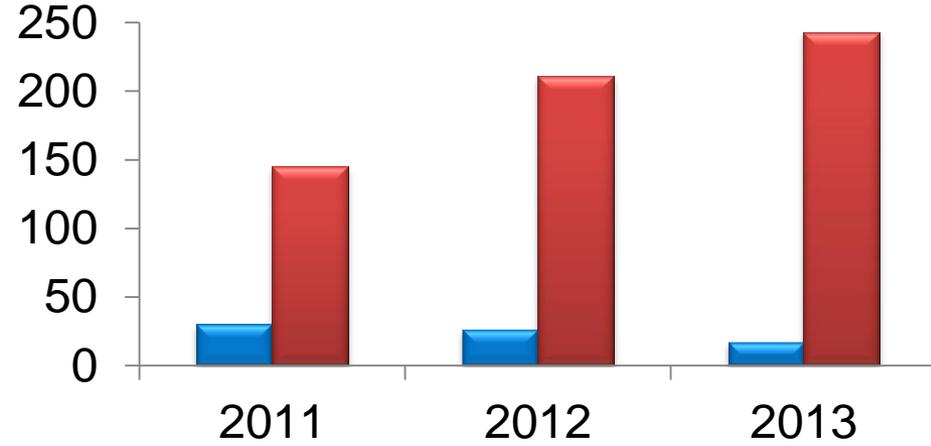
69% of EMS agencies are Mobile Intensive Care Units (MICUs).

	Advance Life Support	Basic Life Support	Mobile Intensive Care Unit
A	4	6	38
B	5	4	34
C	1	2	14
D	2	2	26
E	1	9	132
F	1	1	5
G	2	1	19
H	0	2	7
I	1	1	10
J	0	2	23
K	4	1	12
L	0	2	11
M	0	1	7
N	1	0	12
O	0	5	32
P	8	14	63
Q	4	159	135
R	2	7	42
S	1	5	10
T	1	12	9
U	4	3	23
V	11	21	25
State	53	260	689



Basic Life Support

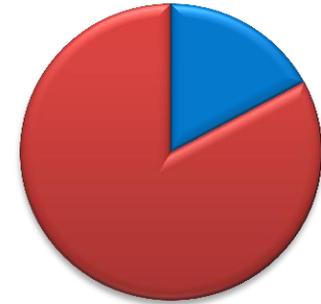
Agencies



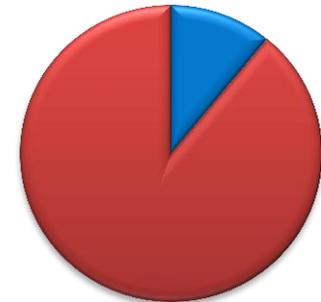
- Reported to Trauma Registry
- Did Not Report to Trauma Registry

94% of BLS agencies did not submit data to the EMS/Trauma Registry in 2013

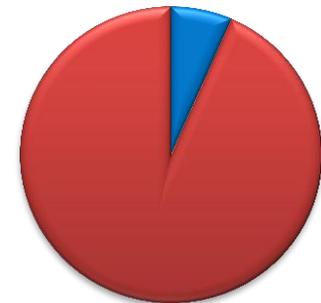
2011



2012

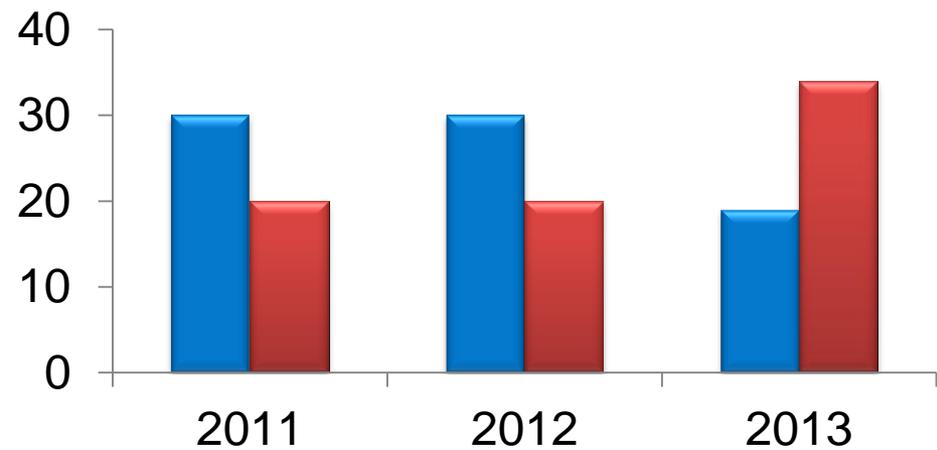


2013



Advance Life Support

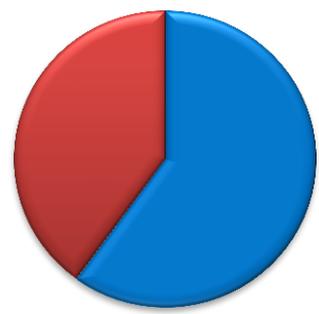
Agencies



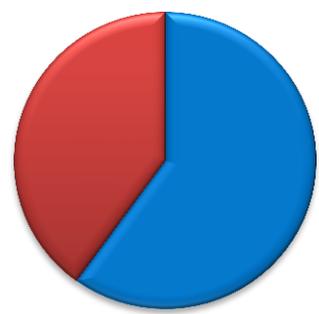
- Reported to Trauma Registry
- Did Not Report to Trauma Registry

64% of ALS agencies did not submit data to the EMS/Trauma Registry in 2013

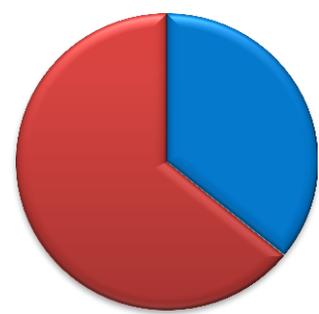
2011



2012



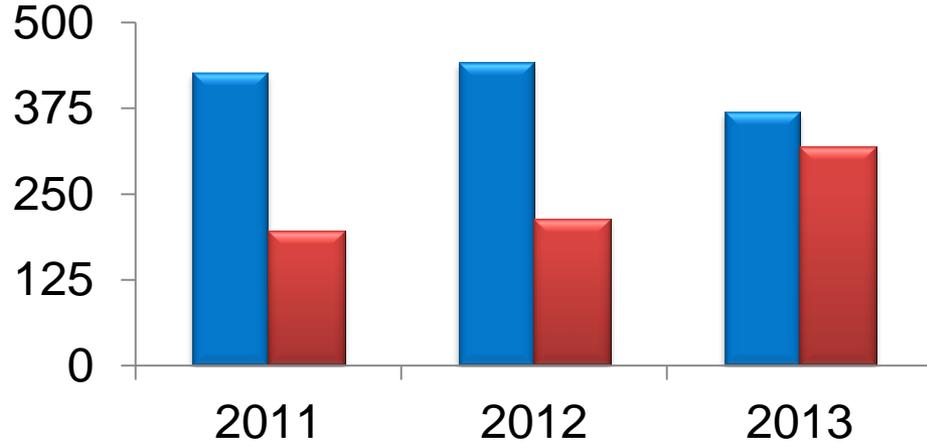
2013



Level of Care – State Level

Mobile Intensive Care Unit

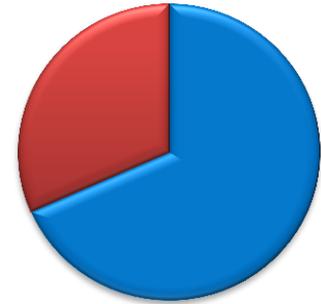
Agencies



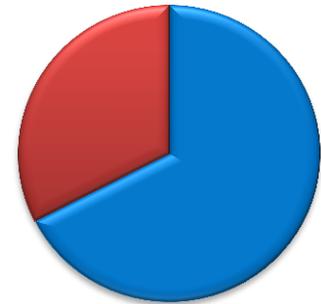
- Reported to Trauma Registry
- Did Not Report to Trauma Registry

46% of MICU agencies did not submit data to the EMS/Trauma Registry in 2013

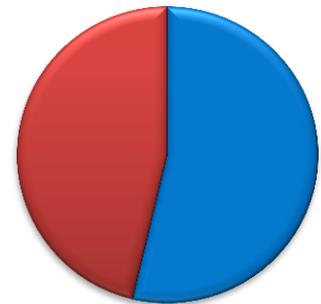
2011



2012



2013



For Questions Regarding This Summary

Christopher J. Drucker, PhD
Texas Department of State Health Services
Injury & EMS/Trauma Registry Group
christopher.drucker@dshs.state.tx.us
(Direct) 512-776-3575

