

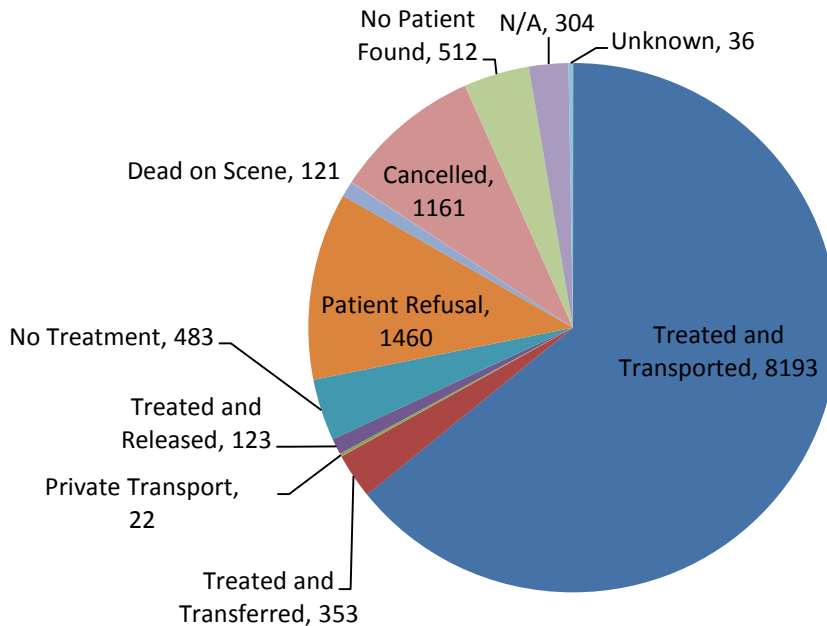


REMS Council Quality Improvement Committee

Incident Disposition Summary

FY2015 Quarter 2 (October – December, 2014)

1. Total number of reports filed (as reported)ⁱ: 12,088
2. Total number of reports reviewed (as reported): 4,198
3. Level of Careⁱⁱ:
 - a. ALS: 4,873
 - b. BLS: 5,038
 - c. N/A: 2,857



4. Incident Disposition:
 - a. Treated & Transported: 8,193
 - b. Treated & Transferred: 353
 - c. Treated, Transported by Private: 22
 - d. Treated & Released: 123
 - e. No Treatment Required: 483
 - f. Patient Refusal: 1,460
 - g. Dead on Scene: 121
 - h. Cancelled: 1,161
 - i. No Patient Found: 512
 - j. Not Applicable: 304
 - k. Unknown: 36

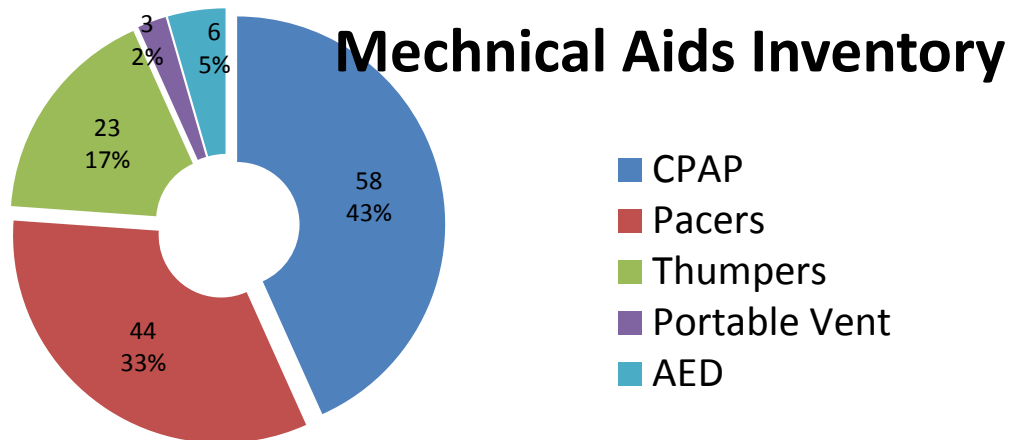
ⁱ This, of course, does not include non-compliant agencies and agencies which failed to complete this section of the data form.

ⁱⁱ As usual, these numbers do not all add up nicely. I believe that better instructions need to be issued regarding the completion of the data sheet until such a time that all of this information may be pulled from VPHIB.



REMS Council Quality Improvement Committee
System Indicator Summary and Report
FY2015 Quarter 2 (October – December, 2014)

Mechanical Aid Survey:



1. Total number of reported mechanical aidsⁱ: 134

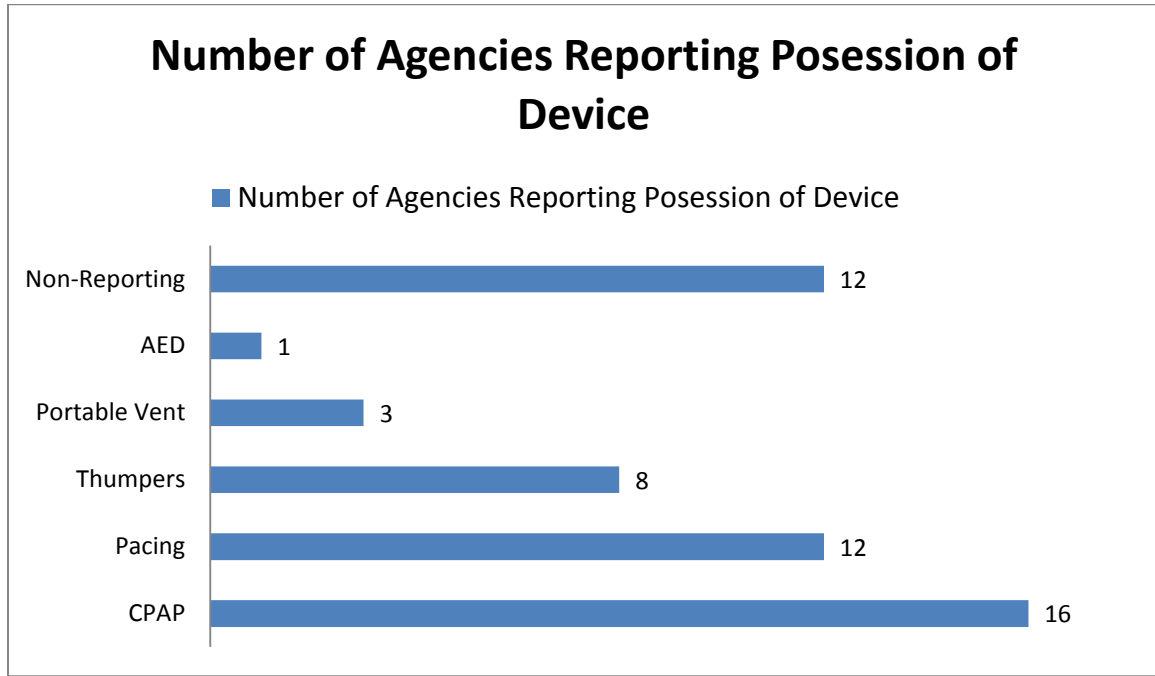
- a. CPAP: 58
- b. Pacers (Cardiac Monitors): 44
- c. “Thumpers”ⁱⁱ: 23
- d. Portable Ventilators: 3
- e. AEDsⁱⁱⁱ: 6

2. Average Approximate Elapsed Time (all devices): 13 minutes

- a. CPAP: 18
- b. Pacers: 50
- c. Thumpers: 3.8



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3. Number of agencies with each respective device (32 reporting):
- a. CPAP: 16
 - b. Pacers (Cardiac Monitors): 12
 - c. “Thumpers”: 8
 - d. Portable Ventilators: 3
 - e. AEDs: 1

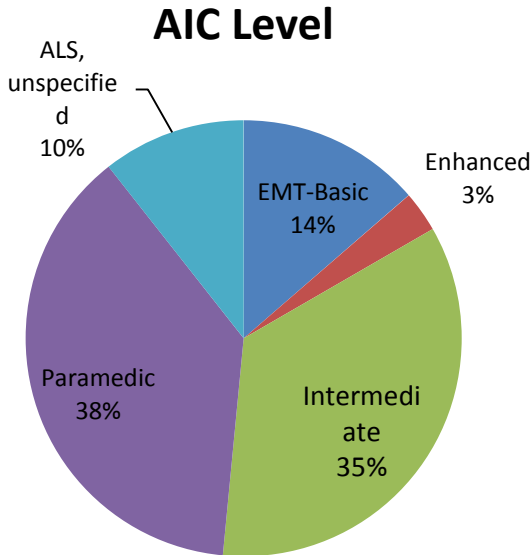


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System Indicator Summary and Report

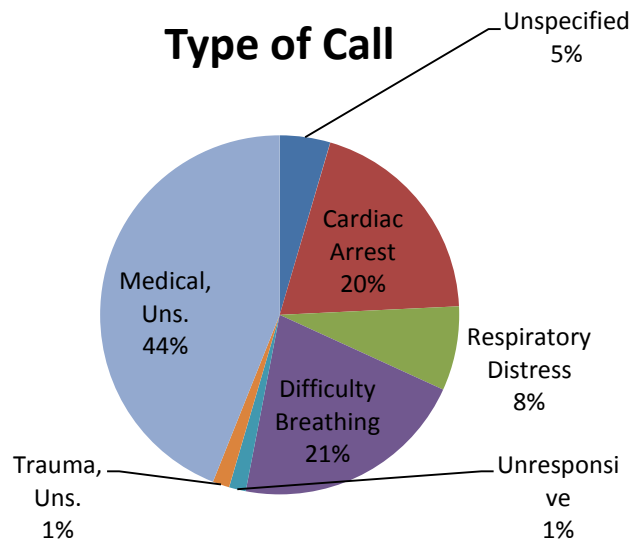
FY2015 Quarter 2 (October – December, 2014)

4. Total number of calls during which a mechanical aid was used^{iv}: 66



a. AIC Level:

- i. EMT-B: 9
- ii. Enhanced: 2
- iii. EMT-I: 23
- iv. EMT-P: 25
- v. ALS: 7



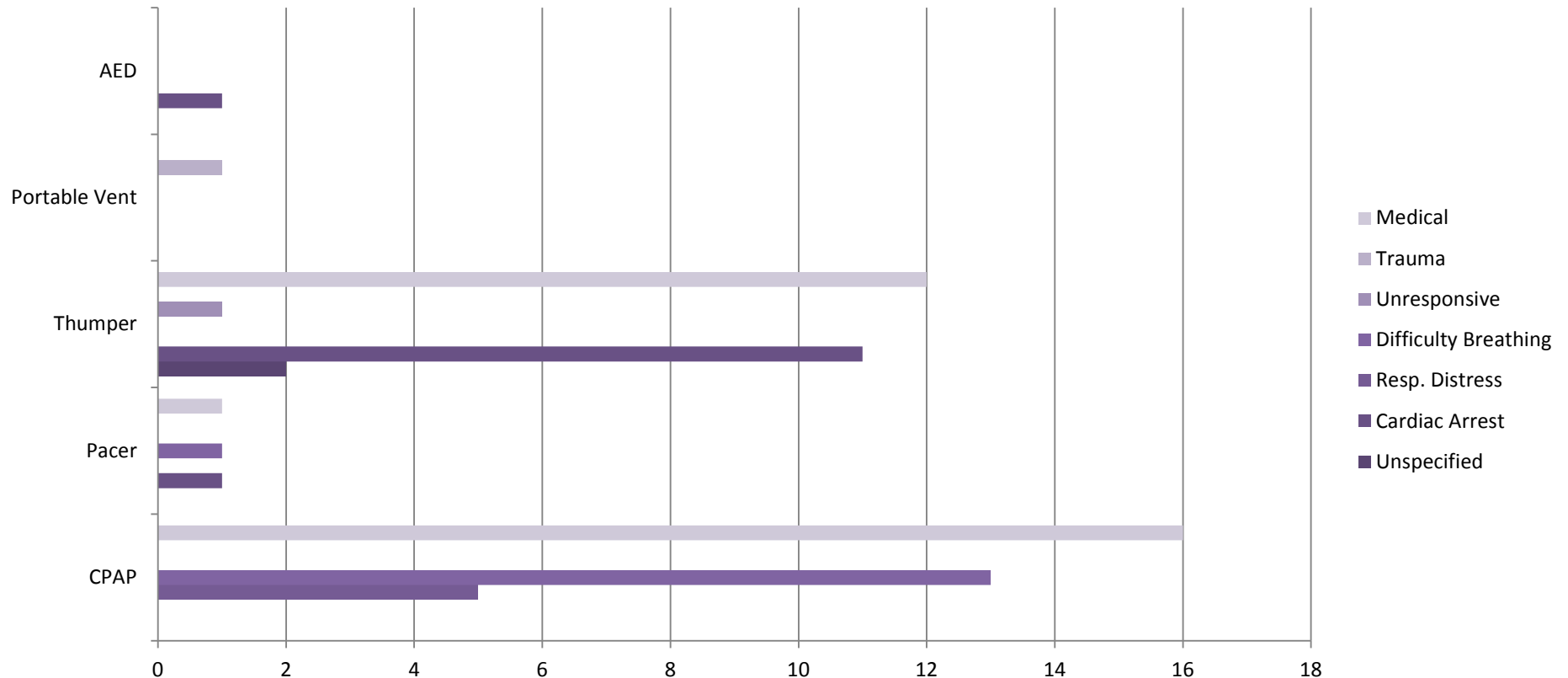
b. Type of call:

- i. Unspecified: 3
- ii. Cardiac Arrest: 13
- iii. Respiratory Distress: 5
- iv. Difficulty Breathing: 14
- v. Unresponsive: 1
- vi. Trauma, Unspecified: 1
- vii. Medical, Unspecified: 29



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5. Device used, broken down by type of call:



ⁱ Two agencies reported approximate numbers as follow: Fauquier County Dept. FREM with 3-5 “thumper” devices per ambulance, 1 CPAP per ambulance, and 1 pacer per ambulance. Warrenton Volunteer Fire with 4-6 CPAP per “unit.” Requests for clarification received no response. We also had 12 non-compliant agencies, and one agency that neglected to complete this specific section of the indicators.

ⁱⁱ A majority of agencies specified that they possess Lucas II devices. Two agencies carry AutoPulses.

ⁱⁱⁱ Only one agency reported AEDs as separate devices. I assume many of these agencies have cardiac monitors with integrated pacing and AED functions.

^{iv} I feel there were probably more calls with mechanical aid usage than this; I believe that agencies stopped filling in report details when they ran out of room on the form rather than submitting additional information on a separate page.



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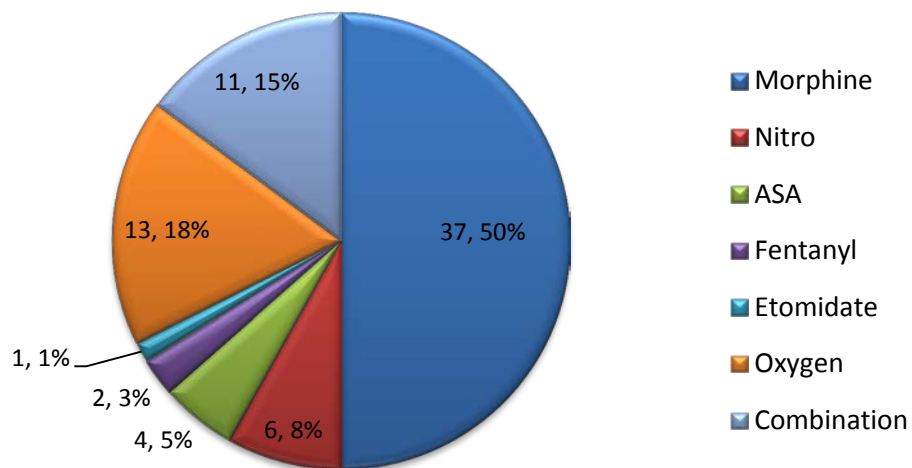
Medical Indicator Summary and Report

FY2015 Quarter 2 (October – December, 2014)

Pain Management Survey:

1. Total number of reported pain management casesⁱ: 285

Pain Management Cases - Drugs Administered



a. Total cases with pharmacological interventionⁱⁱ: 74

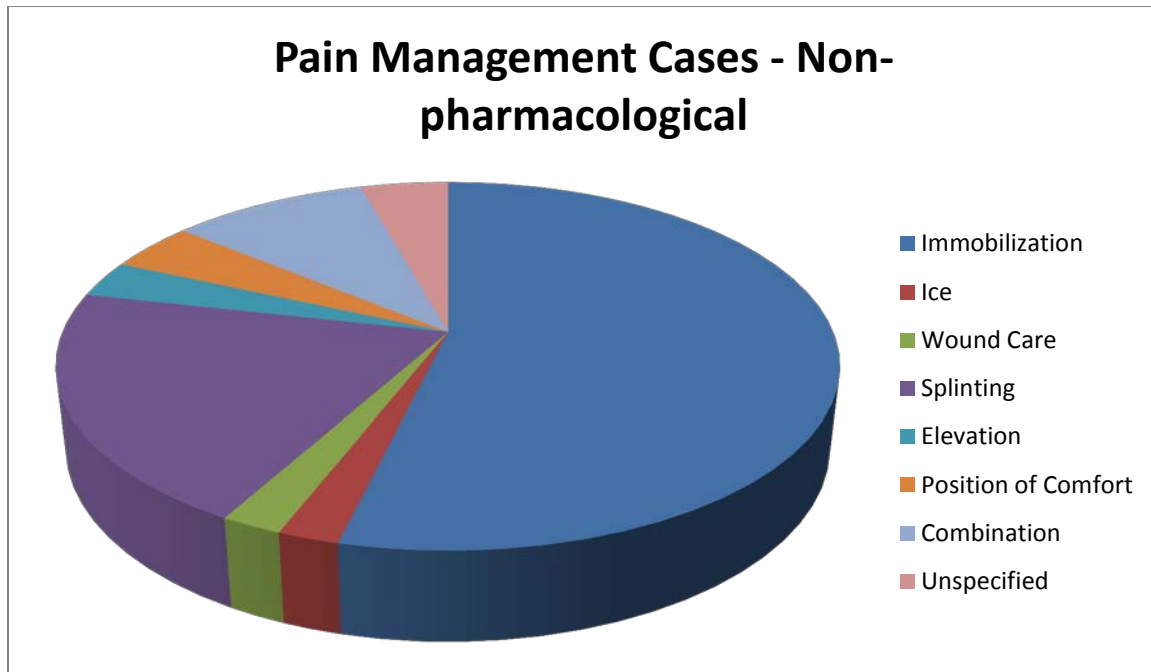
- i. Morphine: 37
- ii. Nitro: 6
- iii. ASA: 4
- iv. Fentanyl: 2
- v. Etomidate: 1
- vi. Oxygen: 13
- vii. Combinationⁱⁱⁱ: 11



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Medical Indicator Summary and Report

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b. Total cases with non-pharmacological intervention:	93
i. Immobilization:	50
ii. Ice:	2
iii. Wound Care:	2
iv. Splinting:	19
v. Elevation:	3
vi. Position of Comfort:	4
vii. Combination ^{iv} :	9
viii. Unspecified:	4
c. Total unknown/unreported:	3



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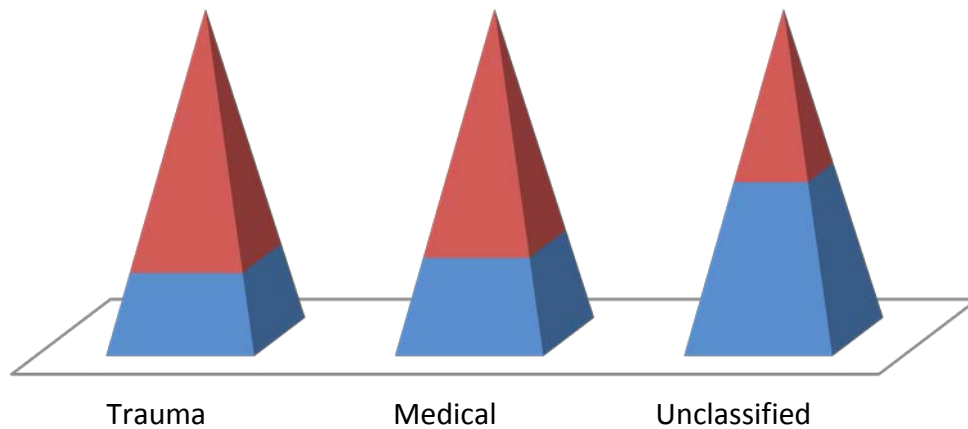
Medical Indicator Summary and Report

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- d. Total uses of pain scale: 239
e. Total number of cases with documented improvement: 86

Chart Title

■ Percent with Pharmacological Intervention ■ Percent Without



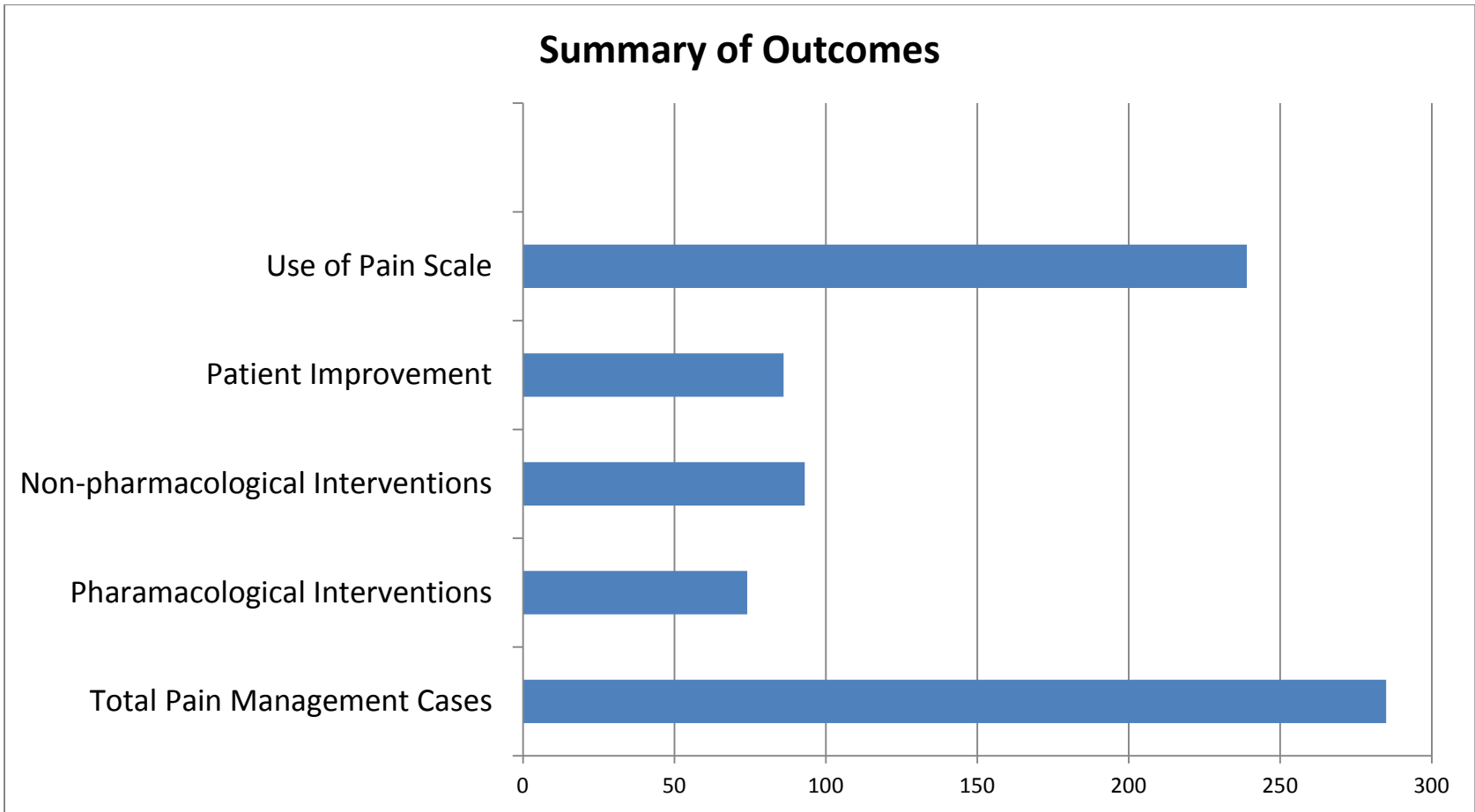
- f. Number of cases classified “trauma”: 138
 i. Trauma cases with pharmacological intervention: 33
g. Number of cases classified “medical”: 145
 i. Medical cases with pharmacological intervention: 41
h. Number of unclassified cases: 2



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Medical Indicator Summary and Report

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ⁱ Only one agency specified method of delivery and dosage on any medications administered, hence that data is excluded.

ⁱⁱ After developing these reports, I realized that some agencies listed oxygen as a non-pharmacological intervention. Therefore, the number of cases with pharmacological intervention was originally tallied as 69, then adjusted to accommodate those reports including oxygen.

ⁱⁱⁱ Most common combinations were some variation of Oxygen and morphine or ASA and nitro.

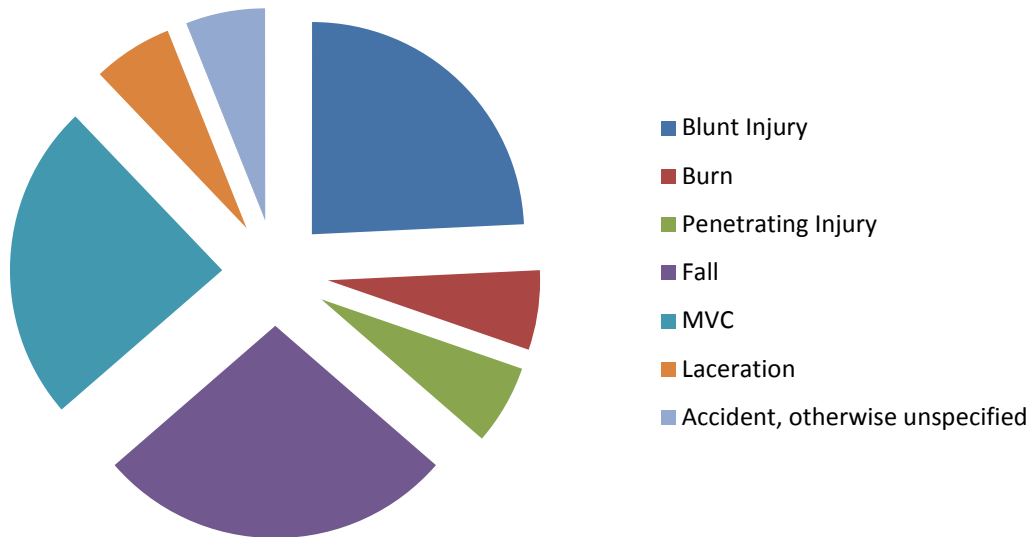
^{iv} General combinations were ice and elevation, splinting and elevation, and immobilization and ice.



REMS Council Quality Improvement Committee
Trauma Indicator Summary and Report
FY2015 Quarter 2 (October – December, 2014)

Pediatric Trauma Survey: Extremity Fracturesⁱ

Pediatric Trauma Calls



1. Total number of cases reported:	33
a. MOI:	
i. Blunt Injury:	8
ii. Burn:	2
iii. Penetrating Injury:	2
iv. Fall:	9
v. MVC:	8
vi. Laceration:	2
vii. “Accident”, otherwise unspecified:	2
2. Cases with possible extremity fracture:	3
3. Immobilizations:	5
4. Pain management administered ⁱⁱ :	0

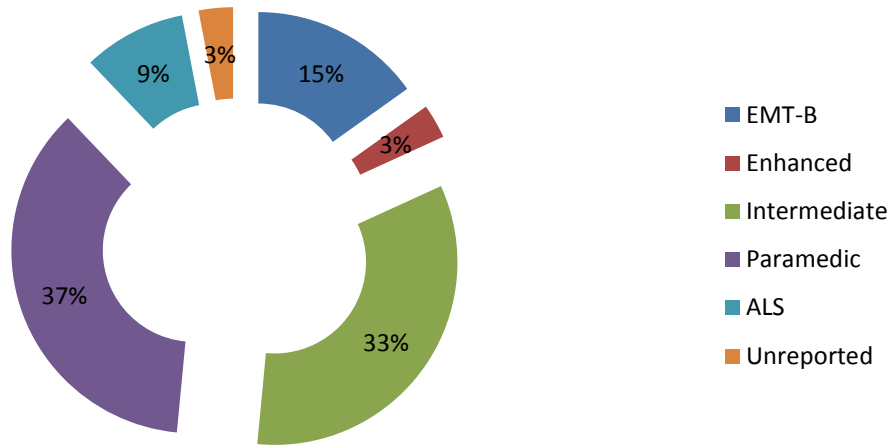


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Trauma Indicator Summary and Report

FY2015 Quarter 2 (October – December, 2014)

AIC Level



5. AIC Level:

a. EMT-B:	5
b. Enhanced:	1
c. Intermediate:	11
d. Paramedic:	12
e. ALS, not otherwise specified:	3
f. Unreported:	1

ⁱ It seems that this number may be inaccurate—I think some agencies took it to mean all pediatric calls while others took it to mean all pediatric calls with potential extremity fractures. Reporting may also have been limited by the number of spaces on the form.

ⁱⁱ I think that agencies may have taken this to mean pharmacological interventions only, as this figure seems incorrect.