

6/11/2007

Summary Results of Alaska EMS Prehospital Survey (total 102)

Sent 1st survey notice to 87 medical directors by email on 4/27/07

1. Sent survey to 12 medical directors by fax from 5/2-5/7
2. Sent survey to 3 medical directors by snail mail
3. Sent final reminder by email on 5/14/07

A. Total of 22 completed surveys (first one done 4/27/07 and last one done 5/23/07)

B. EMS Regions represented:

1. Interior Region = 4 (18.18%)
2. Southern Region = 8 (36.36%)
3. Southeast Region = 6 (22.73%)
4. Norton Sound = 1 (4.55%)
5. North Slope Borough = 1 (4.55%)
6. YKHC = 1 (4.55%)
7. Northwest Artic = 1 (4.55%)

C. How large is service area?

1. From 2 sq miles to 6,250, 000 sq miles

D. What is the population of your service area?

1. < 5,000 = 5 (23.8%)
2. 5,000 – 15, 000 = 8 (38.1%)
3. 15,000 – 50,000 = 4 (19%)
4. 50,000 – 100,000 = 0
5. >100,000 = 4 (19%)

E. Which describes your population of your service area?

1. Frontier = 4 (19%)
2. Mixed – more frontier than urban = 10 (47.62%)
3. Mixed – more urban than frontier = 6 (28.57%)
4. All urban = 1 (4.76%)

F. What was your total EMS transports in 2006?

1. 1- 750 = 9
2. 750 – 2, 000 = 2
3. >2, 000 = 4
4. others said lots, don't know, not sure

E. Which describes the organization of you EMS service

1. Hospital based = 3 (14.29%)
2. Fired department based = 13 (61.9%)
3. Stand alone services = 4 (19%)
4. Other = clinic = 1 (4.76%)

F. What is highest EMS level of life support?

1. BLS = 0
2. ALS or ACLS = 19 (90.48%)
3. ALS sometimes = 2 (9.52%)

G. Are strokes treated as emergent by dispatch?

1. Yes = 16 (84.2%)

2. No = 2 (10.52%)
3. Don't know = 1

H. What is the response time goal for your EMS?

1. ALS within 8 minutes = 14
2. BLS with in 4 minutes = 2

I. What do first responders provide ED staff upon arrival on stroke patient?

1. Comprehensive information = 6 (28.5%)
2. Some information about signs and symptoms, vital signs and that patient is suspected stroke = 13 (61.9%)
3. Information about signs and symptoms = 2

J. Do you have a written policy to determine where stroke patients are transported?

1. Yes = 5 (23.8%)
2. **No = 13 (61.9%)**
3. Don't know = 3 (14.2%)

K. Do you typically bypass on or more hospitals to transport to hospital with more stroke care capabilities?

1. Yes = 4
2. No = 17

L. How early do EMS personnel activate the alert system for a stroke patient to the hospital?

1. On scene = 7(33.3%)
2. Immediately enroute = 8 (38%)
3. Within 5 minutes of arrival = 3 (14.2%)
4. Do not notify prior to arrival = 3 (14.2%)

M. Do you have a written protocol for stroke patients?

1. Yes = 16 (76%)
2. **No = 4 (19%)**
3. Don't know = 1

N. If yes to above question, does it include the following?

1. Patient positioning 12/16 = Yes
2. Oxygen = 16/16 = yes
3. IV = 14/16 = Yes
4. Heart monitor = 13/16 = yes
5. Pharmacological interventions = 5/16 = yes
6. Blood Glucose check = 13/16 = yes
7. Airway management = 16/16 = yes
8. Other treatment decisions = 11/16 =yes

O. Which stroke scales are used by personnel?

1. Cincinnati = 7 (33.3%)
2. Modified Cincinnati = 1 (4.7%)
3. **None = 9 (42%)**
4. Don't know = 3 (14.2%)

P. Do your providers record stroke scale data?

1. Yes = 9 (Run sheet = 8) (data base = 2)
2. No = 10
3. Don't know = 2

Q. How frequently are personnel trained in stroke?

1. > once a year = 3
2. Once a year = 9

3. Once every 2-3 years = 5
4. Only when initially certified = 2
5. Never trained = 1

R. How frequently would you prefer training on stroke be made?

1. Quarterly = 3
2. Twice Year = 4
3. Yearly = 10
4. Once every 2 years = 4

S. What education information would you like?

- Information pertinent to care in areas where there are no stroke teams or hospitals do not have CT =2
- Protocols and scales =2
- Evidence based medicine with suggested performance measures =3
- Signs and symptoms recognition =1

T. What formats are best for your educational needs?

1. personal computer online course = 6
2. ***personal computer with DVD or CD sent to you = 11***
3. Video conference call = 3
4. Agency sponsored conference = 3
5. ***Regional conference = 9***
6. Statewide conference = 5
7. National conference = 3
8. Written material = 2