



Matanuska Susitna Borough – Department Of Emergency Services

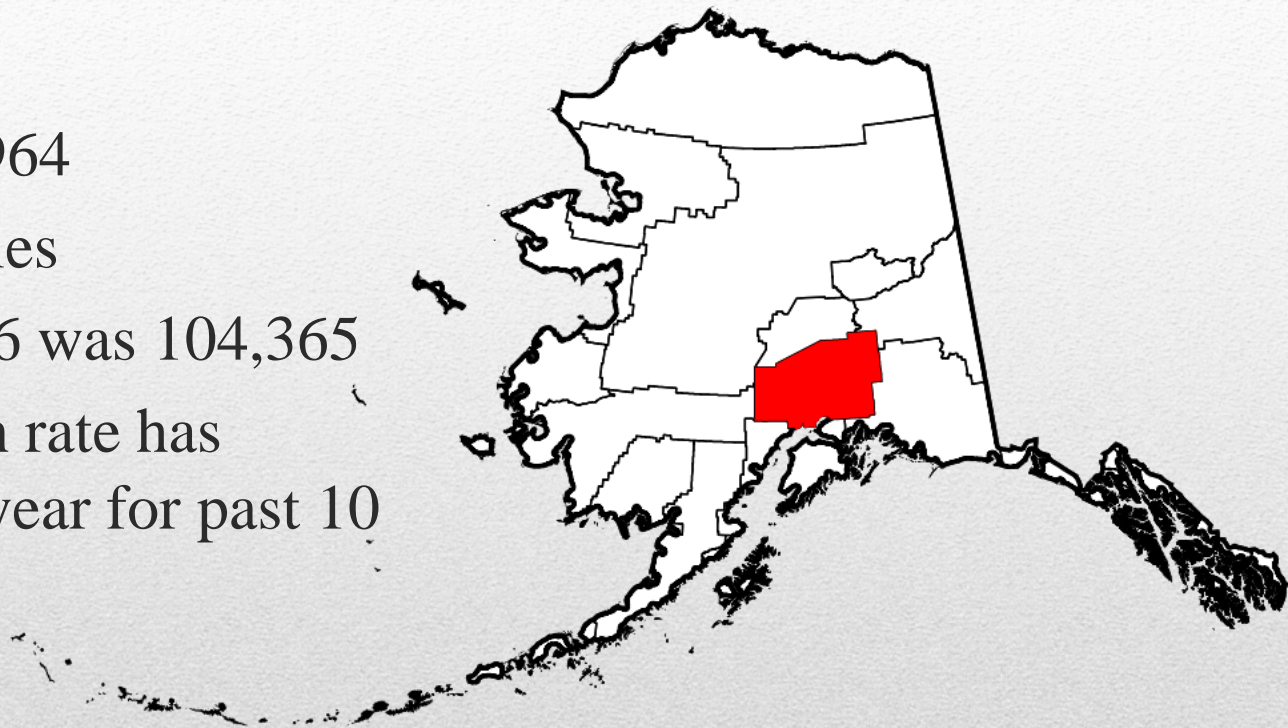
Ginny Jackson

NRP, FP-C, CCEMTP, EMS Battalion Chief





- Incorporated in 1964
- 25,258 Square miles
- Population in 2016 was 104,365
- Population growth rate has averaged 6% per year for past 10 years



MSB Demographics

Education	
High school graduate or higher, percent of persons age 25 years+, 2011-2015	92.3%
Bachelor's degree or higher, percent of persons age 25 years+, 2011-2015	20.7%
Health	
With a disability, under age 65 years, percent, 2011-2015	8.6%
Persons without health insurance, under age 65 years, percent	16.7%
Economy	
In civilian labor force, total, percent of population age 16 years+, 2011-2015	62.6%
In civilian labor force, female, percent of population age 16 years+, 2011-2015	56.4%
Total accommodation and food services sales, 2012 (\$1,000)(c)	135,542
Total health care and social assistance receipts/revenue, 2012 (\$1,000)(c)	411,527
Total manufacturers shipments, 2012 (\$1,000)(c)	53,844
Total merchant wholesaler sales, 2012 (\$1,000)(c)	134,887
Total retail sales, 2012 (\$1,000)(c)	1,039,070
Total retail sales per capita, 2012(c)	\$11,063

Demographics

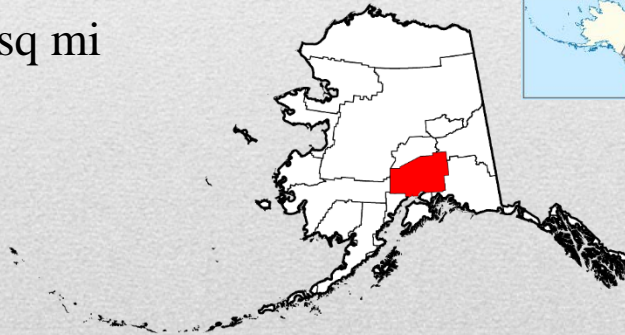
Age and Sex	
Persons under 5 years, percent, July 1, 2016, (V2016)	7.2%
Persons under 5 years, percent, April 1, 2010	7.8%
Persons under 18 years, percent, July 1, 2016, (V2016)	27.2%
Persons under 18 years, percent, April 1, 2010	28.9%
Persons 65 years and over, percent, July 1, 2016, (V2016)	10.5%
Persons 65 years and over, percent, April 1, 2010	7.9%
Female persons, percent, July 1, 2016, (V2016)	47.7%
Female persons, percent, April 1, 2010	48.3%
Race and Hispanic Origin	
White alone, percent, July 1, 2016, (V2016) (a)	83.3%
Black or African American alone, percent, July 1, 2016, (V2016) (a)	1.2%
American Indian and Alaska Native alone, percent, July 1, 2016, (V2016) (a)	6.7%
Asian alone, percent, July 1, 2016, (V2016) (a)	1.6%
Native Hawaiian and Other Pacific Islander alone, percent, July 1, 2016, (V2016) (a)	0.4%
Two or More Races, percent, July 1, 2016, (V2016)	6.8%
Hispanic or Latino, percent, July 1, 2016, (V2016) (b)	4.8%
White alone, not Hispanic or Latino, percent, July 1, 2016, (V2016)	79.8%

Demographics

- MSB EMS serves an area roughly the size of West Virginia

MSB
Total 25,258 sq mi

West Virginia - 24,230 sq mi



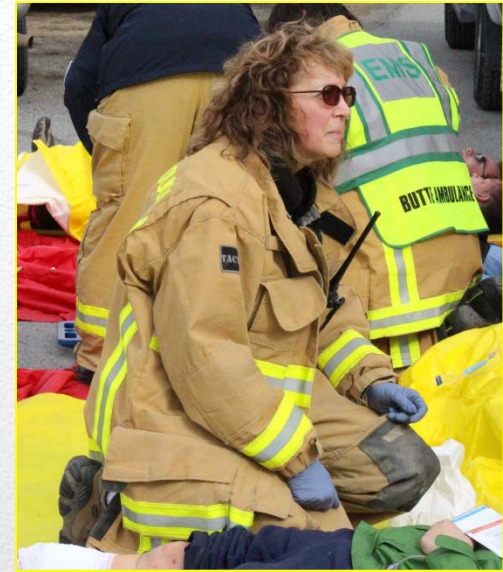
Mat Su Borough EMS

- Approximately 150 responders and Command Staff
 - Only 25 Full Time Responders
 - 16 Paramedics
 - 5 EMTs (1,2,&3s)
 - 4 Battalion Chief (Medic Ones)
 - 2 Full Time Command staff
 - 2 Full Time Educators/Trainers

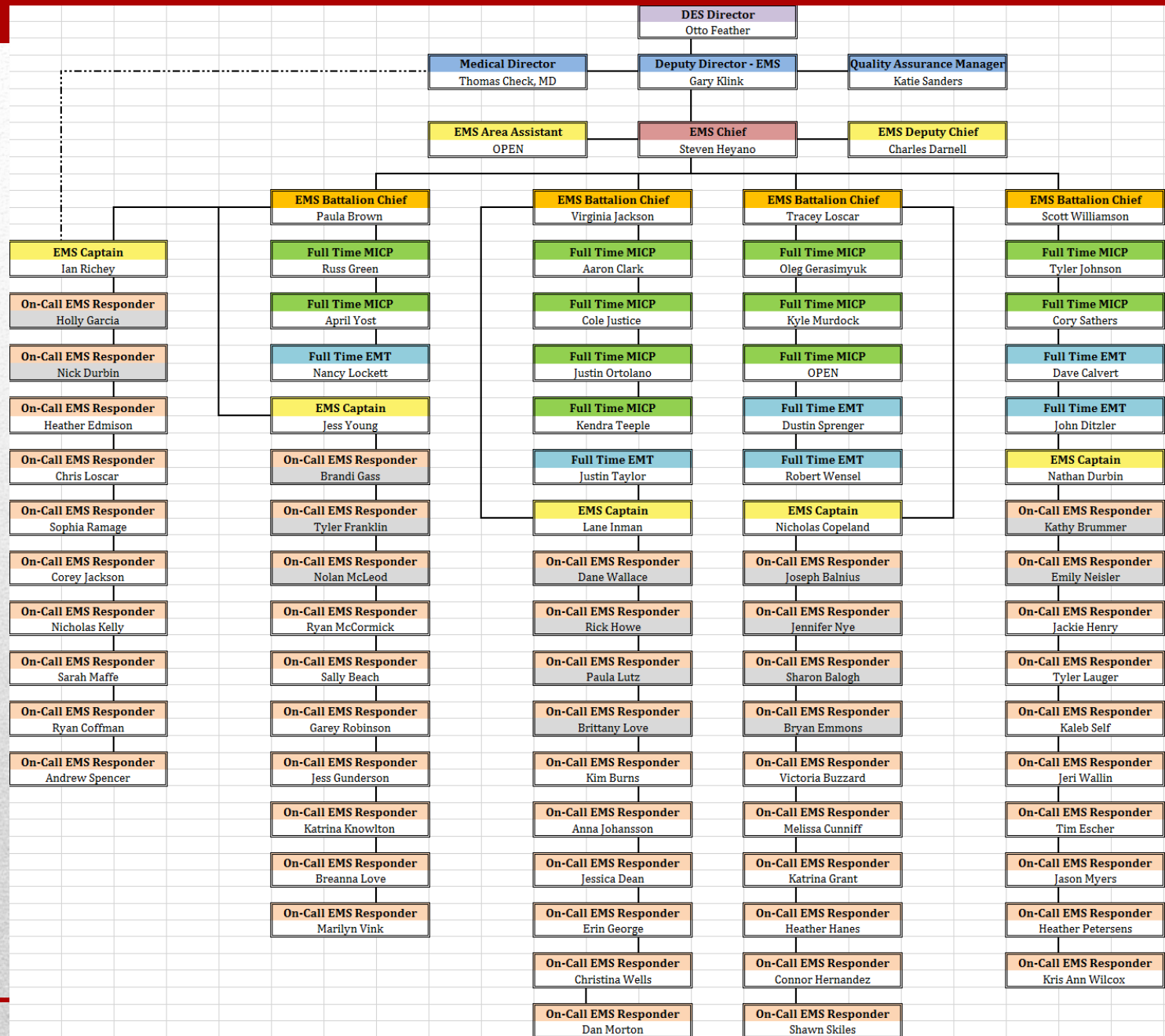
Mat Su Borough EMS

Ongoing Challenges in staffing:

- The Affordable Care Act and 29.9 hour/week limitation for responders is still a fact of life
- We are limited in the number of full-time EMS positions available to hire employees and fill the work schedule
- On-call responders are not plentiful enough to fill the gap remaining between full-time employee availability, and public need for EMS service
- As we build our system, it takes a significant amount of time to recruit and train new employees



Mat Su Borough EMS



- Staffing Model
 - 5 ACLS ambulances staffed 24/7
 - 1 in Palmer
 - 3 in Central
 - 1 in West Lakes
 - 6 BLS ambulances on-call status
 - 1 in Butte
 - 1 in Sutton
 - 1 at Victory Bible road
 - 1 in Willow
 - 2 in the Talkeetna area
 - 1 in Trapper Creek area
 - 1 MICP/ACLS provider staffed in Talkeetna



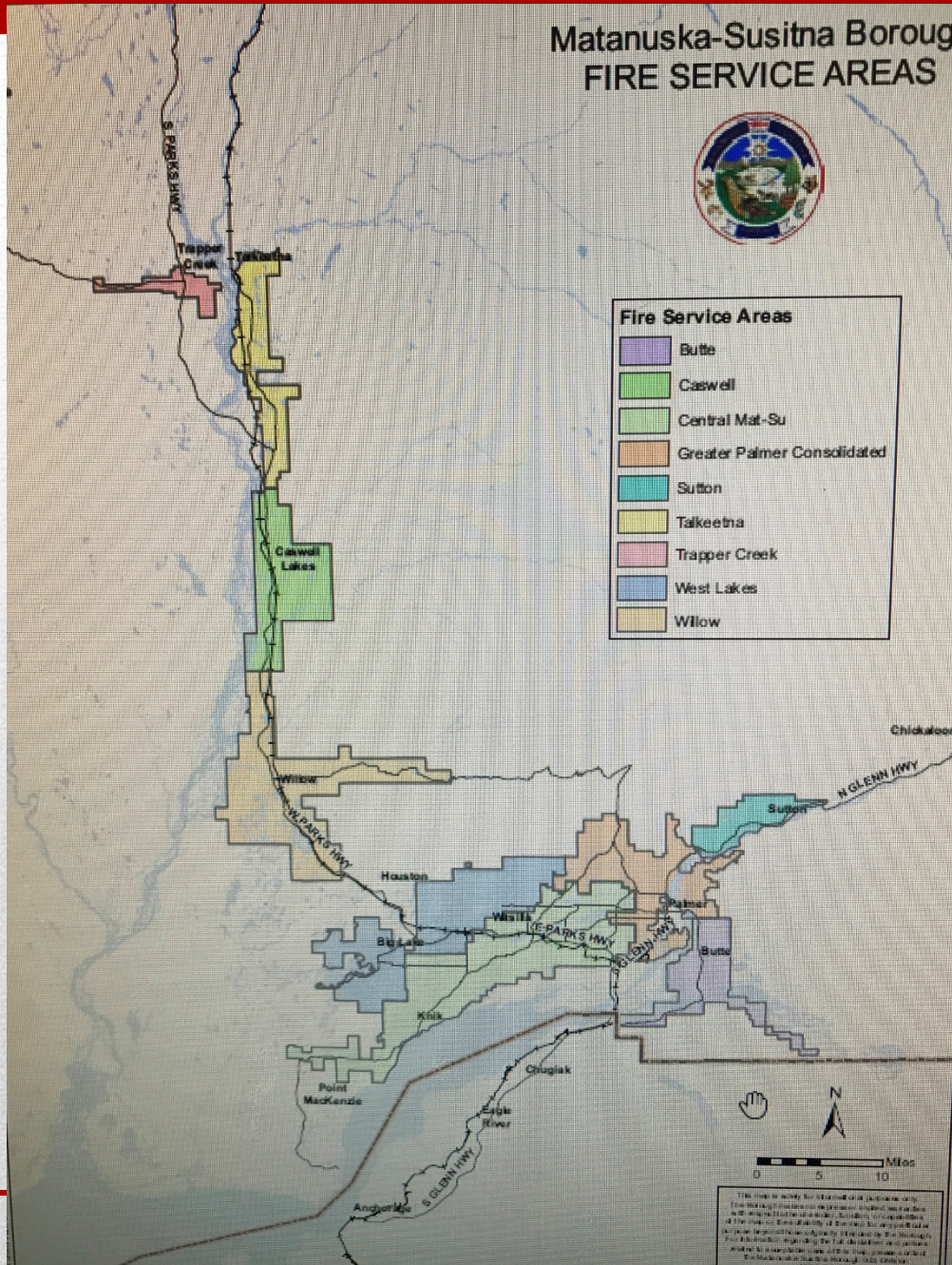
Mat Su Borough EMS

Matanuska-Susitna Borough FIRE SERVICE AREAS



Fire Service Areas

- Butte
- Caswell
- Central Mat-Su
- Greater Palmer Consolidated
- Sutton
- Talkeetna
- Trapper Creek
- West Lakes
- Willow



This map is solely for informational purposes only. The Borough of Matanuska-Susitna does not warrant or guarantee the accuracy of the information shown on this map. The Borough of Matanuska-Susitna is not responsible for any errors or omissions on this map. For more information, please contact the Borough of Matanuska-Susitna at (907) 263-1234.

- Calendar year 2015 saw EMS respond to 10,477 calls for service
- Increased to over 11,000 calls in 2016 (responded to by 10 ambulances)



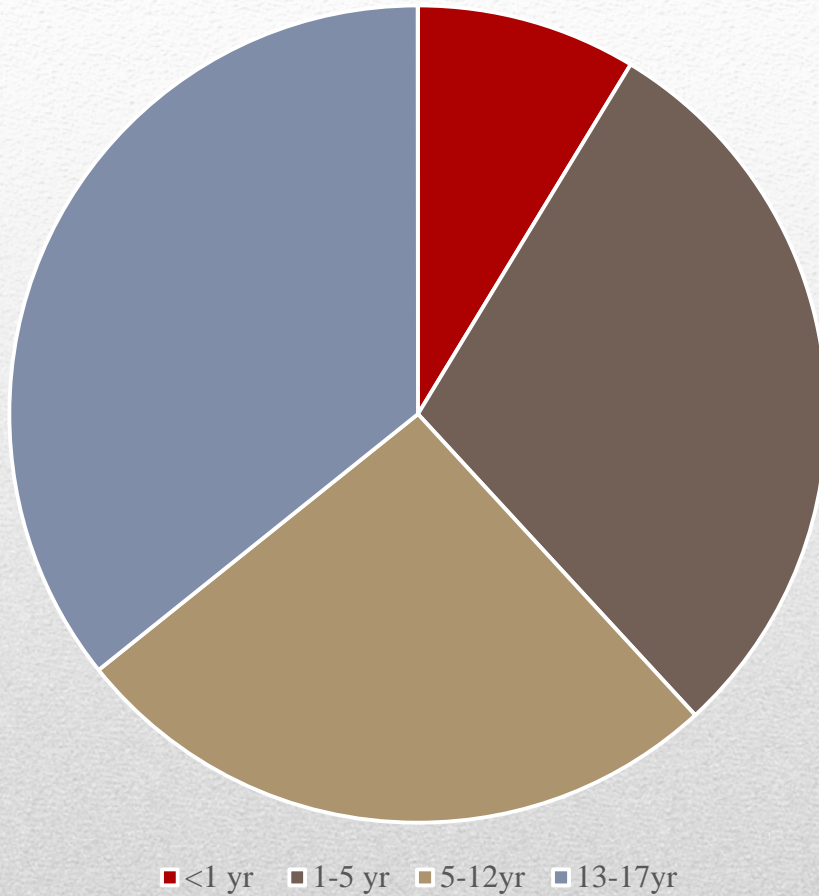
Mat Su Borough EMS

2016 MSB EMS generated 207 charts for pediatric calls.

*These number only reflects charts generated. Not necessarily a true reflection of our contact with pediatrics (ie, DV situation in the home in which we are called to care for a parent. We may file a ROH, but no chart would be generated)



Ages

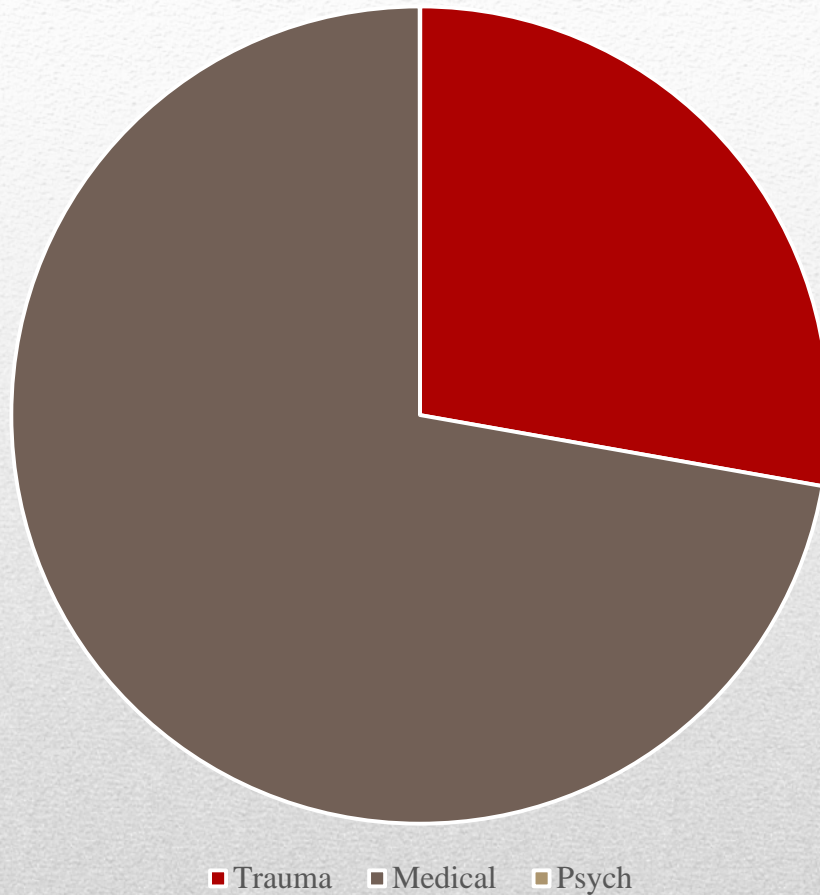


- 207 pediatric charts generated for 2016
- < 1 yr - 18 charts
- 1-5 yr - 61 charts
- 5-12yr- 54 charts
- 13-17 yr- 74 charts

Pediatrics 2016 charts



Call type

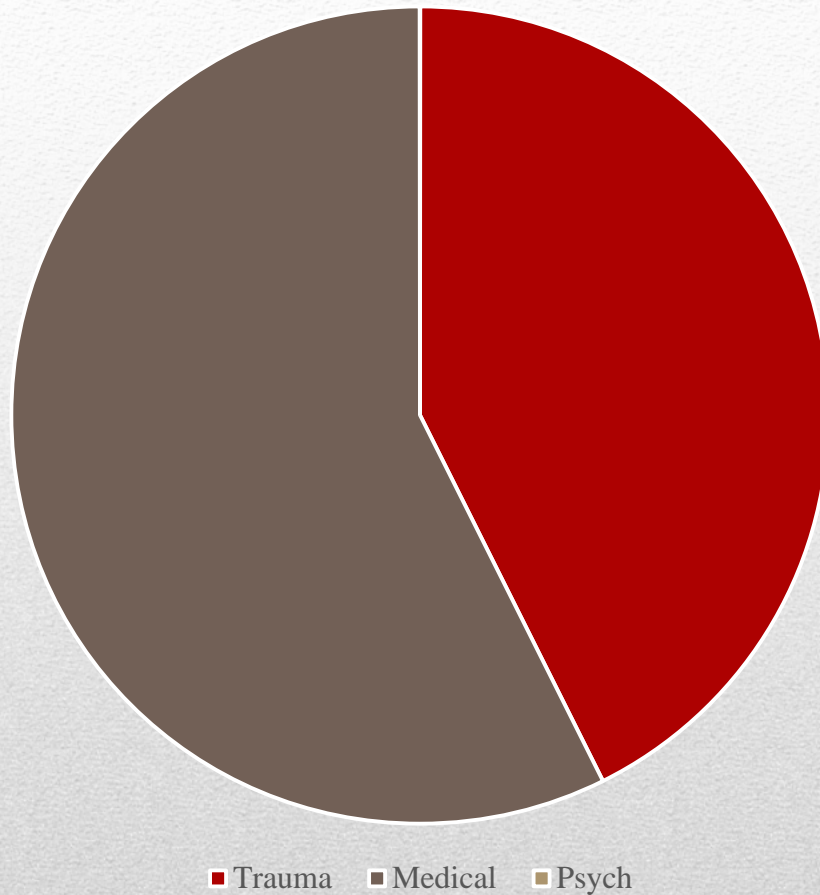


- Breakdown of call type for <1 yr of age :
- 18 charts
 - 0 psych
 - 13 medical
 - 5 trauma

<1 year of age..



Call type

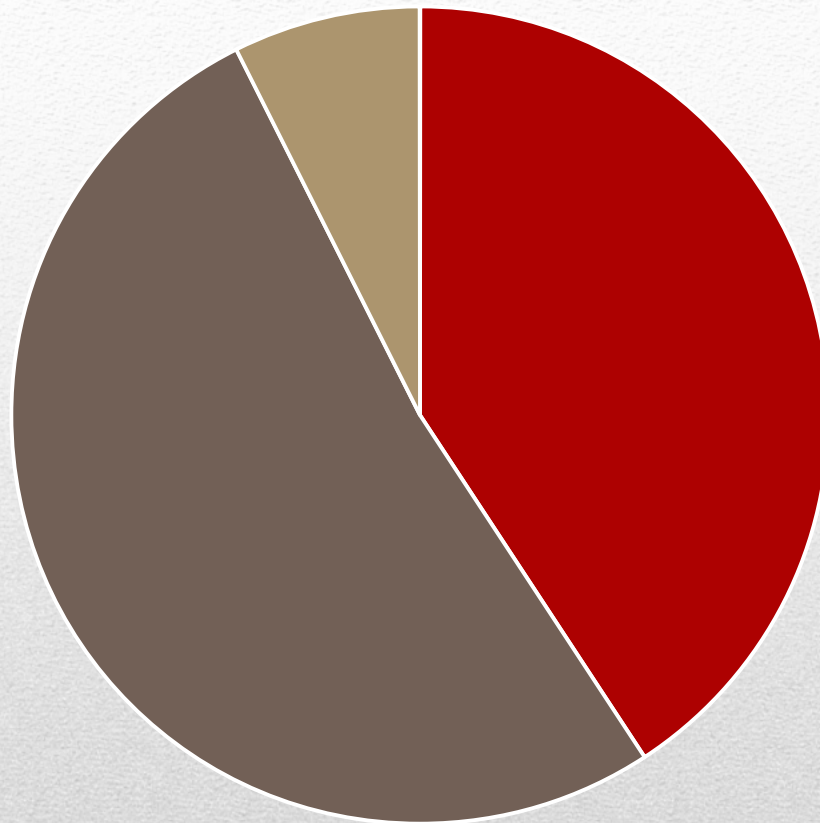


- Breakdown of call type for ages 1-5 yr :
- 61 charts
 - 0 psych
 - 35 medical
 - 26 trauma

1-5 years of age..



Call type



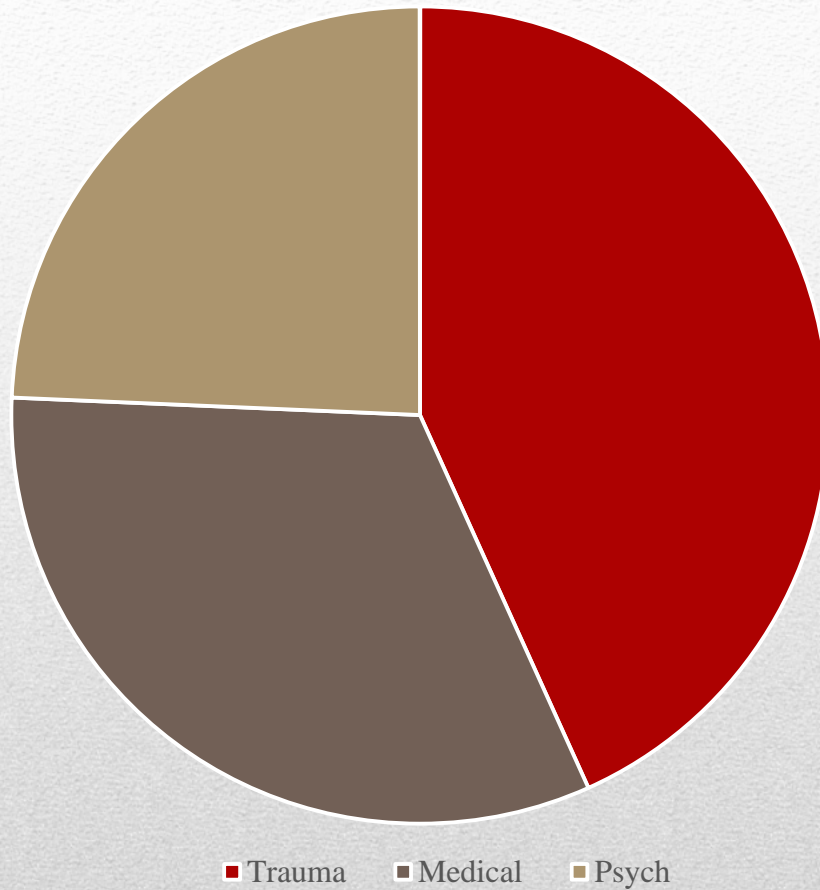
■ Trauma ■ Medical ■ Psych

- Breakdown of call type for ages 5-12 yr :
- 54 charts
 - 4 psych
 - 28 medical
 - 22 trauma

5-12 years of age..



Call type

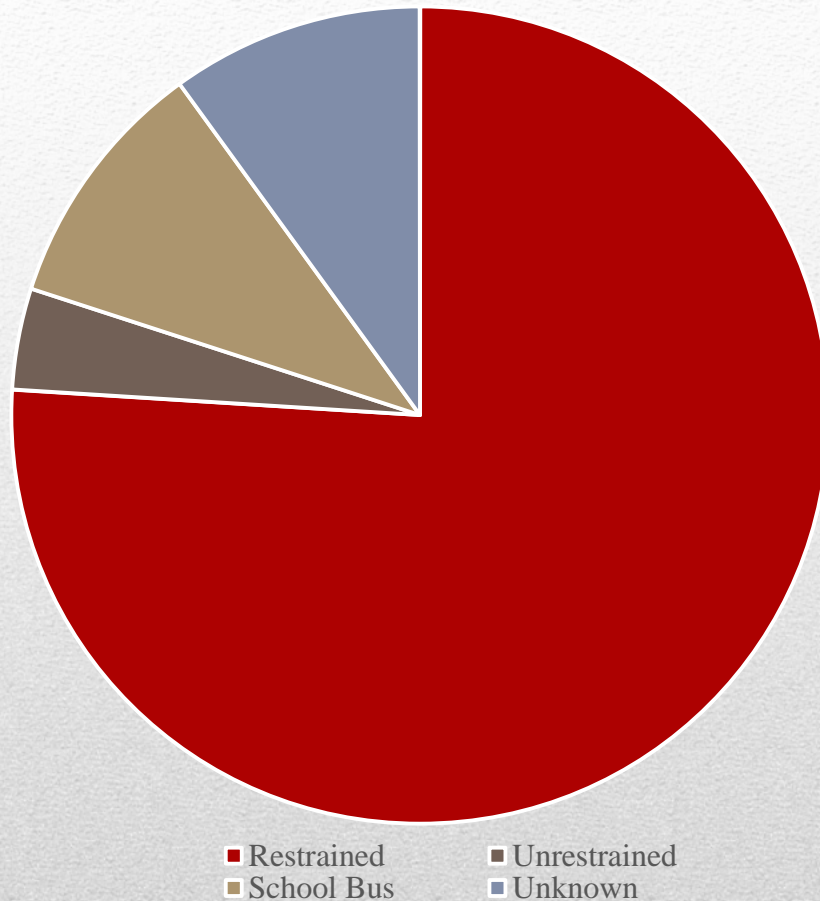


- Breakdown of call type for ages 13-17 yr :
- 74 charts
 - 18 psych
 - 24 medical
 - 32 trauma

13-17 years of age..



Restraint Use

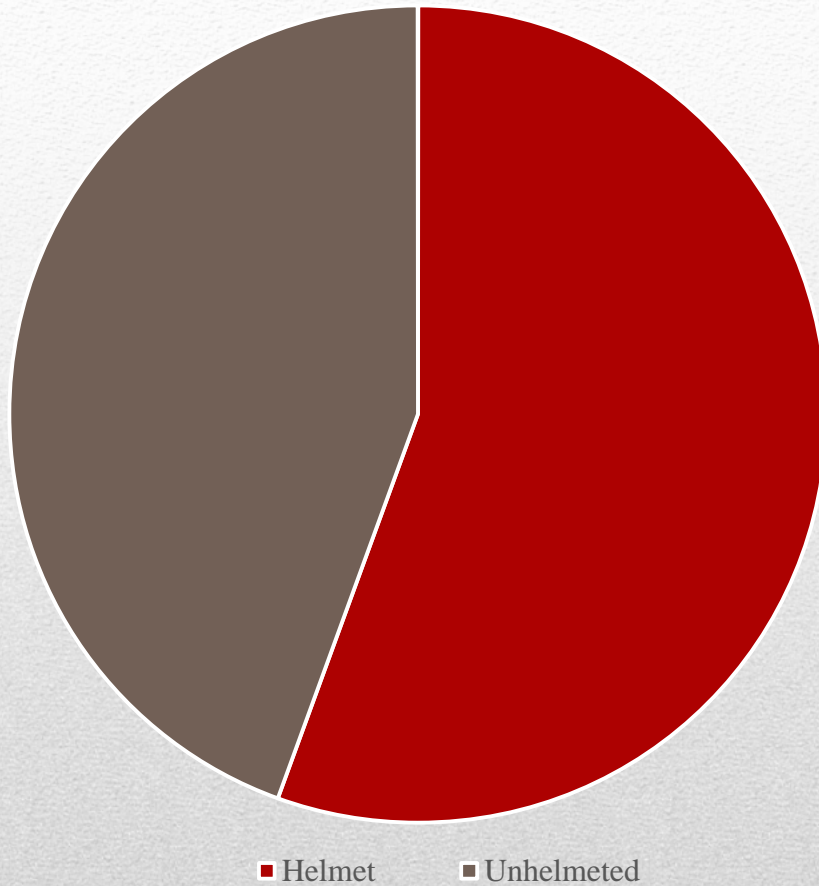


- 50 charts from MVCs-
 - 38 restrained (carseat, booster, lap belt)
 - 2 unrestrained
 - 5 unclear/lacking documentation
 - 5 school bus patients



MVCs and restraints..

Restraint Use



- 9 charts from ATV crashes
 - 5 helmeted
 - 4 unhelmeted

Helmet use..



- Areas of concern... lack of resources for :
 - Psych
 - Substance Abuse/Addiction
 - CO/Fire
 - Helmet use



(Simulated patient during Alaska Shield exercise)



- Comments from MSRMC ER staff and trauma coordinator.
- CIT committee

ALASKA'S LACK OF PSYCHIATRIC BEDS AND CONSEQUENCES

Pamela Cravez



This updates the article that appears in the Summer 2017 print edition.

Dr. Anne Zink, Medical Director at Mat-Su Regional Medical Center (MSRMC) and head of Mat-Su's Emergency Department (ED), is seeing more and more psychiatric emergencies. The first quarter of last year the ED saw 68 psychiatric emergencies; this year it was 283, according to Zink. The problem is that MSRMC, like most hospitals in the state, does not have a psychiatric emergency department or behavioral health unit. This means that psychiatric patients may wait days until one of the state's few psychiatric treatment beds becomes available.



API's current capacity is 80 beds.

MSRMC's ED has 22 beds total, including two lockdown rooms next to the cardiac unit. Dr. Zink has sewn up the lip of a child while a patient suffering a psychotic break pounded on a nearby locked door. She's treated a person suffering a heart attack while a severely depressed patient

Among those with psychiatric emergencies, according to Dr. Zink, are people abusing alcohol and drugs, little kids with awful behavior

Mat-Su Regional seeks Certificate of Need in securing behavioral health beds

By MATT HICKMAN Frontiersman.com Aug 2, 2017



Mat-Su Regional Medical Center.

Courtesy photo



PALMER — Just five years ago, the two specialty rooms the Mat-Su Regional Medical Center had set aside for behavioral health and drug abuse patients was plenty.

“The first quarter of last year the ED saw 68 psychiatric emergencies; this year it was 283”



Questions..



Closing Remarks

Dr. Jay Butler

Chief Medical Officer and Director

Division of Public Health



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