

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

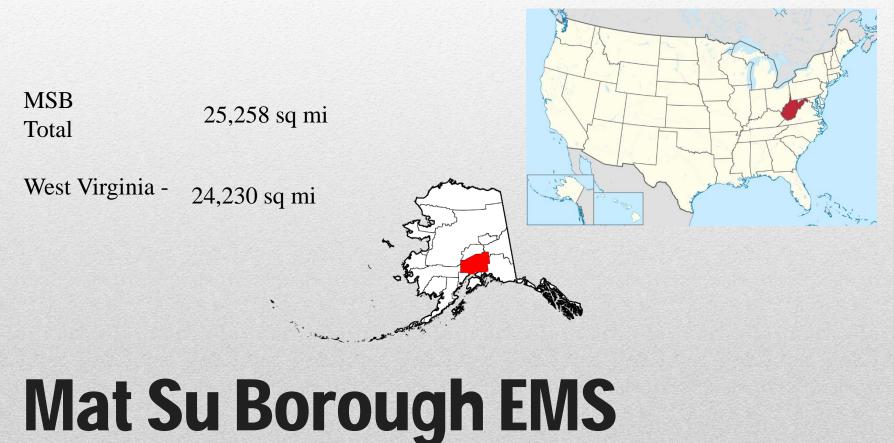
Demographics

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	》肢 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)(<u>c)</u>	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) <u>(c)</u>	1,039,070
Total retail sales per capita, 2012(<u>c)</u>	\$11,063

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



- 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

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

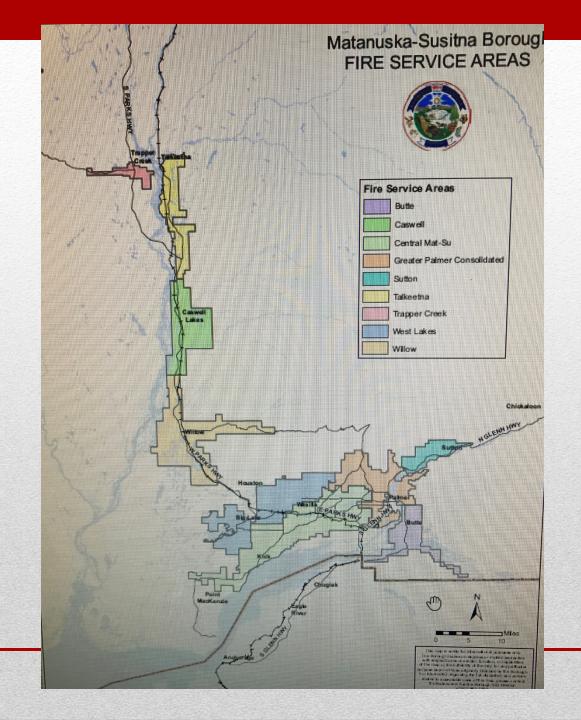


- On-call responders are not plentiful enough to fill the gap remaining between full-time employee availability, and public need for EMS service
- As we build our system, it takes a significant amount of time to recruit and train new employees

				DES Director Otto Feather			
		Medical Director Thomas Check, MD	Dep			ality Assurance Manager Katie Sanders	
		EMS Area Assistant		EMS Chief		EMS Deputy Chief	
		OPEN		Steven Heyano		Charles Darnell	
	EMS Battalion Chief	EMO	Battalion Chief	EM	S Battalion Chi	-f	EMS Battalion Chief
	Paula Brown		rginia Jackson		<mark>5 Dattanon Chi</mark> Tracey Loscar		Scott Williamson
EMS Captain	Full Time MICP		Ill Time MICP		ull Time MICP		Full Time MICP
Ian Richey	Russ Green		Aaron Clark		lleg Gerasimyuk		Tyler Johnson
On-Call EMS Responder	Full Time MICP	Fu	Ill Time MICP	F	ull Time MICP		Full Time MICP
Holly Garcia	April Yost		Cole Justice		Kyle Murdock		Cory Sathers
On-Call EMS Responder	Full Time EMT	E.	Ill Time MICP		ull Time MICP		Full Time EMT
Nick Durbin	Nancy Lockett		istin Ortolano		OPEN		Dave Calvert
On-Call EMS Responder Heather Edmison	EMS Captain		Ill Time MICP Cendra Teeple		ull Time EMT Dustin Sprenger		Full Time EMT John Ditzler
neather Edmison	Jess Young	<u> </u>	tenura Leeple		Jusun Sprenger		Jonn Ditzier
On-Call EMS Responder	On-Call EMS Responder		ıll Time EMT		ull Time EMT		EMS Captain
Chris Loscar	Brandi Gass		ustin Taylor		Robert Wensel		Nathan Durbin
On-Call EMS Responder	On-Call EMS Responder		EMS Captain		EMS Captain		On-Call EMS Responder
Sophia Ramage	Tyler Franklin		Lane Inman		cholas Copeland	1	Kathy Brummer
On-Call EMS Responder Corey Jackson	On-Call EMS Responder Nolan McLeod		<mark>ll EMS Responde</mark> Dane Wallace		all EMS Respor Joseph Balnius	ider	On-Call EMS Responder Emily Neisler
On-Call EMS Responder Nicholas Kelly	On-Call EMS Responder Ryan McCormick	On-Cal	II EMS Responde Rick Howe	r On-Ca	all EMS Respor	ıder	On-Call EMS Responder Jackie Henry
Nicholas Kelly	Ryan Mccormick		RICK HOWE		Jennier Nye		Jackie Henry
On-Call EMS Responder	On-Call EMS Responder	On-Ca	ll EMS Responde		all EMS Respon	ıder	On-Call EMS Responder
Sarah Maffe	Sally Beach		Paula Lutz		Sharon Balogh		Tyler Lauger
On-Call EMS Responder	On-Call EMS Responder	On-Ca	ll EMS Responde	r On-Ca	all EMS Respor	ıder	On-Call EMS Responder
Ryan Coffman	Garey Robinson	I	Brittany Love		Bryan Emmons		Kaleb Self
On-Call EMS Responder	On-Call EMS Responder		ll EMS Responde		all EMS Respor	dan	On-Call EMS Responder
Andrew Spencer	Jess Gunderson	Ull-Ca	Kim Burns		ictoria Buzzard		Jeri Wallin
	On-Call EMS Responder Katrina Knowlton		I <mark>I EMS Responde</mark> nna Johansson		all EMS Respor Melissa Cunniff	lder	On-Call EMS Responder Tim Escher
	Kattilla Kilowitoli				Helissa Cullilli		Thir Escher
	On-Call EMS Responder		ll EMS Responde		all EMS Respon	ıder	On-Call EMS Responder
	Breanna Love		Jessica Dean		Katrina Grant		Jason Myers
	On-Call EMS Responder	On-Ca	ll EMS Responde	r On-Ca	all EMS Respor	ıder	On-Call EMS Responder
	Marilyn Vink		Erin George		Heather Hanes		Heather Petersens
		On-Cal	ll EMS Responde	r 0n-C	all EMS Respor	ıder	On-Call EMS Responder
			hristina Wells		nnor Hernande		Kris Ann Wilcox
		[*					
			<mark>ll EMS Responde</mark> Dan Morton		all EMS Respor Shawn Skiles	ıder	

- 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





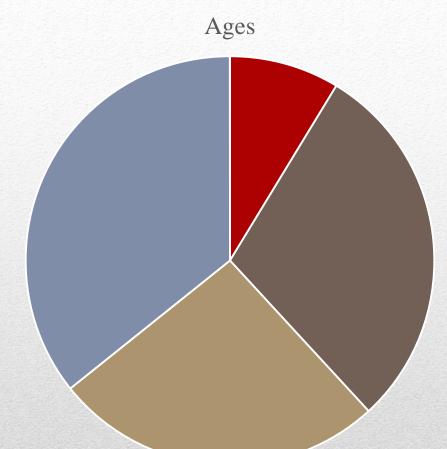
- Calendar year 2015 saw EMS respond to 10,477 calls for service
- Increased to over 11,000 calls in 2016 (responded to by 10 ambualnes)



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)



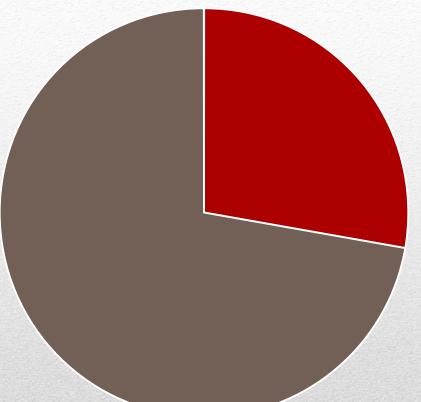


- 207 pediatric charts generated for 2016
- < 1 yr 18 charts
- 1-5 yr 61 charts
- 5-12yr- 54 charts
- 13-17 yr- 74 charts

■ <1 yr ■ 1-5 yr ■ 5-12yr ■ 13-17yr

Pediatrics 2016 charts



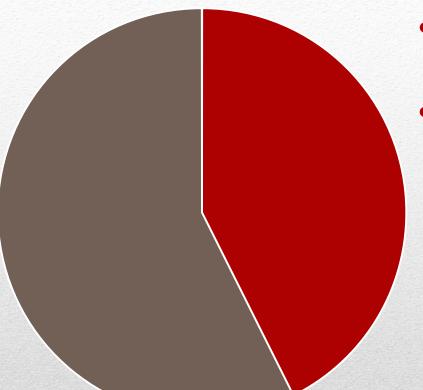


- Breakdown of call type for <1 yr of age :
- 18 charts
 - 0 psych
 - 13 medical
 - 5 trauma

Trauma
 Medical
 Psych





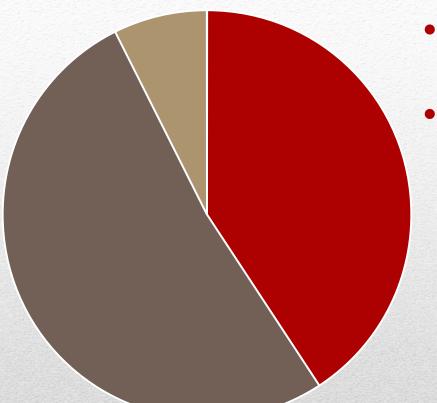


- Breakdown of call type for ages 1-5 yr :
- 61 charts
 - 0 psych
 - 35 medical
 - 26 trauma

Trauma
 Medical
 Psych

1-5 years of age..



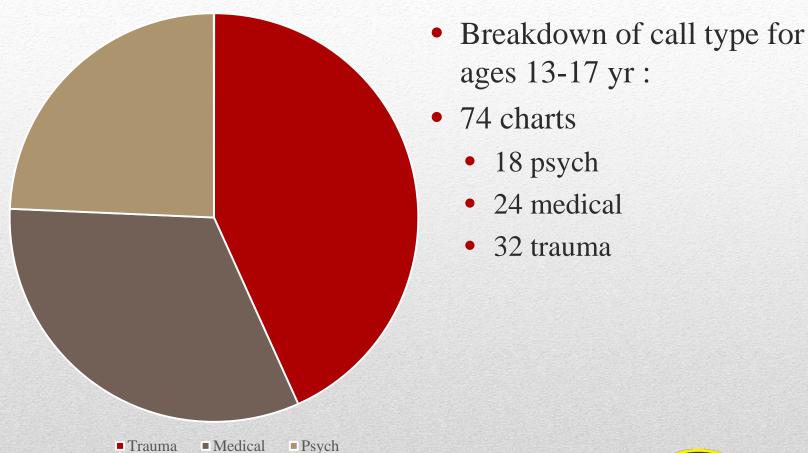


- Breakdown of call type for ages 5-12 yr :
- 54 charts
 - 4 psych
 - 28 medical
 - 22 trauma

Trauma Medical Psych

5-12 years of age..





13-17 years of age..



Restraint Use

RestrainedSchool Bus

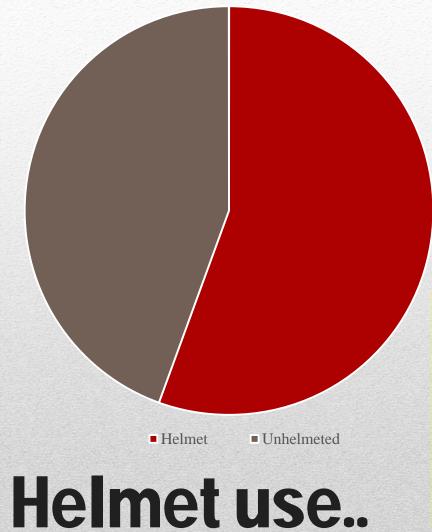
UnrestrainedUnknown

MVCs and restraints.

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



Restraint Use



• 9 charts from ATV crashes

- 5 helmeted
- 4 unhelmeted



- 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 So 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 patien

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

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

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

By MATT HICKMAN Frontiersman.com Aug 2, 2017 🗣 0



Mat-Su Regional Medical Center. Courtesy photo

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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.



Questions..



Closing Remarks

Dr. Jay Butler

Chief Medical Officer and Director

Division of Public Health





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