

# Sturgis Fire & Emergency Services



**2011 Year in Review**

## ***Sturgis Department of Fire & Emergency Services***

### ***2011 Report***

#### **Administrative Summary**

I begin, giving credit for the department's success to our dedicated volunteers, and although there is a handful of individuals who are considerably more active than others, the community owes all of them a debt of gratitude for the services they provide and the dollars they have saved the area community for many years.

Our community's well-being depends on not only the experience, expertise and tenure of local emergency service providers, but also their availability to respond. Our local firefighters are extremely dedicated to serving the public. This trait explains why firefighters often take tremendous risks to save the lives and property of the citizens they may not even know.

Although the volunteer fire service is deeply woven into the basic fabric of our nation, volunteerism, nationwide is on the decline. Even those who still choose to volunteer, have to struggle with juggling family and jobs, making it increasingly difficult to provide consistent, reliable trained personnel who can offer 24/7 emergency services.

Despite tremendous contributions volunteers have made to American society, volunteer firefighters are becoming fewer in numbers, and the hours they have available to spend protecting our communities is declining. Yet the need for training and responsibility is on the increase.

Today the State of South Dakota still has approximately 8,100 firefighters who are members of the states 362 fire departments, nine of which have fulltime paid staff. The number of volunteer firefighters continues to decline and is down about 18% in South Dakota from a decade ago.

There are also other underlying issues plaguing the fire service in South Dakota. As many as 60% of the 8,100 individuals listed are over the age of 50; and only 30 to 40 percent of the overall individuals on fire department rosters are actually active firefighters.

Sturgis is no different from these statistics; out of the existing 43 person roster, the average individual participated in only 11.54 percent of the incidents in 2011. Of our members, three (3) are retired individuals; nineteen (19) individuals travel daily outside the community for their job; nine (9) are self employed and either sole proprietors or travel in and out of the community on a daily basis; three (3) are City employees; one (1) County employee; which leaves six (6) individuals who work for various employers in Sturgis and generally only can respond when not working.

In 2011 the fire department had thirty-five (35) occasions and the ambulance had (360) occasions when there were two or more incidents requiring responses at the same time.

Although we have seen a slight decline from 50 volunteer staff a couple of years ago to today's 43 staff numbers; training and incident response hours have not drastically declined over the past year.

There are many reasons for the potential decline of volunteers not only locally, but nationally. Nationally the decline has come, because of the increased responsibilities put on fire departments today, not to

mention increased call volumes, increased training requirements, expectations of citizens for increased services, legislative mandates, legal considerations and again job and family considerations.

I contribute the local decline more to family and economic factors such as individuals holding two jobs, two-earner households, and more competition for personal and family time and generational gaps when it comes to community involvement; they all factor into the decline in participation hours of volunteers on the front lines in both the fire and EMS services.

As in the past five annual reports, I have to stress that the declining participation of volunteers is a concern; but does not necessarily require we rush to hire fulltime firefighters tomorrow. Nevertheless, it is implied that the need will arise to hire some staff to meet the communities needs, in the not to distant future.

As with anything the cost should always equal the benefit. When there's a disparity in the perception of the benefit in relationship to a cost or there's no nexus between the benefit and the cost; the person paying tends to get a little bit cynical. Moreover, in most cases there is likely no relationship more cynical than that between those who pay taxes and those who benefit from how revenues are spent.

Regarding the fire service, taxpayers often ask themselves just how much they're paying for fire protection and how much fire protection they're receiving. The outcome to the equation of cost and benefit is that level of effort equals level of service. The level of effort is defined as the amount of investment that a community has put into its fire department in the form of tax revenues, donations, etc.

The level of service is defined as what is actually been provided on the streets, which is most often interpreted as trucks and firefighters. In reality, all fire departments have a level of effort for every program, ranging from their investment in training and the level of training provided to the investment in prevention and the general level of life safety in a community.

The straightforward representation of what it costs the taxpayer is the per capita contribution. If there are a lot of people in a community and they are willing to pay a lot for fire protection, you should have the resources to provide a fairly high level of service.

It also follows that if you don't have very many people and they are unwilling to contribute to the department's infrastructure, the level of service is probably going to be lower. When we talk about costs, we have to address the public's perception of what's reasonable.

Today the annual per capita City of Sturgis citizen expense is less than **\$29.00**. Nationally statistics show the average per capita fire department cost is \$118.45 per citizen served.

If we base a fire department's entire performance measurement on response time or number of calls alone, those people who have never placed a demand on the emergency response system, feel they don't have any direct benefit. When this happens it raises the question, what's in it for them (the tax payer)?

Although we as an emergency service agency need to do a better job of conveying the answer to this question; the primary benefit to having a well-equipped and well trained fire department whether volunteer or career, is that it provides a community with the highest potential quality of life and reliability when called upon.

Nationally it is often stated that law enforcement has done a better job justifying its existence than the fire service. Whether we agree or not, we have to recognize that there's a perception that law enforcement has done a much better job articulating the outcomes of their performance. As during the Clinton administration, who made a promise to put more police officers on the street and did so. I would argue that if the proposal didn't imply a perceived benefit or reduced crime, the cost of the program would have been argued and would not have been passed.

Will putting more firefighters on trucks reduce fire frequency? Likely not! But most of the justification for the fire service has to do with dealing with the consequence of failure. If we do not have enough firefighters on a truck, buildings will burn or rescues may be delayed. Does having more firefighters on the truck mean every fire will go out quicker or buildings won't burn? In many cases no.

Although fulltime staffing does provide for shorter response times to emergency calls, which is an important part of the overall equation; we can not base the need for fulltime or more firefighters strictly on emergency responses. The equation has become more sophisticated; we need to ask ourselves, how would a good fire prevention program impact our community? How would an annual fire inspection program or annual fire hydrant testing and maintenance program impact our community or help reduce our community's insurance rates? Would additional fulltime staff help backup existing ambulance staff?

These are all hard questions to field, and obviously all these services come at some monetary expense.

In relation to the ambulance services; collectively the Sturgis Ambulance service provides emergency medical response to 1/2 of Meade County and portions of Lawrence County, Sturgis Regional Hospital and Ft. Meade VA Hospital.

In 2011 the department responded to 1385 calls for service, had 1422 patient contacts and logged over 76,000 miles. Since January of 2002, when the department took over operations of the ambulance service from Meade County; the service has responded to 11,481 calls for service.

I am also happy to advise the council, since ambulance operations were transferred, the service has been self-supporting and no tax burden has been placed on the citizens of Sturgis or Meade County. Prior to 2002, the ambulance service required taxpayer assistance to cover the expenses incurred for operations.

In closing, I would like to praise not only our volunteer firefighters, but our full and part time EMS staff who do a great job protecting our community. These individuals are an invaluable asset, and although many of them receive little or no compensation, they are still dedicated to serving our community.

Nevertheless, as stated in past reports, now that we have addressed some of our EMS needs with a few fulltime staff; sometime in the near future we will need to address the primary issue of a few fulltime fire staff. These individuals can not only provide quicker responses to emergency calls, but also provide a back up to current EMS staff and other beneficial services to our citizens. These services would assist in improving quality of life in our community, which in the long run could also possibly make our community more attractive to future businesses, citizens and visitors.

I would like to thank you for your continued support, and if you have any questions or comments concerning the report, I encourage you to contact me.

Respectfully,

Ron Koan

Chief

## Emergency Services Personnel Availability Status

### Sturgis Fire Department

2/10/2012

Last Name	First Name	Status	Availability	Work Location	Home Location	Job	
Barrows	Shane	Varies	N/A (Collage)	Vermillion	Sturgis	Collage Student	
Barrows	Shawn	Varies	Varies	Rapid City	Sturgis	Fulltime Firefighter/self employed	AMB
Bartels	Todd	Active	Often	Ft. Meade	Sturgis	National Guard	
Bruch	Zweit	Varies	Varies	Ft. Meade	5m W. Sturgis	Fulltime Firefighter	
Cooper	LeRoy	Active	Varies	Deadwood	Sturgis	Gaming Supervisor	
Cruickshank	Kurt	Varies	Limited	Greely, Co	Sturgis	Animal Rescue	
Erickson	Lee	Probationary	Varies	Sturgis	Sturgis	USDA Conservation Service	
Fischer	David	Active	Evenings and Weekends	Sturgis	Sturgis	National Guard	AMB
Grubl	Adam	Inactive	N/A	Kennebec, SD	8m E. Sturgis	Power Lineman	
Grubl	Chris	Varies	Varies	Sturgis	8m E. Sturgis	Rancher	
Grubl	Dan	Varies	Varies	Sturgis	12m E. Sturgis	Rancher	AMB
Haivala	Erik	Varies	Evening and Weekends	Rapid City	Sturgis	National Guard	AMB
Hymans	Scott	Inactive	Varies	Vale	Vale	Rancher	
Jolley	Nathan	Varies	Winter Varies/Summer N/A	Varies	Sturgis	Self Employed	
Koan	Ron	Inactive	Often	Sturgis	Sturgis	City of Sturgis	
Koch	Mike	Varies	Varies	Varies	Sturgis	Self Employed	
Kusser	Josh	Varies	Varies	Sturgis	Rapid City	Sturgis Ambulance(fulltime)	AMB
Larive	Mark	Varies	Evening and Weekends	Western SD	8m E. Sturgis	Honeywell Controls	
LaRue	Maurice	Inactive	N/A	Sturgis	Sturgis	Retired	
Lensegrav	Scott	Active	Often	Rapid City	Sturgis	Fulltime Firefighter	AMB
Linn	Derrick	Varies	Varies	Sturgis	Sturgis	Self Employed	
Lyons	Brent	Varies	Nights (Summer N/A)	Varies	Sturgis	Self Employed	AMB
Maschino	Brian	Inactive	Minimal	Sturgis	4m E. Sturgis	National Guard	
Maschino	Kim	Inactive	Minimal	Rapid City	4m E. Sturgis	National Guard	
Monahan	San	Varies	Varies	Sturgis	4m E. Sturgis	Self Employed	
Montanio	Micky	Varies	Nights	Rapid City	Sturgis	Drywall sales	AMB
Murphy	John	Varies	Varies	Sturgis	Sturgis	Sturgis Bus Company	
Nelson	Tom	Active	Varies	Rapid City	Sturgis	SD National Guard	
Olson	Brad	Active	Varies	Sturgis	Sturgis	City of Sturgis	
Peterson	Shawn	Active	Varies	Sturgis	Sturgis	Sturgis Ambulance(fulltime)	AMB
Potter	Jeff	Varies	Minimal	Varies	Whitewood, SD	Self Employed	

Emergency Services Personnel Availability Status (Cont.)

## Sturgis Fire Department

2/10/2012

Last Name	First Name	Status	Availability	Work Location	Home Location	Job	
Raber	Alex	Varies	Varies	Rapid City	Sturgis	SD National Guard	
Roth	Ron	Varies	Varies	Sturgis	Sturgis	FEMA	
Shaulis	Warren	Varies	Varies	Rapid City	Sturgis	Life Flight	AMB
Siedschlaw	Bob	Varies	Varies	Retired	4m W. Sturgis	Retired National Guard	
Stroschine	Lee	Varies	Varies	Spearfish	Sturgis	Spearfish Ambulance	AMB
Swenby	Cindy	Varies	Varies	Sturgis	Sturgis	Meade County	
Trigg	Tom	Active	Often	Sturgis	Sturgis	Retired	
Urbaniak	Pat	Varies	Nights	Spearfish	Sturgis	Mechanic	AMB
Walker	Client	Varies	Nights	Rapid City	Sturgis	National Guard	
Weisz	Adam	Active	Evening and Weekends	Sturgis	Sturgis	City of Sturgis	AMB
Whelchel	Joel	Varies	Minimal	Sturgis	Sturgis	Self Employed	

## Emergency Services Personnel Availability Status (Cont.)

### Sturgis Ambulance Department

2/10/2012

Last Name	First Name	Status	Availability	Work Location	Home Location	Job	
Barrows	Shawn	Varies	Varies	Rapid City	Sturgis	Fulltime Firefighter/self employed	FF
Bartells	Samantha	Varies	Varies	Spearfish	Sturgis	Spearfish School System	
Cooper	LeRoy	Inactive	Varies	Deadwood	Sturgis	Gaming Supervisor	FF
Deuter	Jeremy	Inactive	Limited	Pine Ridge	New Underwood	Pine Ridge Ambulance	
Eisenbraun	Bob	Varies	Varies	Sturgis	Sturgis	Sturgis Meats	
Fischer	Dave	Varies	Varies	Sturgis	Sturgis	National Guard	FF
				West South Dakota	Rapid City	Self Employed	
Goben	Roy	Varies	Varies	Sturgis	12m E. Sturgis	Ranger	FF
Haivala	Erik	Varies	Weekends	Box Elder	Sturgis	National Guard	FF
Haupt	Shelly	Inactive	Limited	Rapid City	Rapid City	Rap. Regional Hospital	
Hymans	Scott	Inactive	inactive	10 N. Sturgis	10 N. Sturgis	Rancher	FF
Isaacs	Nellie	Varies	Varies	Rapid City	Rapid City	Rapid City Regional Hospital	
Johnson	Al	Varies	Varies	Sturgis	Whitewood, SD	Retired	
Jones	Larry	Fulltime	Scheduled	Sturgis	Spearfish	Sturgis Ambulance	
Konst	Tracy	Inactive	Limited	Piedmont	5m N. Sturgis	Self Employed	
Kusser	Josh	Fulltime	Scheduled	Sturgis	Sturgis	Sturgis Ambulance	FF
Lensegrav	Scott	Varies	minimal	Rapid City	Sturgis	Rapid City Fire	FF

Emergency Services Personnel Availability Status (Cont.)

Sturgis Ambulance Department

2/10/2012

Last Name	First Name	Status	Availability	Work Location	Home Location	Job	
Leveque	Tamara	Inactive	Limited	Nemo	Sturgis	Box Elder Job Corp	
Lyons	Brent	Varies	Limited	Deadwood	Sturgis	Terry Peak/Self Employed	FF
Montanio	Micky	Varies	Varies	Rapid City	Sturgis	Drywall Sales	FF
Nordstrom	Kari	Varies	Varies	Deadwood	Deadwood	Self Employed	
Peterson	Shawn	Fulltime	Scheduled	Sturgis	Sturgis	Sturgis Ambulance	FF
Raber	Alex	Varies	Nights/Weekends	Box Elder	Sturgis	National Guard	FF
Roth	Ron	Inactive	Limited	Nation Wide	Sturgis	FEMA	
Shaulis	Jama	Varies	Limited	Varies	Sturgis	Radiology Tech	
Shaulis	Warren	Varies	Limited	Rapid City	Sturgis	Life Flight'	FF
Siedschlaw	Bob	Varies	Varies	N/A (Retired)	5m W. Sturgis	Retired	FF
Skouge	Nicole	Fulltime	Scheduled	Sturgis	Vale	Sturgis Ambulance	
Spring	Sheri	Inactive	Limited	Enning	Enning	Rancher	
Stenson	Kent	Inactive	minimal	Rapid City	Rapid City	Black Hills Power	
Storschine	Lee	Varies	Varies	Spearfish	Sturgis	Spearfish Ambulance	FF
Urbaniak	Pat	Varies	Varies	Spearfish	Sturgis	Ford	FF
Urbaniak	Joe	Inactive	Limited	Opal	Opal	Rancer	
Weisz	Adam	Varies	Limited	Sturgis	Sturgis	City Parks Dept.	FF

# **Sturgis Fire & Emergency Services**

**2011**

## **Ambulance Division Summary**

## Sturgis Ambulance

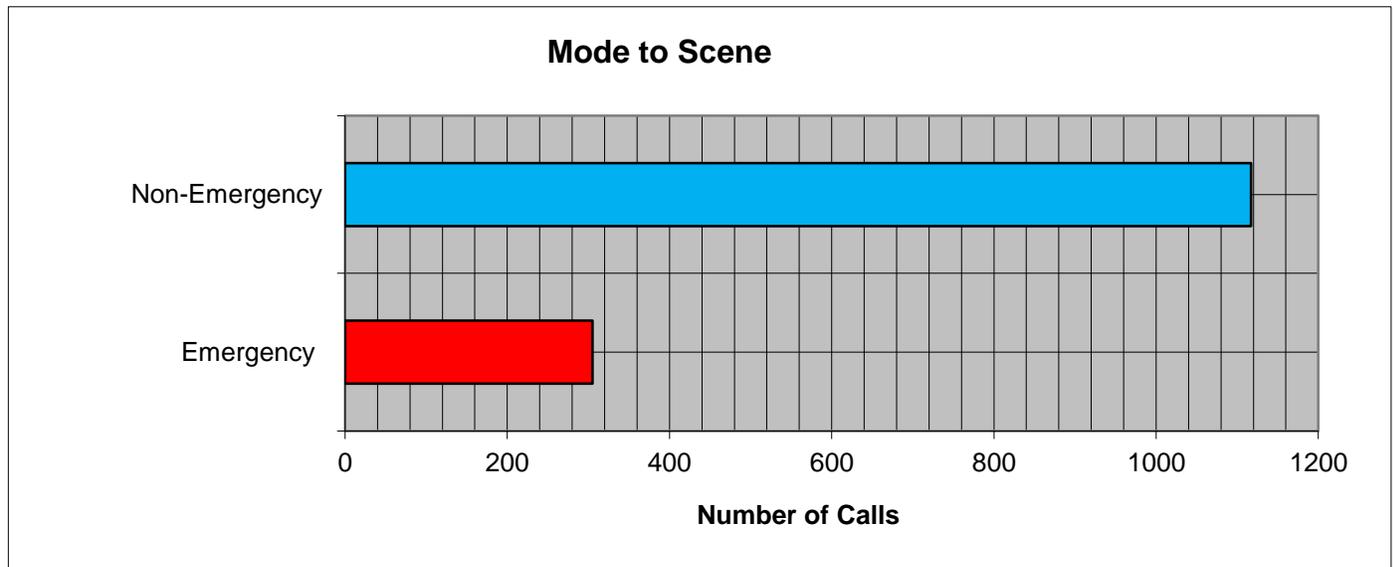
### 2011 Year End Report (Staff Incident Participation Summary)

Name	# of Incidents Participated	% of Incident Participation
Barrows, Shawn	3	0.22%
Braun, Bob	35	2.53%
Dahl, Cliff	12	0.87%
Deuter, Jeremy	9	0.65%
Eisenbran, Bob	76	5.49%
Fischer, Dave	101	7.29%
Goben, Roy	39	2.82%
Grubl, Dan	21	1.52%
Haivala, Erik	13	0.94%
Hasart, Curt	13	0.94%
Isaacs, Nellie	11	0.79%
Johnson, Al	80	5.78%
Jones, Larry	226	16.32%
Keyte, Bob	313	22.60%
Kusser, Josh	303	21.88%
Lensegrav, Scott	26	1.88%
Lyons, Brent	39	2.82%
McCoy, Tammy	48	3.47%
Montanio, Micky	148	10.69%

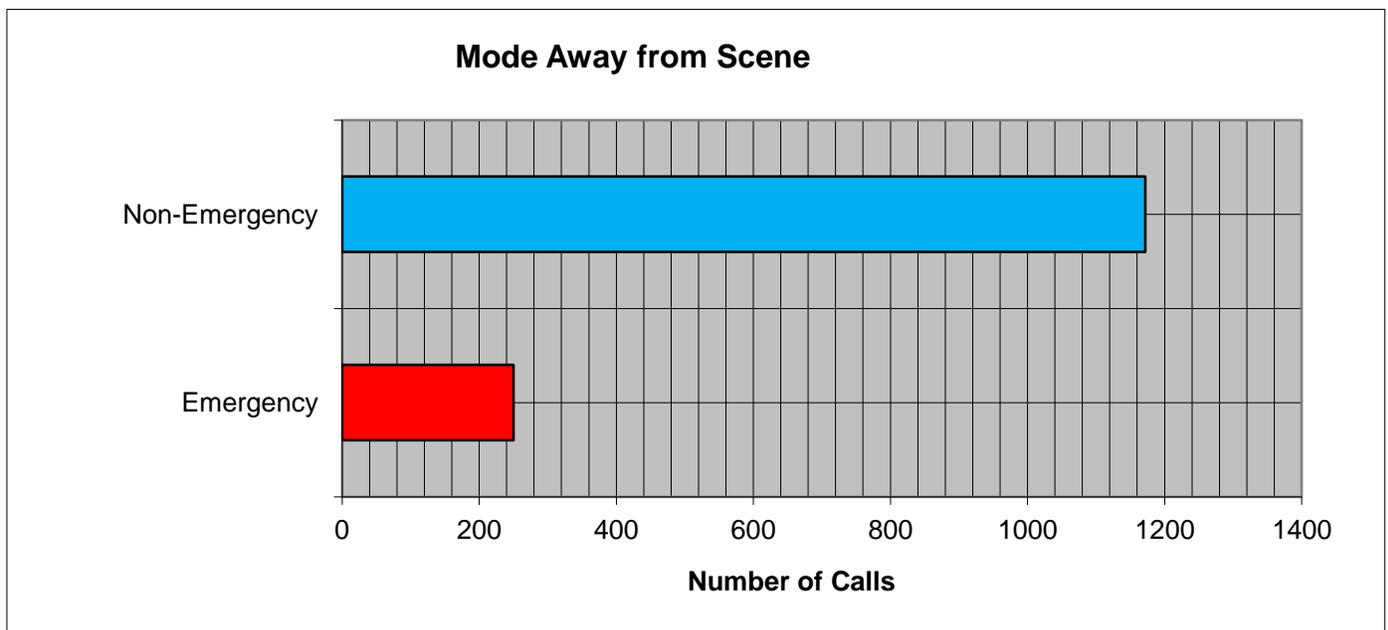
Name	# of Incidents Participated	% of Incident Participation
Nordstrom, Kari	140	10.11%
Peterson, Shawn	329	23.75%
Shaulis, Jama	196	14.15%
Shaulis, Warren	50	3.61%
Siedschlaw, Bob	52	3.75%
Skouge, Nicole	279	20.14%
Spring, Sheri	17	1.23%
Stenson, Kent	38	2.74%
Stroschine, Lee	65	4.69%
Urbaniak, Joe	21	1.52%
Urbaniak, Pat	114	8.23%
Weisz, Adam	83	5.99%

**2011 Annual Report -- (Mode to and from the Scene)  
Sturgis/Meade County Ambulance**

<b>Mode to Scene</b>	<b>Number of Calls</b>	<b>Percentage</b>
Emergency	305	27.44%
Non-Emergency	1117	78.55%

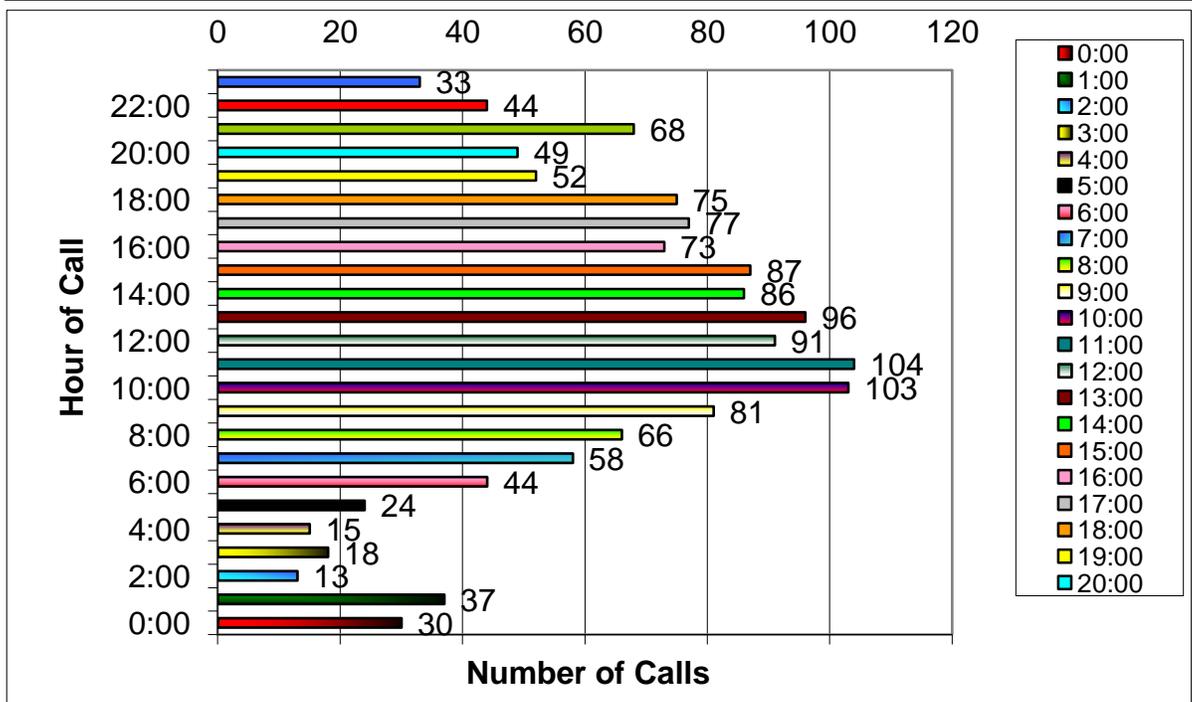


<b>Mode Away from Scene</b>	<b>Number of Calls</b>	<b>Percentage</b>
Emergency	250	17.58%
Non-Emergency	1172	82.41%



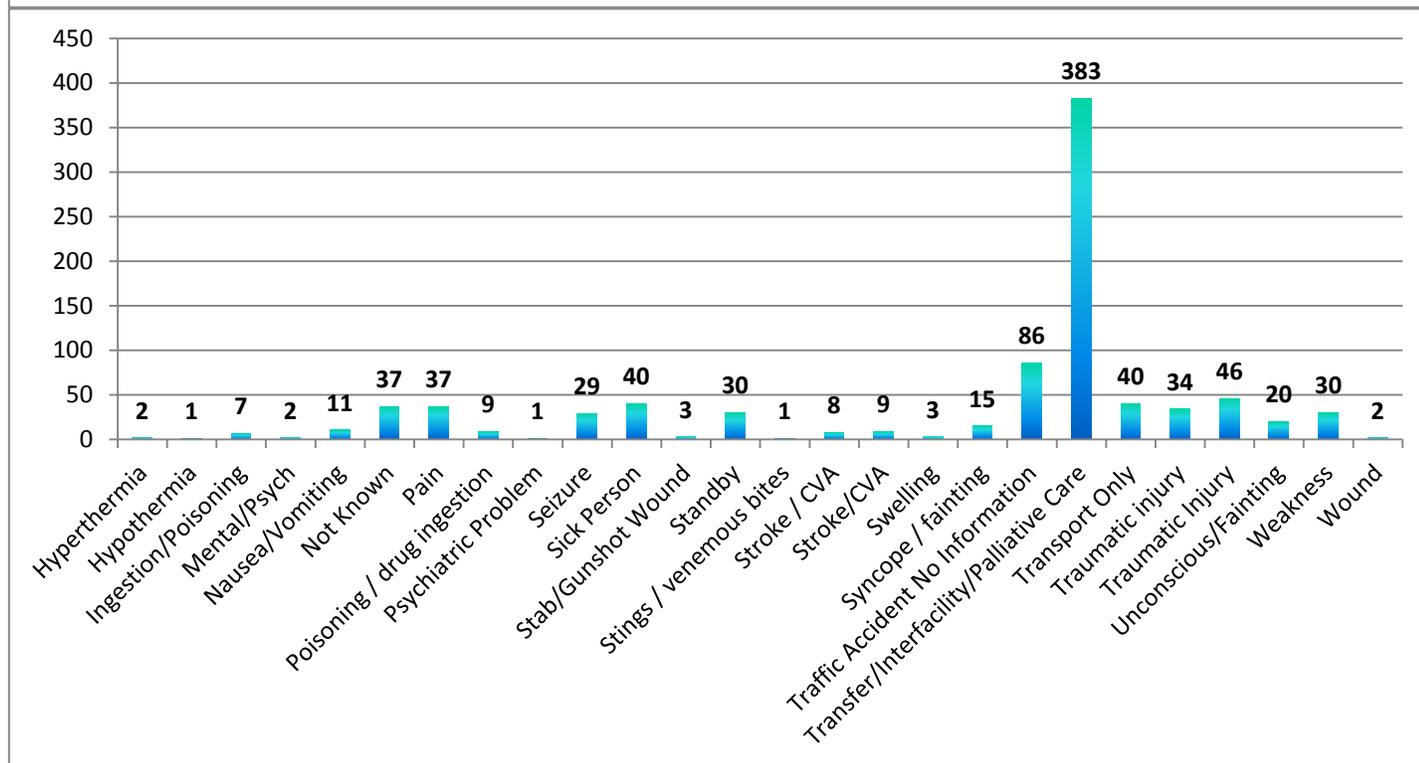
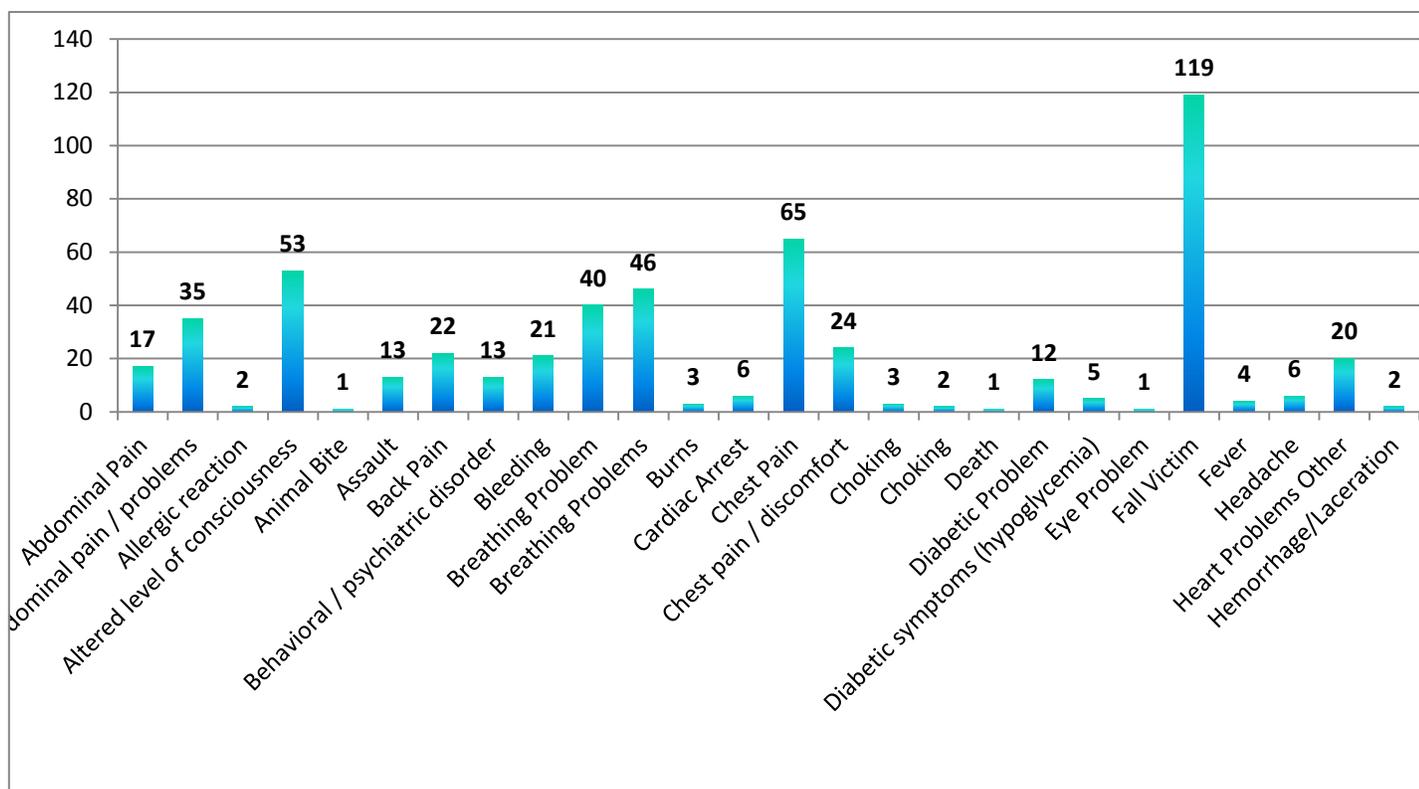
## 2011 Annual Report -- (Calls Per Hour of the Day, Summary) Sturgis/Meade County Ambulance

Calls per Hour of Day	Number of Calls	Percent
0:00	30	3.86%
1:00	37	2.01%
2:00	13	2.43%
3:00	18	1.68%
4:00	15	1.34%
5:00	24	1.09%
6:00	44	1.42%
7:00	58	2.94%
8:00	66	3.86%
9:00	81	5.13%
10:00	103	6.39%
11:00	104	7.23%
12:00	91	5.88%
13:00	96	7.06%
14:00	86	7.23%
15:00	87	4.54%
16:00	73	5.71%
17:00	77	5.29%
18:00	75	5.55%
19:00	52	4.45%
20:00	49	4.87%
21:00	68	3.54%
22:00	44	3.95%
23:00	33	2.43%



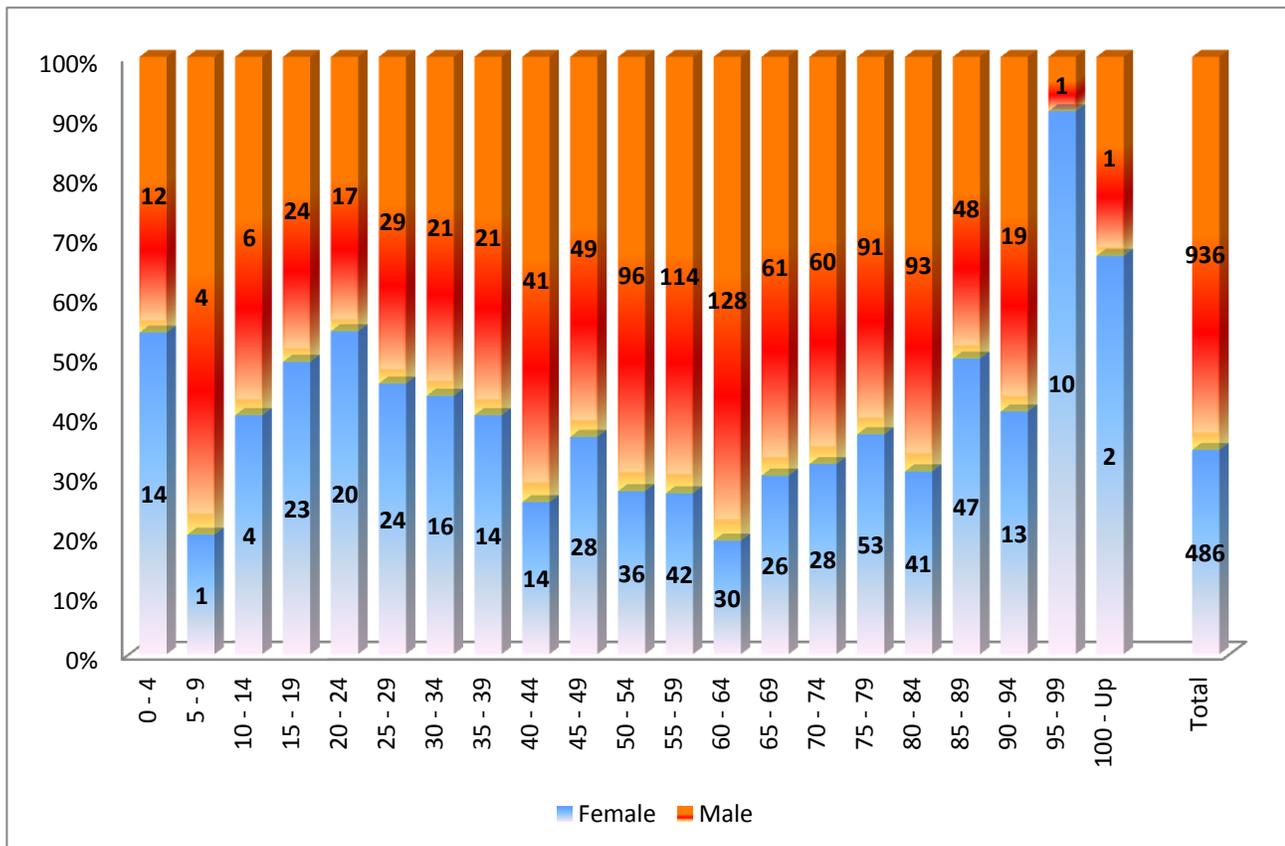
# Sturgis Ambulance

## 2011 Year End Report (Dispatch Response by Type)



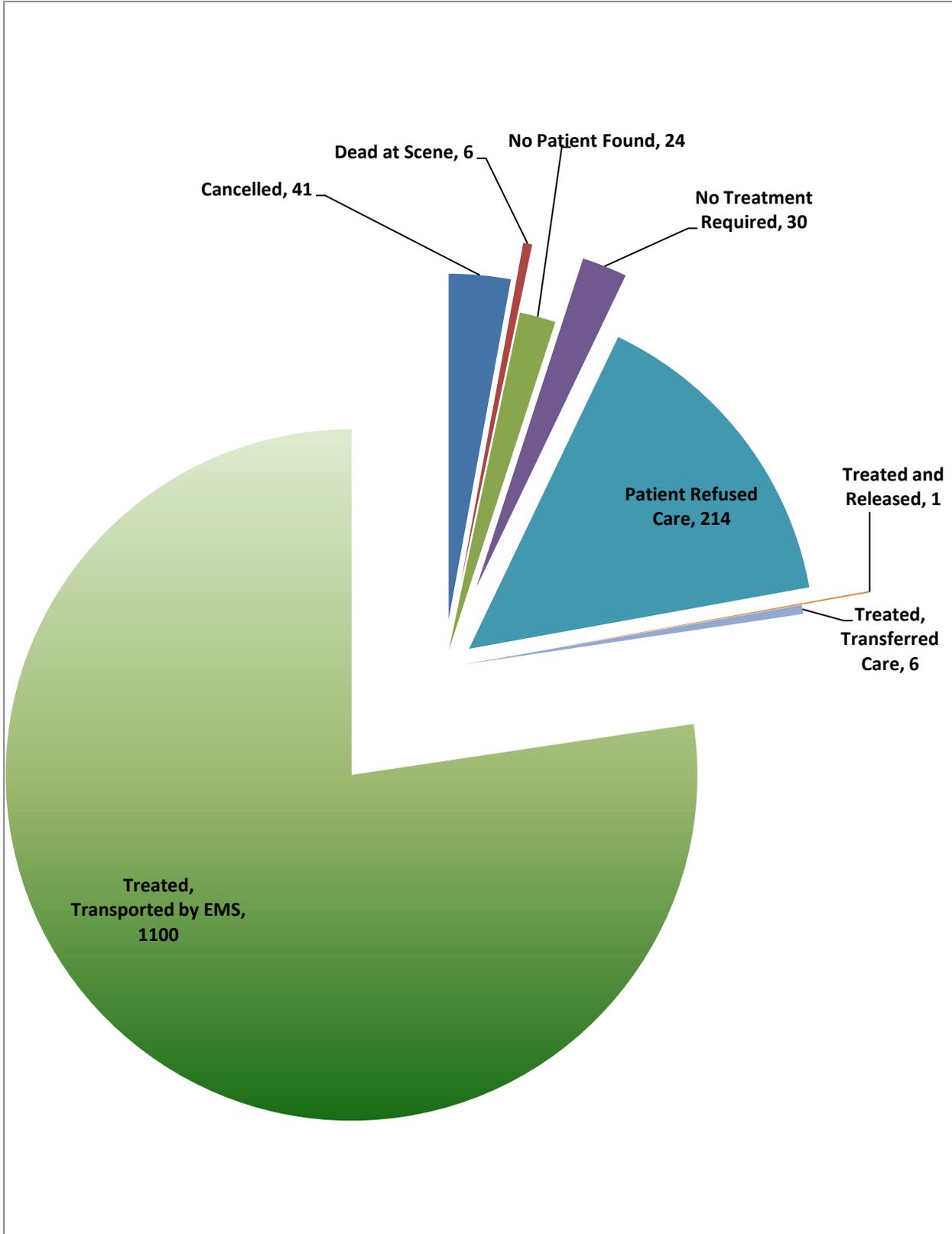
## Sturgis Ambulance 2011 Annual Report (Age of Patients)

Age	Female	Male	Total	Percent of Total
0 - 4	14	12	26	1.83%
5 - 9	1	4	5	0.35%
10 - 14	4	6	10	0.70%
15 - 19	23	24	47	3.31%
20 - 24	20	17	37	2.60%
25 - 29	24	29	53	3.73%
30 - 34	16	21	37	2.60%
35 - 39	14	21	35	2.46%
40 - 44	14	41	55	3.87%
45 - 49	28	49	77	5.41%
50 - 54	36	96	132	9.28%
55 - 59	42	114	156	10.97%
60 - 64	30	128	158	11.11%
65 - 69	26	61	87	6.12%
70 - 74	28	60	88	6.19%
75 - 79	53	91	144	10.13%
80 - 84	41	93	134	9.42%
85 - 89	47	48	95	6.68%
90 - 94	13	19	32	2.25%
95 - 99	10	1	11	0.77%
100 - Up	2	1	3	0.21%
<b>Total</b>	<b>486</b>	<b>936</b>	<b>1422</b>	<b>100.00%</b>



# Sturgis Ambulance

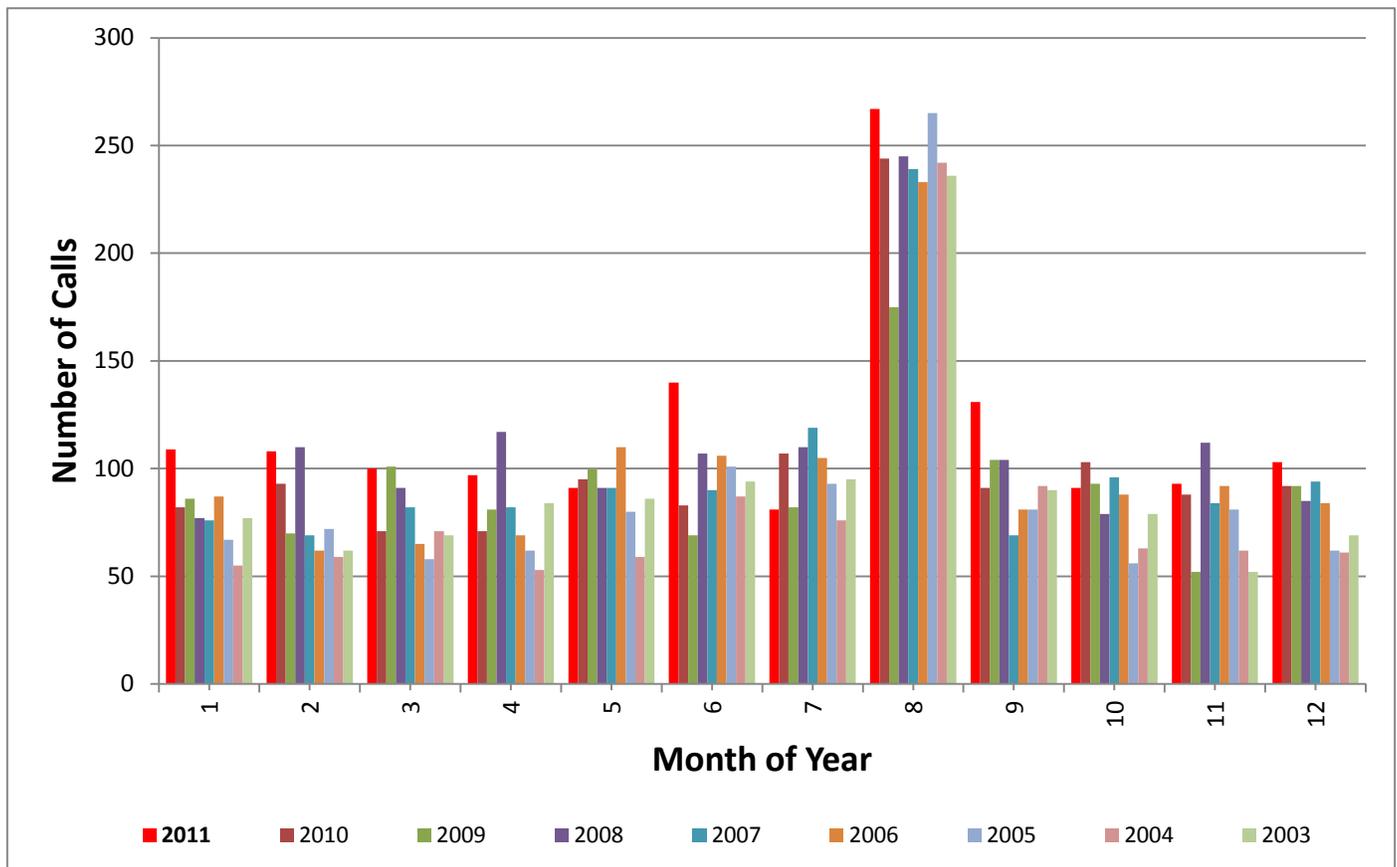
## 2011 Year End Report (Response Outcomes)



## 2011 Year End Report Sturgis/Meade County Ambulance

### 2003-2011 Run Comparison

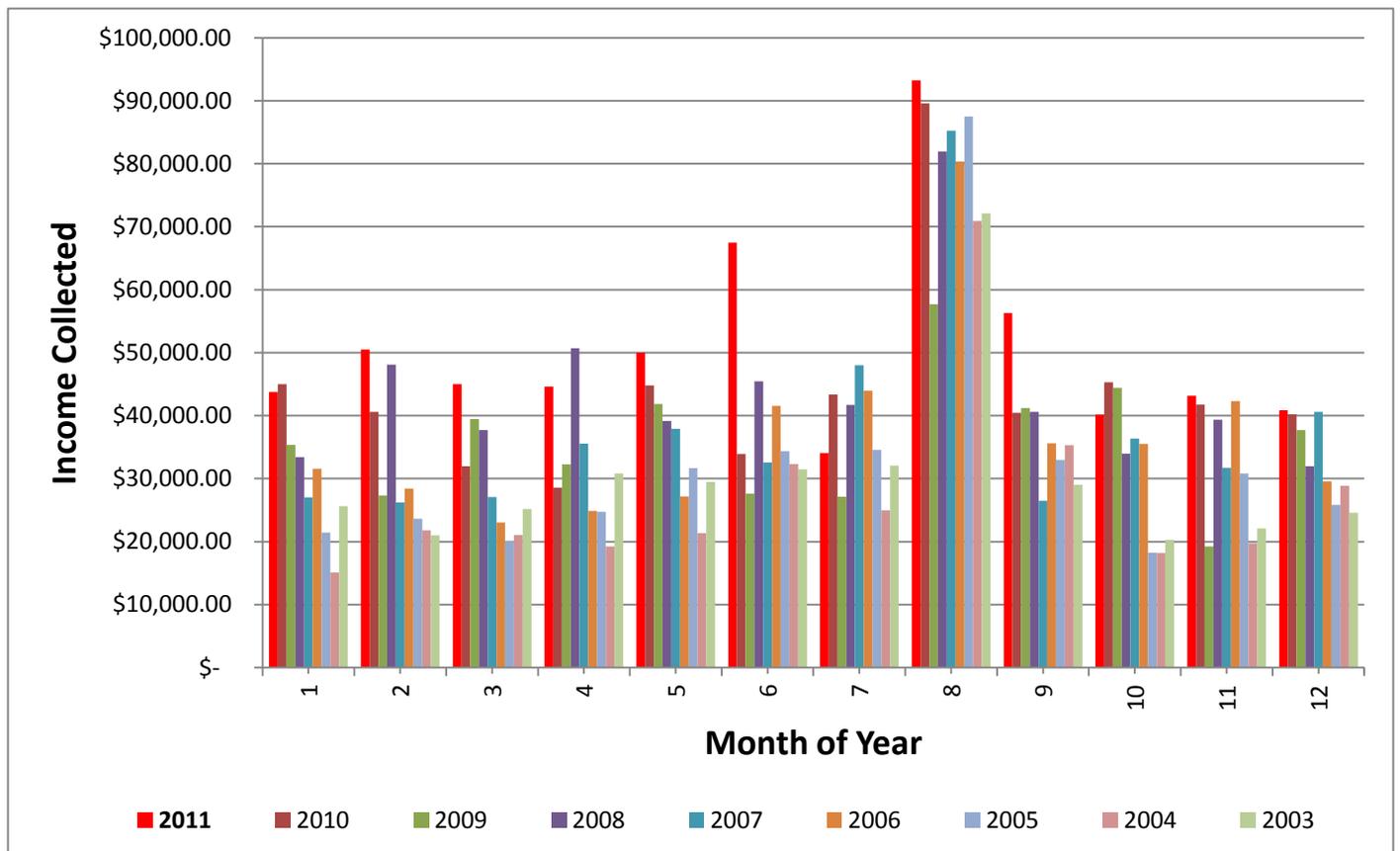
Month	2011	2010	2009	2008	2007	2006	2005	2004	2003
January	109	82	86	77	76	87	67	55	77
February	108	93	70	110	69	62	72	59	62
March	100	71	101	91	82	65	58	71	69
April	97	71	81	117	82	69	62	53	84
May	91	95	100	91	91	110	80	59	86
June	140	83	69	107	90	106	101	87	94
July	81	107	82	110	119	105	93	76	95
August	267	244	175	245	239	233	265	242	236
September	131	91	104	104	69	81	81	92	90
October	91	103	93	79	96	88	56	63	79
November	93	88	52	112	84	92	81	62	52
December	103	92	92	85	94	84	62	61	69
<b>Total Calls</b>	<b>1411</b>	<b>1220</b>	<b>1105</b>	<b>1328</b>	<b>1191</b>	<b>1182</b>	<b>1078</b>	<b>980</b>	<b>1093</b>



## 2011 Year End Report Sturgis/Meade County Ambulance

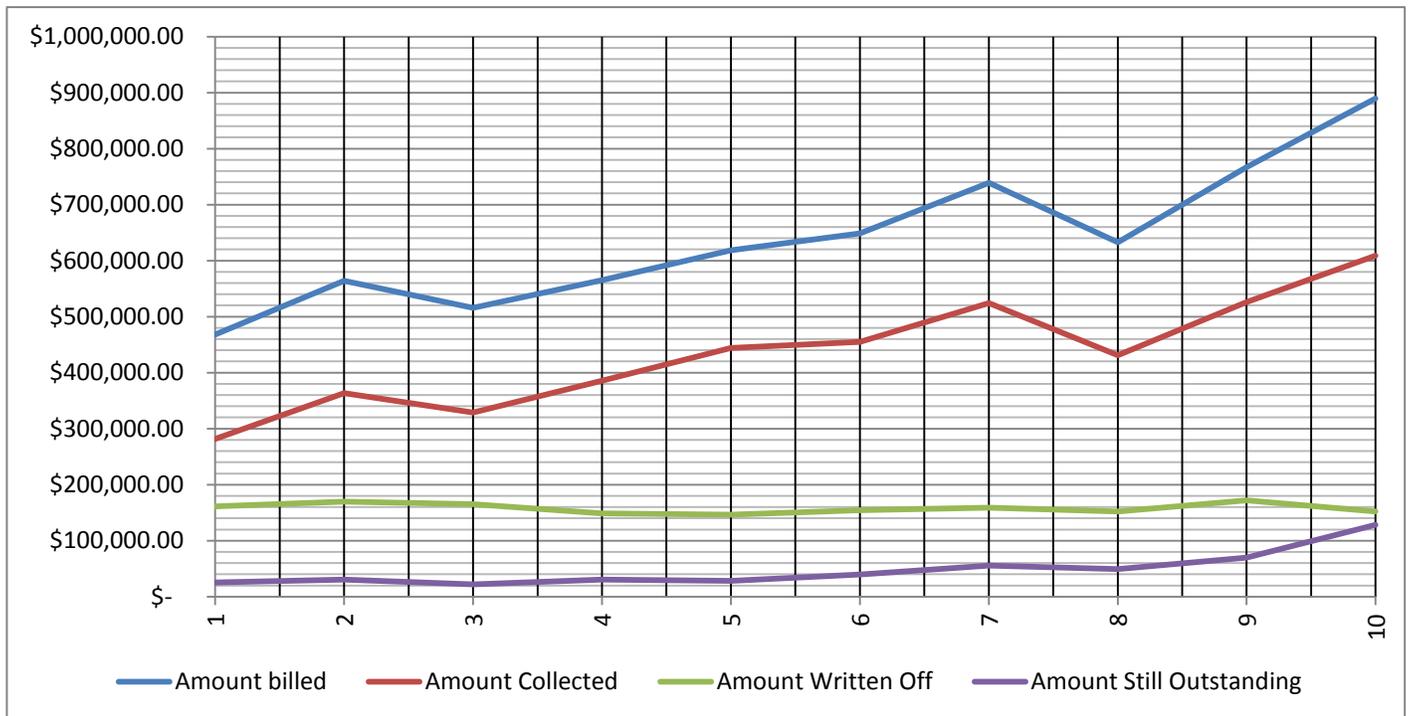
### 2003-2011 Income Comparison

Month	2011	2010	2009	2008	2007	2006	2005	2004	2003
January	\$ 43,741.75	\$45,024.76	\$35,363.25	\$33,437.42	\$27,018.86	\$31,569.47	\$ 21,455.99	\$ 15,091.80	\$ 25,606.77
February	\$ 50,475.74	\$40,621.33	\$27,308.49	\$48,113.81	\$26,235.12	\$28,414.92	\$ 23,621.16	\$ 21,783.06	\$ 21,002.18
March	\$ 45,025.98	\$31,986.15	\$39,450.04	\$37,727.34	\$27,067.09	\$23,031.43	\$ 20,068.45	\$ 21,024.25	\$ 25,181.65
April	\$ 44,598.18	\$28,552.12	\$32,248.61	\$50,693.64	\$35,589.06	\$24,868.17	\$ 24,742.03	\$ 19,224.46	\$ 30,807.63
May	\$ 50,021.25	\$44,800.17	\$41,863.34	\$39,181.55	\$37,923.64	\$27,163.89	\$ 31,656.78	\$ 21,333.95	\$ 29,460.91
June	\$ 67,451.93	\$33,939.65	\$27,613.58	\$45,475.06	\$32,574.18	\$41,560.32	\$ 34,345.93	\$ 32,330.43	\$ 31,451.99
July	\$ 34,067.54	\$43,362.44	\$27,125.05	\$41,711.63	\$47,990.69	\$43,979.59	\$ 34,546.01	\$ 24,986.84	\$ 32,056.88
August	\$ 93,234.79	\$89,596.73	\$57,708.38	\$81,939.02	\$85,231.46	\$80,363.39	\$ 87,494.85	\$ 70,914.71	\$ 72,132.09
September	\$ 56,263.32	\$40,458.28	\$41,207.00	\$40,609.37	\$26,504.01	\$35,610.70	\$ 32,983.23	\$ 35,318.08	\$ 29,047.59
October	\$ 40,138.59	\$45,314.73	\$44,389.40	\$33,972.59	\$36,349.71	\$35,493.51	\$ 18,248.32	\$ 18,176.82	\$ 20,265.75
November	\$ 43,179.69	\$41,778.48	\$19,226.43	\$39,369.28	\$31,709.05	\$42,290.62	\$ 30,831.67	\$ 19,743.15	\$ 22,083.51
December	\$ 40,845.39	\$40,226.00	\$37,705.31	\$31,965.74	\$40,593.13	\$29,563.83	\$ 25,853.68	\$ 28,867.86	\$ 24,568.30
<b>Total Calls</b>	<b>\$ 609,044.15</b>	<b>\$ 525,660.84</b>	<b>\$ 431,208.88</b>	<b>\$ 524,196.45</b>	<b>\$ 454,786.00</b>	<b>\$ 443,909.84</b>	<b>\$ 385,848.10</b>	<b>\$ 328,795.41</b>	<b>\$ 363,665.25</b>



## 2011 Annual Report 2002 - 2011 Financial Summary

	Year	No. of Runs	Accounts Receivable	Amount Collected	Write off to Date	Collections Remaining
1	2002	820	\$ 468,098.30	\$ 281,407.31	\$ 161,425.99	\$ 25,265.00
2	2003	1093	\$ 563,969.42	\$ 363,665.25	\$ 169,707.72	\$ 30,596.45
3	2004	980	\$ 515,824.86	\$ 328,795.94	\$ 165,146.45	\$ 21,882.47
4	2005	1078	\$ 565,267.38	\$ 385,848.10	\$ 148,897.81	\$ 30,521.47
5	2006	1182	\$ 618,621.52	\$ 443,909.84	\$ 146,428.49	\$ 28,283.19
6	2007	1191	\$ 648,389.93	\$ 454,786.00	\$ 154,136.67	\$ 39,467.26
7	2008	1328	\$ 738,885.78	\$ 524,196.45	\$ 159,138.13	\$ 55,551.20
8	2009	1105	\$ 632,760.47	\$ 431,208.88	\$ 152,098.97	\$ 49,452.62
9	2010	1220	\$ 767,044.51	\$ 525,660.84	\$ 171,904.12	\$ 69,479.55
#	2011	1411	\$ 889,456.67	\$ 609,044.15	\$ 151,972.26	\$ 128,440.26



**NOTE: Write Off's include uncollectable assignments from Insurance Companies, indigent, Medicare and Medicaid assignments.**

# **Sturgis Fire & Emergency Services**

**2011**

**Fire Division  
Summary**

## Sturgis Volunteer Fire Department 2011 Overall Staff Participation Report

Name	Training Hours	Incident Hours/ Activity Hours/	Total Participation Hours	# of Incidents Participated	% of Incident Participation	% of incidents Participiation Absent Rally Responses
Barrows, Shane	36.50	54.23	90.73	21	8.97%	12.00%
Barrows, Shawn	278.50	146.66	425.16	48	20.51%	27.43%
Bartels, Todd	23.50	250.44	273.94	88	37.61%	50.29%
Bruch, Zweit	0.00	4.25	4.25	1	0.43%	0.57%
Cooper, LeRoy	0.00	29.28	29.28	23	9.83%	13.14%
Cruickshank, Kurt	21.50	40.91	62.41	10	4.27%	5.71%
Fischer, David	23.00	112.58	135.58	49	20.94%	28.00%
Grubl, Adam	7.50	36.53	44.03	13	5.56%	7.43%
Grubl, Chris	25.50	93.85	119.35	25	10.68%	14.29%
Grubl, Dan	10.00	39.67	49.67	17	7.26%	9.71%
Haivala, Erik	10.00	30.11	40.11	8	3.42%	4.57%
Hymas, Scott	0.00	5.5	5.50	2	0.85%	1.14%
Jolley, Nathan	1.50	23.11	24.61	10	4.27%	5.71%
Bob Keyte	26.00	126.77	152.77	36	15.38%	20.57%
Koan, Ron	20.50	182.92	203.42	103	44.02%	58.86%
Koch, Mike	3.00	68.96	71.96	28	11.97%	16.00%
Kusser, Josh	18.50	55.82	74.32	26	11.11%	14.86%
Larive, Mark	3.00	6.5	9.50	0	0.00%	0.00%
LaRue, Maury	0.00	2	2.00	0	0.00%	0.00%
Lensegrav, Scott	19.00	69.31	88.31	49	20.94%	28.00%
Linn, Derrick	9.00	40.63	49.63	18	7.69%	10.29%
Lyons, Brent	29.00	83.3	112.30	39	16.67%	22.29%
Maschino, Brian	6.50	4.88	11.38	1	0.43%	0.57%
Maschion, Kim	0.00	4.5	4.50	0	0.00%	0.00%
Monahan, San	10.00	57.58	67.58	28	11.97%	16.00%

## Sturgis Volunteer Fire Department 2011 Staff Participation Report

Name	Training Hours	Incident Hours/ Activity Hours/ Hours/	Total Participation Hours	# of Incidents Participated	% of Incidnet Particiaption	% of incidents Particiaption Absent Rally Responses
Monahan, Tom	7.50	70.04	77.54	24	10.26%	13.71%
Montanio, Micky	13.00	23.04	36.04	7	2.99%	4.00%
Murphy, John	5.00	73.78	78.78	32	13.68%	18.29%
Nelson, Tom	17.50	59.82	77.32	40	17.09%	22.86%
Olson, Brad	27.50	120.63	148.13	69	29.49%	39.43%
Peterson, Shawn	53.50	37.01	90.51	15	6.41%	8.57%
Potter, Jeff	10.00	47.65	57.65	19	8.12%	10.86%
Raber, Alex	6.50	46	52.50	25	10.68%	14.29%
Roth, Ron	0.00	12.01	12.01	10	4.27%	5.71%
Shaulis, Warren	5.50	27.04	32.54	26	11.11%	14.86%
Siedschlaw, Bob	3.00	31.67	34.67	9	3.85%	5.14%
Stroschine, Lee	57.50	32.6	90.10	18	7.69%	10.29%
Swenby, Cindy	17.50	88.66	106.16	46	19.66%	26.29%
Trigg, Tom	29.50	341.35	370.85	108	46.15%	61.71%
Urbaniak, Pat	19.00	24.89	43.89	11	4.70%	6.29%
Walker, Clint	3.00	11.48	14.48	3	1.28%	1.71%
Weisz, Adam	22.50	134.92	157.42	42	17.95%	24.00%
Whelchel, Joel	9.50	30.02	39.52	15	6.41%	8.57%

Total Training Hours:

**889.50**

Total Incident/Activity Hours

**2782.9**

Total Document Participation Hours

**3672.4**

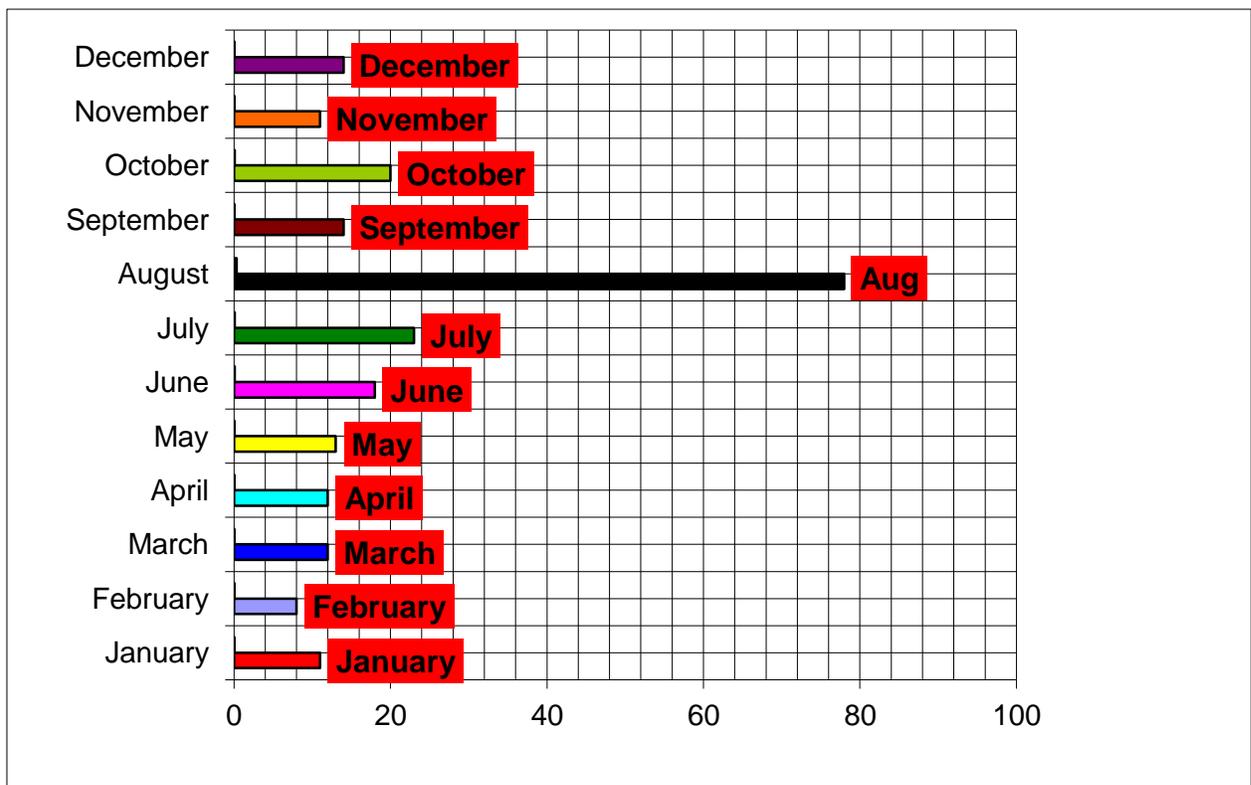
Total Number of Incident Responses

**234**

**2011 Annual Report  
Sturgis Fire Department**

**2011 Total Fire Department Responses by Month**

Monty	Number of Calls	Percent
January	11	4.74%
February	8	3.45%
March	12	5.17%
April	12	5.17%
May	13	5.60%
June	18	7.76%
July	23	9.91%
August	78	33.62%
September	14	6.03%
October	20	8.62%
November	11	4.74%
December	14	6.03%
<b>Total</b>	<b>234</b>	<b>100.00%</b>

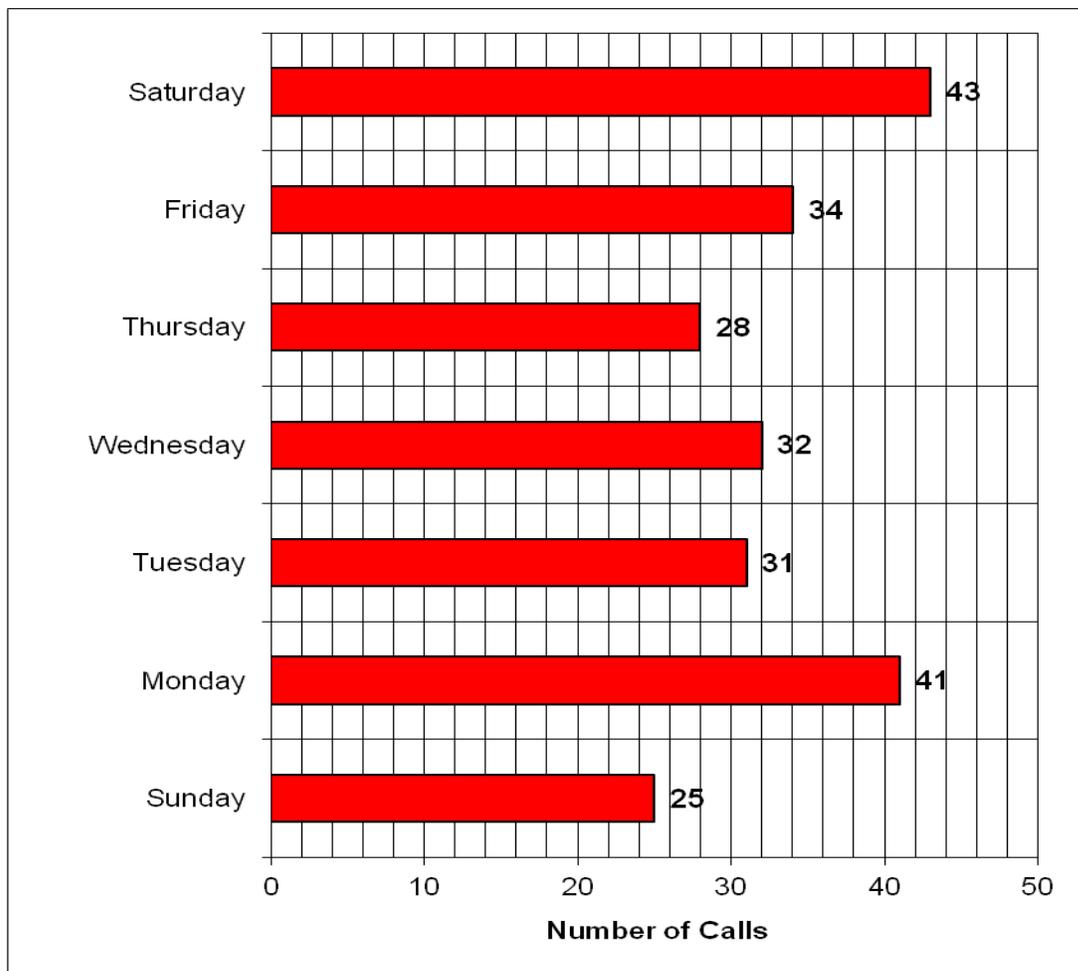


# 2011 Annual Report

## Sturgis Fire Department

### Fire Department Responses Per Day of the Week 2011

Day	Number of Calls	Percent
Sunday	25	10.78%
Monday	41	17.67%
Tuesday	31	13.36%
Wednesday	32	13.79%
Thursday	28	12.07%
Friday	34	14.66%
Saturday	43	18.53%

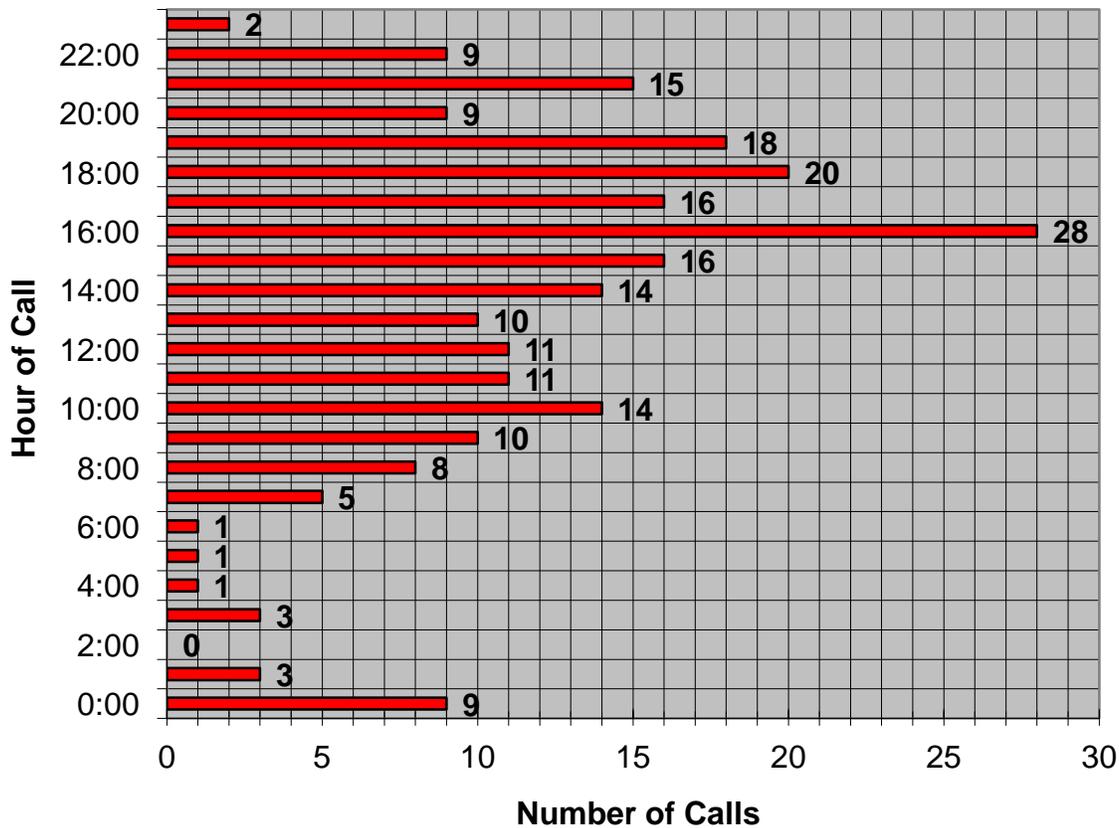


# 2011 Annual Report

## Sturgis Fire Department

### 2011 Fire Department Response Per Hour of the Day

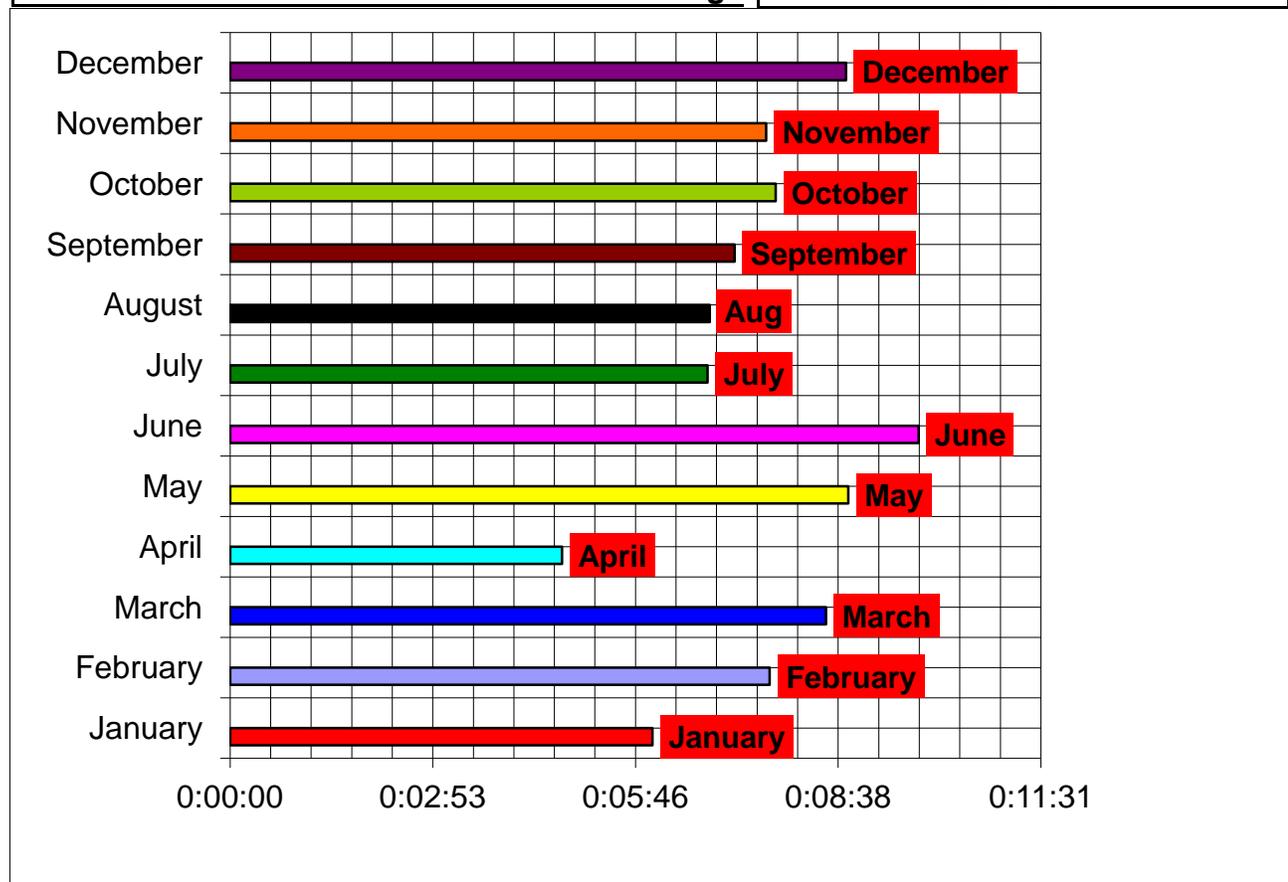
Hour of Day	Number of Calls	Percent
0:00	9	3.88%
1:00	3	1.29%
2:00	0	0.00%
3:00	3	1.29%
4:00	1	0.43%
5:00	1	0.43%
6:00	1	0.43%
7:00	5	2.16%
8:00	8	3.45%
9:00	10	4.31%
10:00	14	6.03%
11:00	11	4.74%
12:00	11	4.74%
13:00	10	4.31%
14:00	14	6.03%
15:00	16	6.90%
16:00	28	12.07%
17:00	16	6.90%
18:00	20	8.62%
19:00	18	7.76%
20:00	9	3.88%
21:00	15	6.47%
22:00	9	3.88%
23:00	2	0.86%



**2011 Annual Report  
Sturgis Fire Department**

**2011 Fire Dept. City Average Response Time Month of Year**

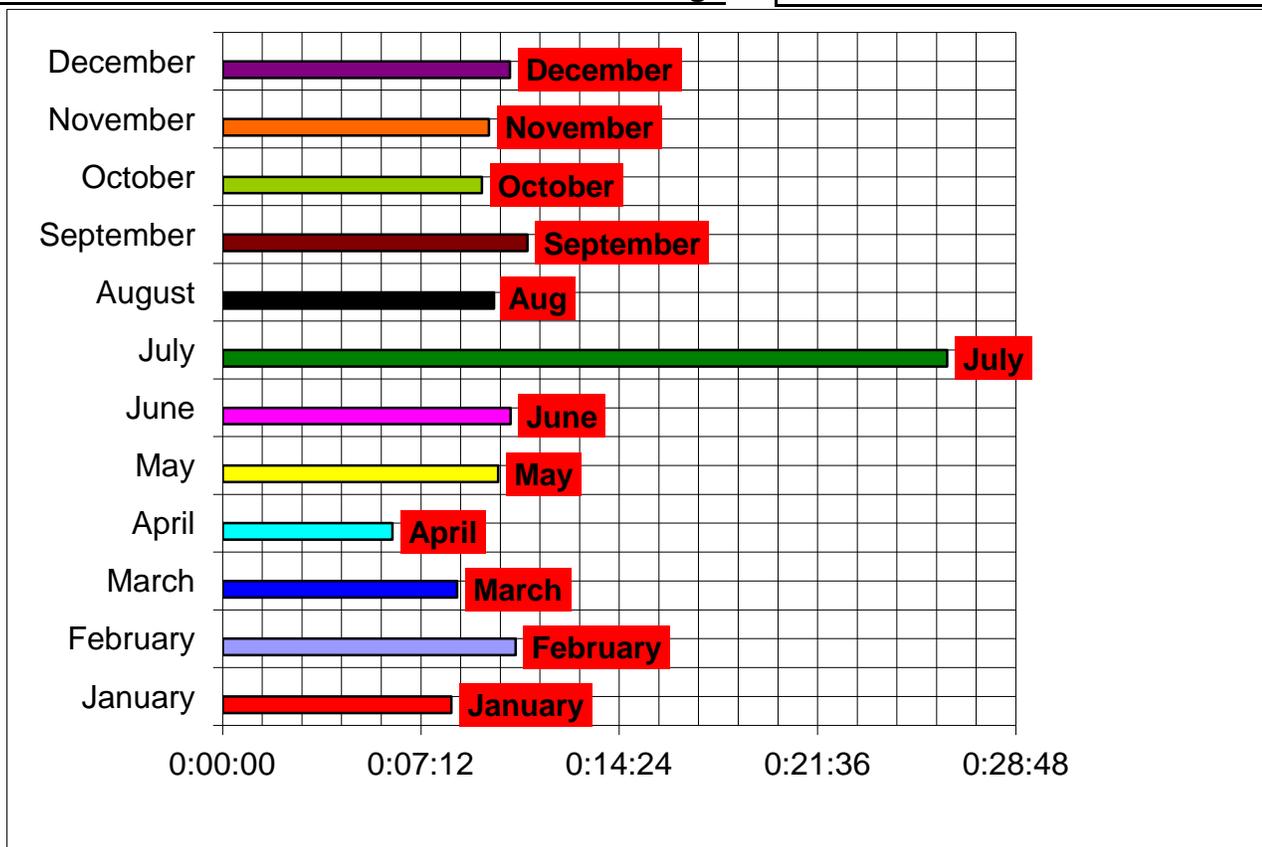
Month of Year	Response Time In Minutes
January	0:06:00
February	0:07:40
March	0:08:28
April	0:04:43
May	0:08:47
June	0:09:47
July	0:06:47
August	0:06:49
September	0:07:10
October	0:07:45
November	0:07:37
December	0:08:45
<b>Total Average</b>	<b>0:07:51</b>



**2011 Annual Report  
Sturgis Fire Department**

**2011 Fire Dept. Overall Average Response Time Month of Year**

Month of Year	Response Time In Minutes
January	0:08:18
February	0:10:38
March	0:08:31
April	0:06:10
May	0:10:00
June	0:10:27
July	0:26:18
August	0:09:51
September	0:11:04
October	0:09:25
November	0:09:40
December	0:10:26
<b>Total Average</b>	<b>0:11:27</b>



## Sturgis Fire Department

### Average Turnout per Incident (month/year)

2011		
Month	Number of Incidents	Average Turnout
January	11	6
February	8	8
March	12	8
April	12	6
May	13	8
June	18	4
July	23	7
August	78	4
September	14	6
October	20	7
November	11	7
December	14	6
Average Turnout Overall	6.41	

2010		
Month	Number of Incidents	Average Turnout
January	16	7
February	10	7
March	9	10
April	11	8
May	9	6
June	18	5
July	22	7
August	58	4
September	18	5
October	14	6
November	13	7
December	8	4
Average Turnout Overall	6.33	

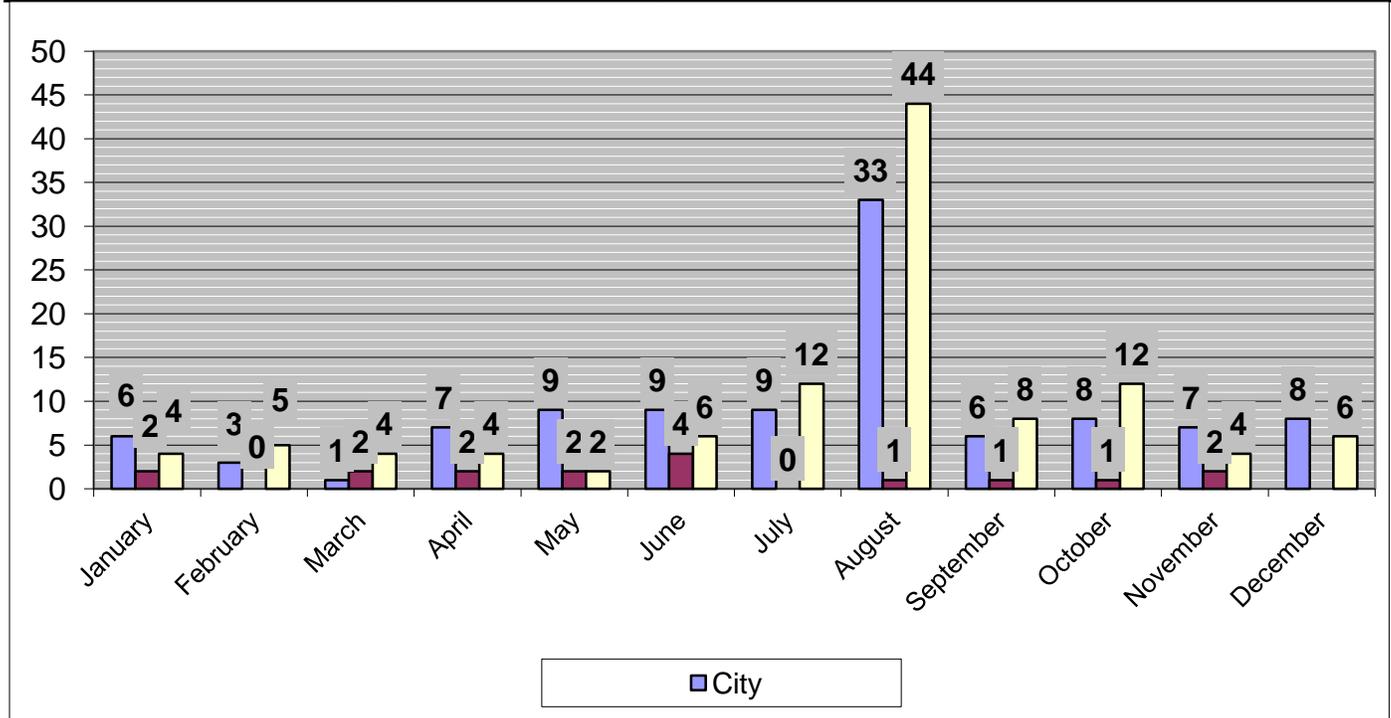
Month	Number of Incidents	Average Turnout
January	10	6
February	10	5
March	13	8
April	11	7
May	16	7
June	12	6
July	21	7
August	47	4
September	17	7
October	12	7
November	14	9
December	23	5
Average Turnout Overall	7.034	

Month	Number of Incidents	Average Turnout
January	7	4
February	22	6
March	13	8
April	8	8
May	14	7
June	18	3
July	11	5
August	58	4
September	15	7
October	9	5
November	29	5
December	22	5
Average Turnout Overall	6.12	

## 2011 Year End Report Sturgis Fire Department

### 2011 Department Response by Month and District Compassion

Month	City	2 Mile Radius	County
January	6	2	4
February	3	0	5
March	1	2	4
April	7	2	4
May	9	2	2
June	9	4	6
July	9	0	12
August	33	1	44
September	6	1	8
October	8	1	12
November	7	2	4
December	8		6
<b>Total Calls</b>	<b>106</b>	<b>17</b>	<b>111</b>

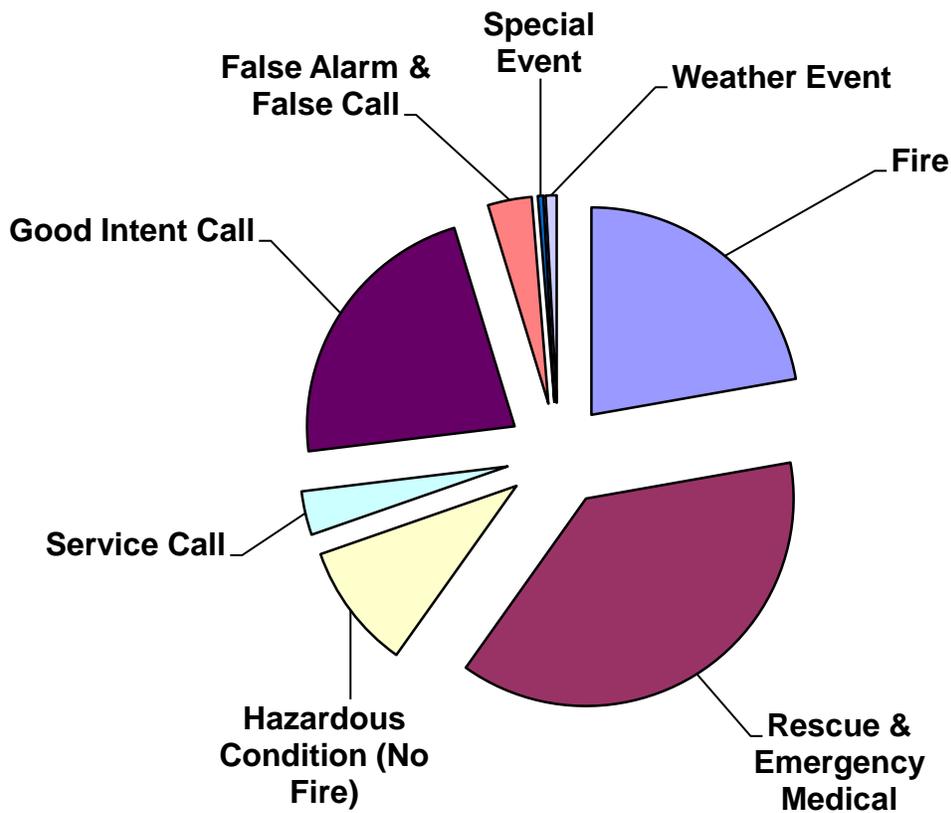


**2011 Annual Report  
Sturgis Fire Department**

**2011 Fire Department Incident Response by Type**

Incident Type	Number of Calls	Percent of Incidents
Fire	52	22.41%
Rescue & Emergency Medical	88	37.93%
Hazardous Condition (No Fire)	23	9.91%
Service Call	8	3.45%
Good Intent Call	52	22.41%
False Alarm & False Call	8	3.45%
Special Event	1	0.43%
Weather Event	2	0.86%

**Incident Type Summary Chart**

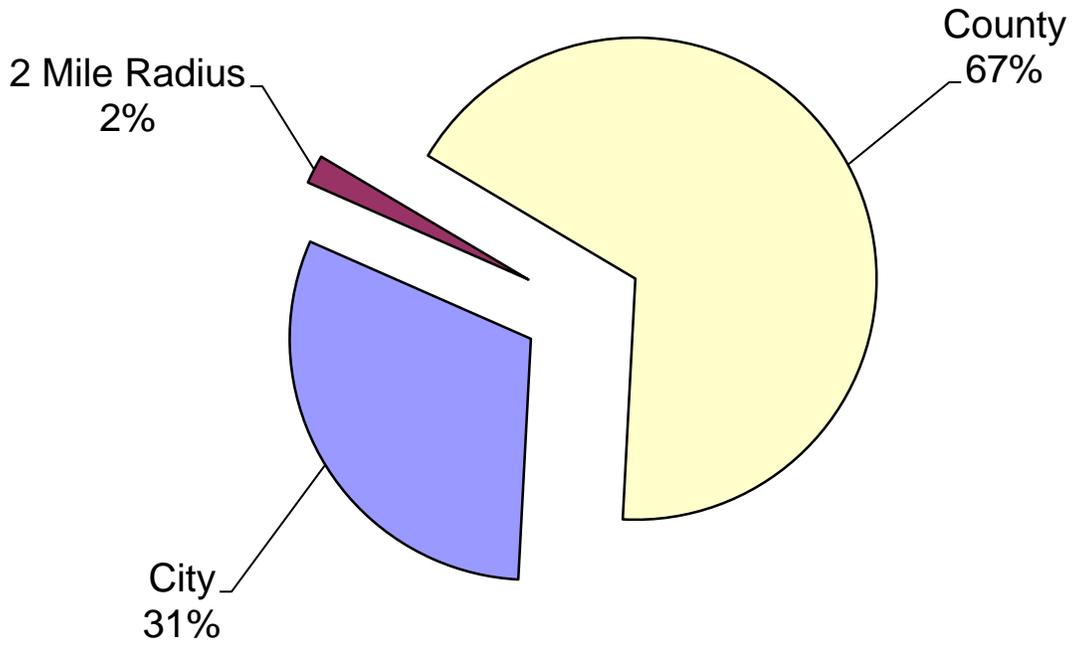


2011 Annual Report  
Sturgis Fire Department

2011 Fire Department, Fire Calls Per Response Area

Calls Per District	Number of Calls	Percent
City	16	30.77%
2 Mile Radius	1	1.92%
County	35	67.31%

Fire Calls Per District

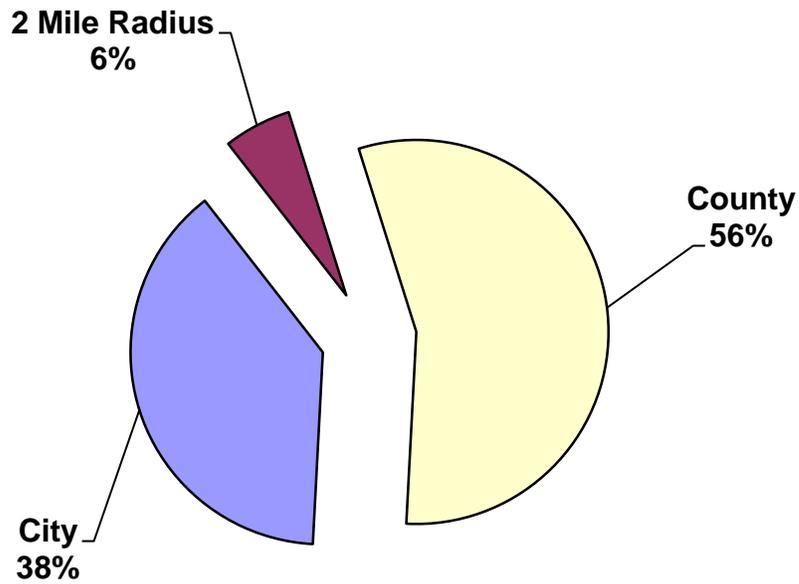


**2011 Annual Report  
Sturgis Fire Department**

**2011 Fire Department Rescue Calls Per Response Area**

District	Number of Calls	Percent By District
City	34	43.04%
2 Mile Radius	5	6.33%
County	49	62.03%

**Rescue Calls By District**

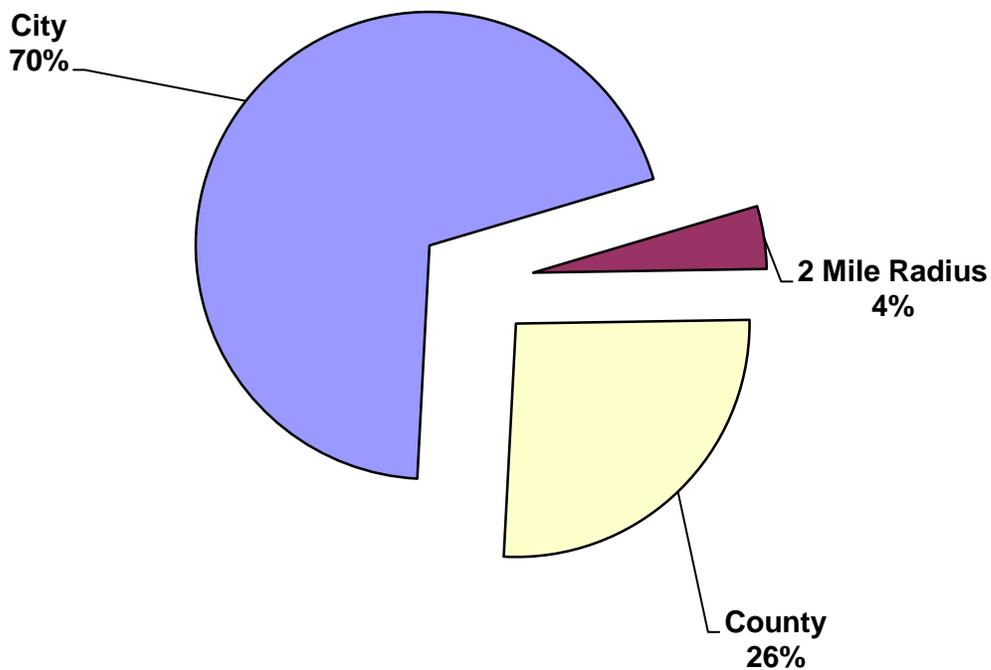


2011 Annual Report  
Sturgis Fire Department

2011 Fire Department, Hazardous Condition Calls Per Response Area

Calls Per District	Number of Calls	Percent
City	16	84.21%
2 Mile Radius	1	5.26%
County	6	31.58%

Hazardous Condition Calls Per District

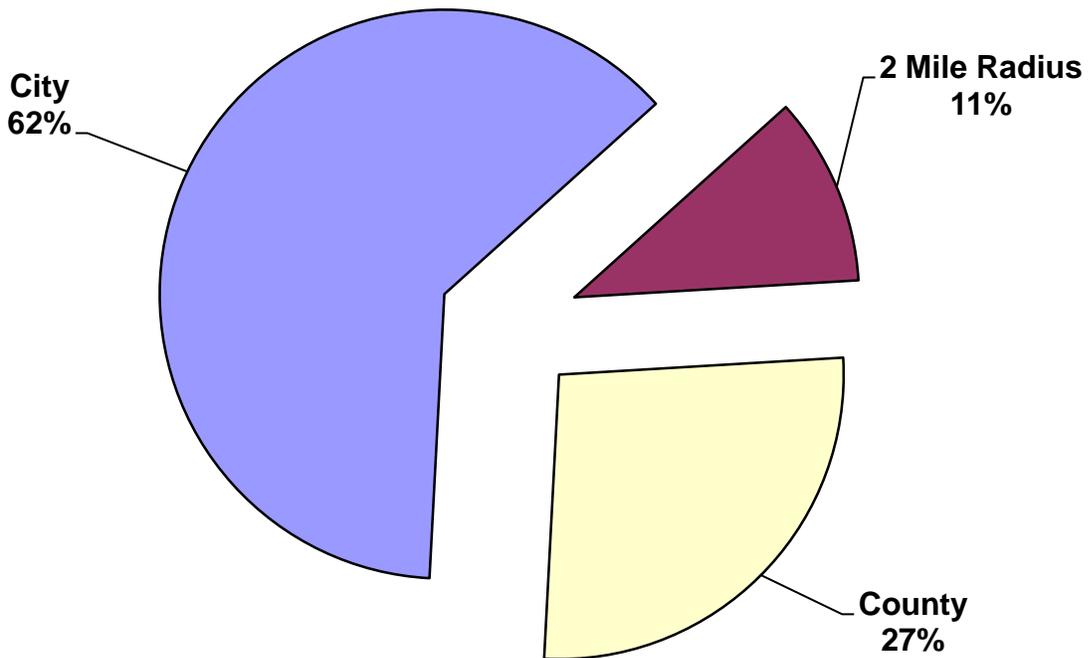


2011 Annual Report  
Sturgis Fire Department

2011 Fire Department, Good Intent Calls Per Response Area

Calls Per District	Number of Calls	Percent
City	35	56.45%
2 Mile Radius	6	9.68%
County	15	24.19%

Good Intent Calls Per District

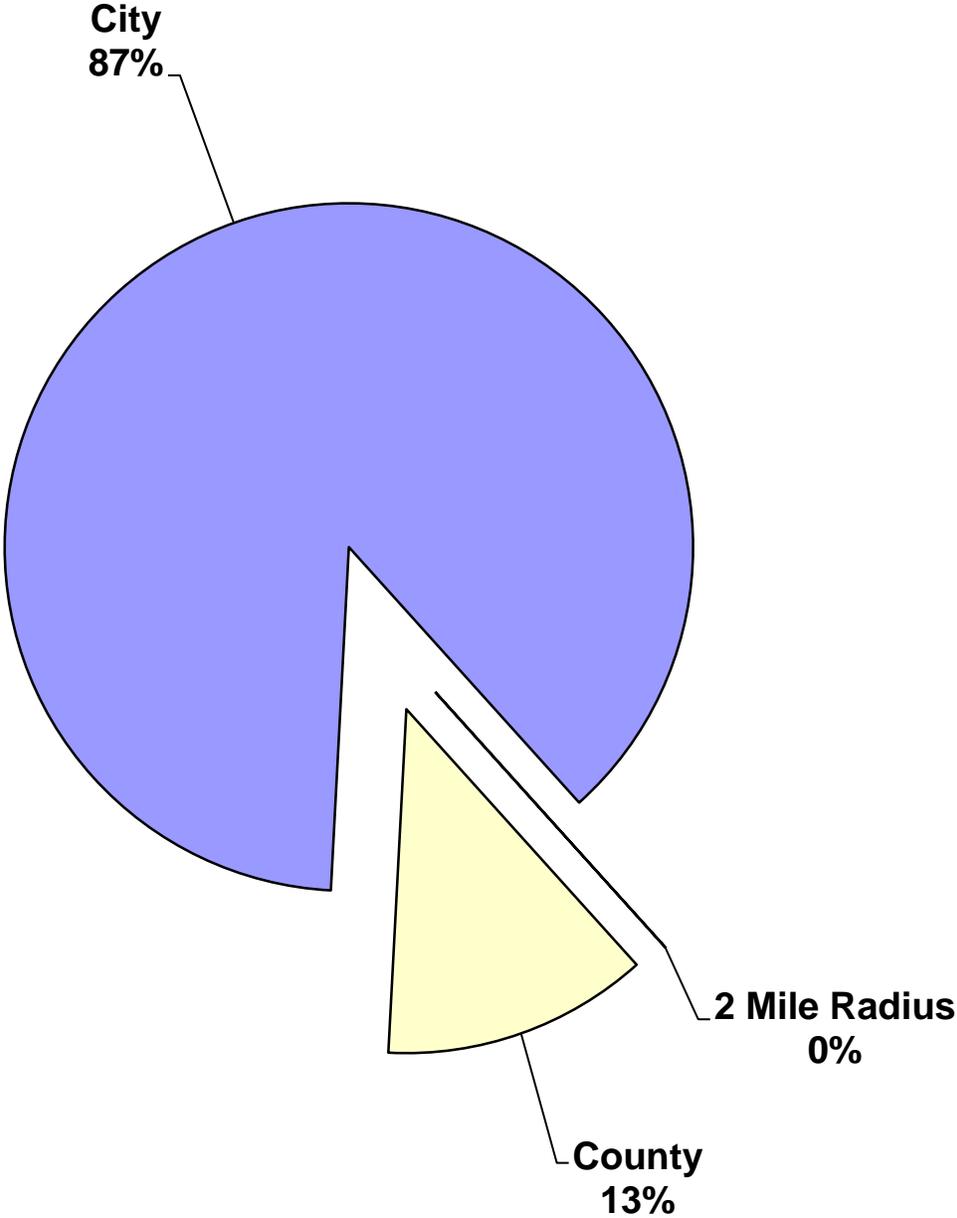


2011 Annual Report  
Sturgis Fire Department

2011 Fire Department False Calls per Response Area

Response District	Number of Calls	Percent
City	7	50.00%
2 Mile Radius	0	0.00%
County	1	7.14%

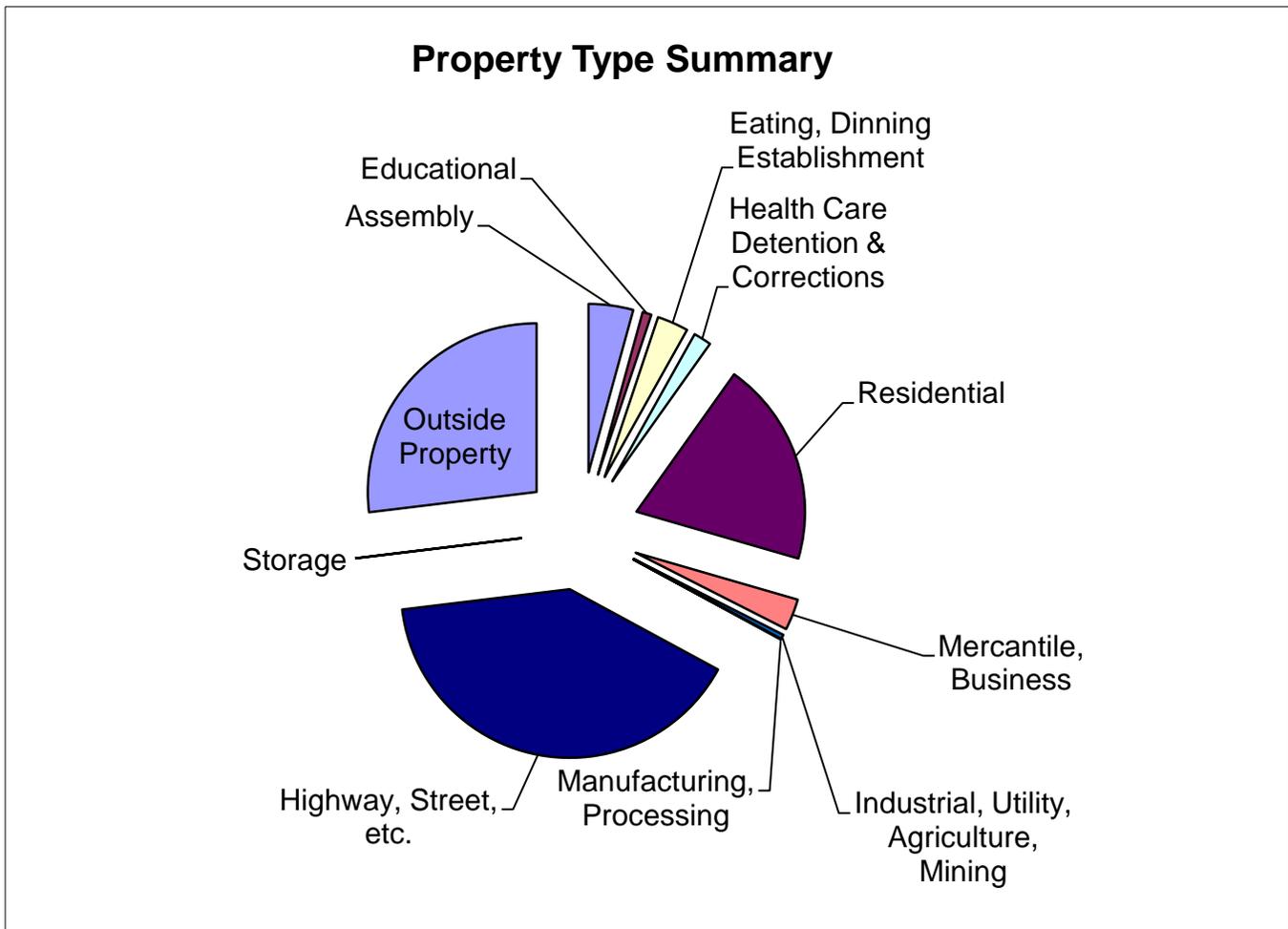
False Calls Per District



**2011 Annual Report  
Sturgis Fire Department**

**2011 Responses in Relation to Property Type**

<b>Property Type</b>	<b>Number of Calls</b>	<b>Percent of Incidents</b>
Assembly	10	4.31%
Educational	2	0.86%
Eating, Dinning Establishment	7	3.02%
Health Care Detention & Corrections	4	1.72%
Residential	46	19.83%
Mercantile, Business	7	3.02%
Industrial, Utility, Agriculture, Mining	1	0.43%
Manufacturing, Processing	0	0.00%
Highway, Street, etc.	94	40.52%
Storage	0	0.00%
Outside Property	63	27.16%



2011 Year End Report  
 Sturgis Fire Department

2011 Incident Response Type Detailed Summary (NIFRS Code)

	Number of Calls	Percent of Calls
<b>1 Fire</b>		
111 Building Fire	9	3.84%
113 Cooking fire, confined to container	3	1.28%
114 Chimney or flue fire, confined to chimney	1	0.42%
131 Passenger vehicle fire	4	1.70%
138 Off-road vehicle or heavy equipment	1	0.42%
132 Road freight or transport vehicle fire	1	0.42%
141 Forest, wood or wildland	4	1.70%
142 Brush or brush-and-grass	1	0.42%
143 Grass	19	8.11%
151 Outside rubbish, trash or waste fire	1	0.42%
152 Dumpster or other outside trash receptacle	1	0.42%
153 Constructitno or demolition landfill fire	1	0.42%
154 Dumpster or other outside trash receptacle	3	1.28%
162 Outside equipment fire	1	0.42%
170 Cultivated vegetation, crop fire, other	1	0.42%
171 Cultivated grain or crop fire	1	0.42%
<b>Total</b>	<b>52</b>	
<b>Percent of Total Fire Dept. Responses</b>		<b>22.11%</b>
<b>3 Rescue &amp; Emergency Medical Incident</b>		
311 Medical assist, assist EMS Staff	20	8.54%
321 EMS Call, Excluding vehicle accident	1	0.42%
322 Motor vehicle accident with injuries	47	20.08%
Motor vehciule accident with no injuries	14	5.98%
353 Removal of victim(s) from elevator	1	0.42%
352 Extrication of vicitim(s) from vehicle	2	0.85%
353 Removal of victim(s) from elevator	1	0.42%
357 Extrication of victim(s) from machinery	2	0.85%
<b>Total</b>	<b>88</b>	
<b>Percent of Total Fire Dept. Responses</b>		<b>37.56%</b>
<b>4 Hazardous Condition (No Fire)</b>		
411 Gasoline or other flammable liquid spill	6	2.56%
412 Gas leak (natural gas or LPG)	1	0.42%
413 Oil or other combustibile liquid spill	11	4.70%
422 Chemical spill or leak	2	0.85%
445 Arcing, shorted electrical equipment	1	0.42%
451 Biological hazard, confiremd or suspected	1	0.42%
463 Vehicle accient, general cleanup	1	0.42%
<b>Total</b>	<b>23</b>	
<b>Percent of Total Fire Dept. Responses</b>		<b>9.79%</b>

2011 Year End Report  
 Sturgis Fire Department

2011 Incident Type Detailed Summary (NIFRS Code) (Cont.)

	Number of Calls	Percent of Calls
<b>5 Service Call</b>		
551 Assost police or other gov. agency	2	0.85%
553 Public Service	6	2.56%
<b>Total</b>	<b>8</b>	
<b>Percent of Total Fire Dept. Responses</b>		<b>3.41%</b>
<b>6 Good Intent Call</b>		
611 Dispatched/cancelled en route	1	0.42%
622 No incident found on arival	1	0.42%
631 Authorized controlled burning	2	0.85%
632 Prescribed fire	5	2.13%
651 smoke scare, order of smoke	36	15.38%
652 Steam, vapor, fog or dust	6	2.56%
671 HazMat release investigation w/no HazMat	1	0.42%
<b>Total</b>	<b>52</b>	
<b>Percent of Total Fire Dept. Responses</b>		<b>22.18%</b>
<b>7 False Alarm &amp; False Call</b>		
714 Central station, malicious false alarm	1	0.42%
731 Sprinkler activation due to malfunction	1	0.42%
735 Alarm system sounded due to malfunction	6	2.56%
<b>Total</b>	<b>8</b>	
<b>Percent of Total Fire Dept. Responses</b>		<b>3.40%</b>
<b>8 Severe Weather &amp; Natural Disaster</b>		
800 Severe weatehr or natural disaster, other	2	0.85%
<b>Total</b>	<b>2</b>	
<b>Percent of Total Fire Dept. Responses</b>		<b>0.85%</b>
<b>9 Special Incident Type</b>		
900 Special type of incident, other	1	0.42%
<b>Total</b>	<b>1</b>	
<b>Percent of Total Fire Dept. Responses</b>		<b>0.42%</b>
<b>Total Calls</b>	<b>234</b>	

2011 Annual Report  
Sturgis Fire Department

**Total Time of Call by Incident Type & District**

Incident Type	Response Area	Number of Responses	Average Time on scene Per Incident	Total Time on scene
111 Building Fire	City	5	2:05:29	10:27:23
	2 Mile Radius	0	0:00:00	0:00:00
	County	4	2:58:00	11:52:00
<b>Totals For Incident Type</b>		<b>9</b>	<b>2:28:49</b>	<b>22:19:23</b>

Incident Type	Response Area	Number of Responses	Average Time on scene Per Incident	Total Time on scene
113 Cooking Fire confined to container	City	3	1:07:00	3:21:00
	2 Mile Radius	0	0:00:00	0:00:00
	County	0	0:00:00	0:00:00
<b>Totals For Incident Type</b>		<b>2</b>	<b>0:35:19</b>	<b>1:10:37</b>

Incident Type	Response Area	Number of Responses	Average Time on scene Per Incident	Total Time on scene
114 Chimney or flue fire confined to chimney or flue	City	0	0:00:00	0:00:00
	2 Mile Radius	0	0:00:00	0:00:00
	County	1	1:28:00	1:28:00
<b>Totals For Incident Type</b>		<b>1</b>	<b>1:28:00</b>	<b>1:28:00</b>

Incident Type	Response Area	Number of Responses	Average Time on scene Per Incident	Total Time on scene
131 Passenger vehicle fire	City	2	0:38:00	1:16:00
	2 Mile Radius	0	0:00:00	0:00:00
	County	2	1:08:30	2:17:00
<b>Totals For Incident Type</b>		<b>4</b>	<b>0:53:15</b>	<b>3:33:00</b>

Incident Type	Response Area	Number of Responses	Average Time on scene Per Incident	Total Time on scene
132 Road freight or transport vehicle fire	City	0	0:00:00	0:00:00
	2 Mile Radius	0	0:00:00	0:00:00
	County	1	0:52:00	0:52:00
<b>Totals For Incident Type</b>		<b>1</b>	<b>0:52:00</b>	<b>0:52:00</b>

## Total Time of Call by Incident Type & District

Incident Type	Response Area	Number of Responses	Average Time on scene Per Incident	Total Time on scene
138 Off-road vehicle or heavy equipment fire	City	0	0:00:00	0:00:00
	2 Mile Radius	0	0:00:00	0:00:00
	County	1	1:20:00	1:20:00
<b>Totals For Incident Type</b>		<b>1</b>	<b>1:20:00</b>	<b>1:20:00</b>

Incident Type	Response Area	Number of Responses	Average Time on scene Per Incident	Total Time on scene
141 Forest, woods or wildland fire	City	1	2:52:00	2:52:00
	2 Mile Radius	0	0:00:00	0:00:00
	County	3	2:30:40	7:32:00
<b>Totals For Incident Type</b>		<b>4</b>	<b>2:36:00</b>	<b>10:24:00</b>

Incident Type	Response Area	Number of Responses	Average Time on scene Per Incident	Total Time on scene
142 Brush or brush-and-grass mixture fire	City	0	0:00:00	0:00:00
	2 Mile Radius	0	0:00:00	0:00:00
	County	1	1:45:00	1:45:00
<b>Totals For Incident Type</b>		<b>1</b>	<b>1:45:00</b>	<b>1:45:00</b>

Incident Type	Response Area	Number of Responses	Average Time on scene Per Incident	Total Time on scene
143 Grass fire	City	1	0:57:00	0:57:00
	2 Mile Radius	1	1:24:00	1:24:00
	County	18	1:49:43	32:55:00
<b>Totals For Incident Type</b>		<b>20</b>	<b>1:45:48</b>	<b>35:16:00</b>

Incident Type	Response Area	Number of Responses	Average Time on scene Per Incident	Total Time on scene
151 Outside rubbish, trash or waste fire	City	0	0:00:00	0:00:00
	2 Mile Radius	0	0:00:00	0:00:00
	County	1	1:19:00	1:19:00
<b>Totals For Incident Type</b>		<b>1</b>	<b>1:19:00</b>	<b>1:19:00</b>

### Total Time of Call by Incident Type & District

Incident Type	Response Area	Number of Responses	on scene Per Incident	Total Time on scene
152 Garbage dump or sanitary landfill fire	City	0	0:00:00	0:00:00
	2 Mile Radius	0	0:00:00	0:00:00
	County	1	2:50:00	2:50:00
<b>Totals For Incident Type</b>		<b>1</b>	<b>2:50:00</b>	<b>2:50:00</b>

Incident Type	Response Area	Number of Responses	on scene Per Incident	Total Time on scene
153 Construction landfill fire	City	0	0:00:00	0:00:00
	2 Mile Radius	0	0:00:00	0:00:00
	County	1	2:50:00	2:50:00
<b>Totals For Incident Type</b>		<b>1</b>	<b>2:50:00</b>	<b>2:50:00</b>

Incident Type	Response Area	Number of Responses	Average Time on scene Per Incident	Total Time on scene
154 Dumpster or other outside trash receptacle fire	City	3	0:44:40	2:14:00
	2 Mile Radius	0	0:00:00	0:00:00
	County	0	0:00:00	0:00:00
<b>Totals For Incident Type</b>		<b>3</b>	<b>0:44:40</b>	<b>2:14:00</b>

Incident Type	Response Area	Number of Responses	Average Time on scene Per Incident	Total Time on scene
162 Outside equipment fire	City	1	2:20:00	2:20:00
	2 Mile Radius	0	0:00:00	0:00:00
	County	0	0:00:00	0:00:00
<b>Totals For Incident Type</b>		<b>1</b>	<b>2:20:00</b>	<b>2:20:00</b>

Incident Type	Response Area	Number of Responses	Average Time on scene Per Incident	Total Time on scene
170 Cultivated vegetation, crop fire, other	City	0	0:00:00	0:00:00
	2 Mile Radius	0	0:00:00	0:00:00
	County	1	0:35:00	0:35:00
<b>Totals For Incident Type</b>		<b>1</b>	<b>0:35:00</b>	<b>0:35:00</b>

## Total Time of Call by Incident Type & District

Incident Type	Response Area	Number of Responses	Average Time on scene Per Incident	Total Time on scene
171 Cultivated grain or crop fire	City	0	0:00:00	0:00:00
	2 Mile Radius	0	0:00:00	0:00:00
	County	1	5:25:00	5:25:00
<b>Totals For Incident Type</b>		<b>1</b>	<b>5:25:00</b>	<b>5:25:00</b>

Incident Type	Response Area	Number of Responses	Average Time on scene Per Incident	Total Time on scene
311 Medical assist, assist EMS crew	City	0	0:00:00	0:00:00
	2 Mile Radius	0	0:00:00	0:00:00
	County	8	0:46:30	6:12:00
<b>Totals For Incident Type</b>		<b>8</b>	<b>0:46:30</b>	<b>6:12:00</b>

Incident Type	Response Area	Number of Responses	Average Time on scene Per Incident	Total Time on scene
321 EMS call, excluding vehicle accident with injury	City	12	0:36:10	7:14:00
	2 Mile Radius	0	0:00:00	0:00:00
	County	1	0:20:00	0:20:00
<b>Totals For Incident Type</b>		<b>13</b>	<b>0:34:55</b>	<b>7:34:00</b>

Incident Type	Response Area	Number of Responses	Average Time on scene Per Incident	Total Time on scene
322 Motor vehicle accident with injuries	City	17	0:34:00	9:38:00
	2 Mile Radius	2	0:43:00	1:26:00
	County	30	0:53:30	26:44:59
<b>Totals For Incident Type</b>		<b>49</b>	<b>0:46:18</b>	<b>37:48:59</b>

Incident Type	Response Area	Number of Responses	Average Time on scene Per Incident	Total Time on scene
324 Motor vehicle accident with no injuries	City	4	0:29:00	1:56:00
	2 Mile Radius	2	0:42:30	1:25:00
	County	8	1:07:38	9:01:00
<b>Totals For Incident Type</b>		<b>14</b>	<b>0:53:00</b>	<b>12:22:00</b>

## Total Time of Call by Incident Type & District

Incident Type	Response Area	Number of Responses	Average Time on scene Per Incident	Total Time on scene
341 Search for person land	City	0	0:00:00	0:00:00
	2 Mile Radius	0	0:00:00	0:00:00
	County	1	0:10:00	0:10:00
<b>Totals For Incident Type</b>		<b>1</b>	<b>0:10:00</b>	<b>0:10:00</b>

Incident Type	Response Area	Number of Responses	Average Time on scene Per Incident	Total Time on scene
352 Extrication of victim(s) from vehicle	City	0	0:00:00	0:00:00
	2 Mile Radius	0	0:00:00	0:00:00
	County	2	2:07:10	4:14:19
<b>Totals For Incident Type</b>		<b>2</b>	<b>2:07:10</b>	<b>4:14:19</b>

Incident Type	Response Area	Number of Responses	Average Time on scene Per Incident	Total Time on scene
353 Removal of victim(s) from stalled elevator	City	0	0:00:00	0:00:00
	2 Mile Radius	0	0:00:00	0:00:00
	County	1	2:14:19	2:14:19
<b>Totals For Incident Type</b>		<b>1</b>	<b>2:14:19</b>	<b>2:14:19</b>

Incident Type	Response Area	Number of Responses	Average Time on scene Per Incident	Total Time on scene
357 Extrication of victim(s) from machinery	City	0	0:00:00	0:00:00
	2 Mile Radius	1	0:40:00	0:40:00
	County	0	0:00:00	0:00:00
<b>Totals For Incident Type</b>		<b>1</b>	<b>0:40:00</b>	<b>0:40:00</b>

Incident Type	Response Area	Number of Responses	Average Time on scene Per Incident	Total Time on scene
411 Gasoline or other flammable liquid spill	City	4	0:44:30	2:58:00
	2 Mile Radius	0	0:00:00	0:00:00
	County	2	1:39:00	3:18:00
<b>Totals For Incident Type</b>		<b>6</b>	<b>1:02:40</b>	<b>6:16:00</b>

## Total Time of Call by Incident Type & District

Incident Type	Response Area	Number of Responses	Average Time on scene Per Incident	Total Time on scene
412 Gas leak (natural gas or LPG)	City	1	0:59:00	0:59:00
	2 Mile Radius	0	0:00:00	0:00:00
	County	0	0:00:00	0:00:00
<b>Totals For Incident Type</b>		<b>1</b>	<b>0:59:00</b>	<b>0:59:00</b>

Incident Type	Response Area	Number of Responses	Average Time on scene Per Incident	Total Time on scene
413 Oil or other combustible liquid spill	City	8	0:29:00	3:52:00
	2 Mile Radius	0	0:00:00	0:00:00
	County	3	0:37:40	1:53:00
<b>Totals For Incident Type</b>		<b>11</b>	<b>0:31:22</b>	<b>5:45:00</b>

Incident Type	Response Area	Number of Responses	Average Time on scene Per Incident	Total Time on scene
422 Chemical spill or leak	City	1	0:36:00	0:36:00
	2 Mile Radius	1	0:50:00	0:50:00
	County	0	0:00:00	0:00:00
<b>Totals For Incident Type</b>		<b>2</b>	<b>0:43:00</b>	<b>1:26:00</b>

Incident Type	Response Area	Number of Responses	Average Time on scene Per Incident	Total Time on scene
445 arcing, shorted electrical equipment	City	1	0:07:00	0:07:00
	2 Mile Radius	0	0:00:00	0:00:00
	County	0	0:00:00	0:00:00
<b>Totals For Incident Type</b>		<b>1</b>	<b>0:07:00</b>	<b>0:07:00</b>

Incident Type	Response Area	Number of Responses	Average Time on scene Per Incident	Total Time on scene
451 Biological hazard confirmed or suspected	City	1	0:43:00	0:43:00
	2 Mile Radius	0	0:00:00	0:00:00
	County	0	0:00:00	0:00:00
<b>Totals For Incident Type</b>		<b>1</b>	<b>0:43:00</b>	<b>0:43:00</b>

### Total Time of Call by Incident Type & District

Incident Type	Response Area	Number of Responses	Average Time on scene Per Incident	Total Time on scene
463 Vehicle accident general cleanup	City	0	0:00:00	0:00:00
	2 Mile Radius	0	0:00:00	0:00:00
	County	1	1:31:00	1:31:00
<b>Totals For Incident Type</b>		<b>1</b>	<b>1:31:00</b>	<b>1:31:00</b>

Incident Type	Response Area	Number of Responses	Average Time on scene Per Incident	Total Time on scene
551 Smoke scare, odor of smoke	City	1	0:15:00	0:15:00
	2 Mile Radius	0	0:00:00	0:00:00
	County	0	0:00:00	0:00:00
<b>Totals For Incident Type</b>		<b>1</b>	<b>0:15:00</b>	<b>0:15:00</b>

Incident Type	Response Area	Number of Responses	Average Time on scene Per Incident	Total Time on scene
553 Public Service	City	2	2:39:00	5:18:00
	2 Mile Radius	0	0:00:00	0:00:00
	County	3	6:00:00	18:00:00
<b>Totals For Incident Type</b>		<b>5</b>	<b>4:39:36</b>	<b>23:18:00</b>

Incident Type	Response Area	Number of Responses	Average Time on scene Per Incident	Total Time on scene
611 Dispatched & cancelled en route	City	0	0:00:00	0:00:00
	2 Mile Radius	0	0:00:00	0:00:00
	County	1	0:15:00	0:15:00
<b>Totals For Incident Type</b>		<b>1</b>	<b>0:15:00</b>	<b>0:15:00</b>

Incident Type	Response Area	Number of Responses	Average Time on scene Per Incident	Total Time on scene
622 No incident found on arrival	City	1	0:38:00	0:38:00
	2 Mile Radius	0	0:00:00	0:00:00
	County	0	0:00:00	0:00:00
<b>Totals For Incident Type</b>		<b>1</b>	<b>0:38:00</b>	<b>0:38:00</b>

## Total Time of Call by Incident Type & District

Incident Type	Response Area	Number of Responses	Average Time on scene Per Incident	Total Time on scene
631 Authorized controlled burning	City	0	0:00:00	0:00:00
	2 Mile Radius	0	0:00:00	0:00:00
	County	1	0:27:00	0:27:00
<b>Totals For Incident Type</b>		<b>1</b>	<b>0:27:00</b>	<b>0:27:00</b>

Incident Type	Response Area	Number of Responses	Average Time on scene Per Incident	Total Time on scene
632 Prescribed fire	City	0	0:00:00	0:00:00
	2 Mile Radius	1	0:10:00	0:10:00
	County	4	6:52:30	27:30:00
<b>Totals For Incident Type</b>		<b>5</b>	<b>5:32:00</b>	<b>27:40:00</b>

Incident Type	Response Area	Number of Responses	Average Time on scene Per Incident	Total Time on scene
651 Smoke scare, odor or smoke	City	32	1:01:38	8:52:18
	2 Mile Radius	0	0:00:00	0:00:00
	County	4	0:46:15	3:05:00
<b>Totals For Incident Type</b>		<b>36</b>	<b>0:59:56</b>	<b>35:57:18</b>

Incident Type	Response Area	Number of Responses	Average Time on scene Per Incident	Total Time on scene
652 Steam, vapor, fog or dust thought to be smoke	City	1	0:10:00	0:10:00
	2 Mile Radius	0	0:00:00	0:00:00
	County	5	0:00:00	2:04:00
<b>Totals For Incident Type</b>		<b>6</b>	<b>0:22:20</b>	<b>2:14:00</b>

Incident Type	Response Area	Number of Responses	Average Time on scene Per Incident	Total Time on scene
671 HazMat release investigation w/no HazMat	City	1	1:15:00	1:15:00
	2 Mile Radius	0	0:00:00	0:00:00
	County	0	0:00:00	0:00:00
<b>Totals For Incident Type</b>		<b>1</b>	<b>1:15:00</b>	<b>1:15:00</b>

### Total Time of Call by Incident Type & District

Incident Type	Response Area	Number of Responses	Average Time on scene Per Incident	Total Time on scene
714 Central station malicious false alarm	City	1	0:05:00	0:05:00
	2 Mile Radius	0	0:00:00	0:00:00
	County	0	0:00:00	0:00:00
<b>Totals For Incident Type</b>		<b>1</b>	<b>0:05:00</b>	<b>0:05:00</b>

Incident Type	Response Area	Number of Responses	Average Time on scene Per Incident	Total Time on scene
731 Sprinkler activation due to malfunction	City	1	0:30:00	0:30:00
	2 Mile Radius	0	0:00:00	0:00:00
	County	0	0:00:00	0:00:00
<b>Totals For Incident Type</b>		<b>1</b>	<b>0:30:00</b>	<b>0:30:00</b>

Incident Type	Response Area	Number of Responses	Average Time on scene Per Incident	Total Time on scene
735 Alarm system sounded due to malfunction	City	5	0:13:48	1:09:00
	2 Mile Radius	0	0:00:00	0:00:00
	County	1	0:46:00	0:46:00
<b>Totals For Incident Type</b>		<b>6</b>	<b>0:19:10</b>	<b>1:55:00</b>

Incident Type	Response Area	Number of Responses	Average Time on scene Per Incident	Total Time on scene
800 Severe Weather or natural disaster, other	City	0	0:00:00	0:00:00
	2 Mile Radius	0	0:00:00	0:00:00
	County	2	2:05:00	4:10:00
<b>Totals For Incident Type</b>		<b>2</b>	<b>2:05:00</b>	<b>4:10:00</b>

Incident Type	Response Area	Number of Responses	Average Time on scene Per Incident	Total Time on scene
900 Special type of incident, other	City	1	1:10:00	1:10:00
	2 Mile Radius	0	0:00:00	0:00:00
	County	0	0:00:00	0:00:00
<b>Totals For Incident Type</b>		<b>1</b>	<b>1:10:00</b>	<b>1:10:00</b>

## Time of Call by Incident Type & District Summary by District

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	Average Time On Scene	Total Hours On Scene	Percent of Total Hours
City	0:55:51	94:52:41	33.21%
2 Mile Radius	0:33:41	5:55:00	2.07%
County	6:11:11	184:55:37	64.27%
<b>Total</b>	<b>1:13:16</b>	<b>285:43:18</b>	<b>100.00%</b>
<b>Total On Scene Manhours 2011</b>		<b>1714:19:48</b>	

Time shown is reflected in hours

**Sturgis Volunteer Fire Department  
2007 thru 2011 Incident Type Summary By District**

2007

District	FALSE ALARM	FIRE ALARM	GOOD INTENT	HAZARDOUS	OVER- PRESSURE	RESCUE	SERVICE CALL	SPECIAL EVENT	WEATHER	TOTAL PER DISTRICT
City	10	13	32	17	0	12	1	0	0	85
2 mile rad. of City	2	2	2	0	0	12	0	0	0	18
County	2	37	28	2	0	55	0	1	4	129
TOTAL	14	52	62	19	0	79	1	1	4	232

2008

District	FALSE ALARM	FIRE ALARM	GOOD INTENT	HAZARDOUS	OVER- PRESSURE	RESCUE	SERVICE CALL	SPECIAL EVENT	WEATHER	TOTAL PER DISTRICT
City	3	13	34	26	0	32	5	0	0	113
2 mile rad. of City	1	2	1	0	0	14	0	0	0	18
County	0	16	22	4	0	51	0	0	2	95
TOTAL	4	31	57	30	0	97	5	0	2	226

2009

District	FALSE ALARM	FIRE ALARM	GOOD INTENT	HAZARDOUS	OVER- PRESSURE	RESCUE	SERVICE CALL	SPECIAL EVENT	WEATHER	TOTAL PER DISTRICT
City	12	12	34	9	1	36	1	0	2	107
2 mile rad. of City	0	1	3	0	0	7	0	0	0	11
County	0	20	14	9	0	43	1	0	1	88
TOTAL	12	33	51	18	1	86	2	0	3	206

2010

District	FALSE ALARM	FIRE ALARM	GOOD INTENT	HAZARDOUS	OVER- PRESSURE	RESCUE	SERVICE CALL	SPECIAL EVENT	WEATHER	TOTAL PER DISTRICT
City	10	11	29	18	0	26	1	0	0	95
2 mile rad. of City	0	0	4	2	0	9	0	0	0	15
County	2	19	11	3	0	50	6	0	5	110
TOTAL	12	30	44	23	0	85	7	0	5	220

2011

District	FALSE ALARM	FIRE ALARM	GOOD INTENT	HAZARDOUS	OVER- PRESSURE	RESCUE	SERVICE CALL	SPECIAL EVENT	WEATHER	TOTAL PER DISTRICT
City	7	16	35	16	0	34	3	1	0	112
2 mile rad. of City	0	1	6	1	0	5	2	0	0	15
County	1	35	15	6	0	49	3	0	2	111
TOTAL	8	52	52	23	0	88	8	1	2	234

**Sturgis Volunteer Fire Department  
2007 thru 2011 Incident Type Summary By District (Cont.)**

STURGIS VOLUNTEER FIRE DEPARTMENT	
<b>2007</b>	
Percent of Calls in City 2007 (36.00%)	
Percent of Calls 2 miles of City 2007 (7.75%)	
Percent of calls more than 2 miles from City 2007 (56.25%)	
<b>2008</b>	
Percent of Calls in City 2008 (50.00%)	
Percent of Calls 2 miles of City 2008 (8.00%)	
Percent of calls more than 2 miles from City 2008 (42.00%)	
<b>2009</b>	
Percent of Calls in City 2009 (53.00%)	
Percent of Calls 2 miles of City 2009 (1.0%)	
Percent of calls more than 2 miles from City (46.00%)	
<b>2010</b>	
Percent of Calls in City 2010	
Percent of Calls 2 miles of City 2010	
Percent of calls more than 2 miles from City	
<b>2011</b>	
Percent of Calls in City 2011 (48.28%)	
Percent of Calls 2 miles of City 2011 (4.74%)	
Percent of calls more than 2 miles from City (47.84%)	
<hr/>	
Total number of calls in the City 01/01/2007---12/31/2011	(512)
<hr/>	
Total number of calls in the County within 2 miles of the City 01/01/ 2007---12/31/2011	(77)
<hr/>	
Total number of calls in the County more than 2 miles from the City 01/01/2007---12/31/2011	(533)
<hr/>	
Average overall percent of calls in the City 01/01/2007---11/04/2011	(45.63%)
<hr/>	
Average percent overall of calls in the County within 2 miles of the City 01/01/2007---11/04/2011	(6.86%)
<hr/>	
Average percent overall of calls in the County more than 2 miles from the City 01/01/ 2007---12/31/2011	(47.50%)
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**Total Percent of Emergency calls over the past five (5) years per district.**

**City: 45.63%**

**County: 54.36%**

**Total Percent of Fire calls over the past five (5) years per district.**

**City: 32.82%**

**County: 67.17%**