



VIRGINIA DEPARTMENT OF FIRE PROGRAMS

Fire Service Statistics Summary Report For Virginia, 2006

Table 1. Incident Type Summary

County/City	(All)
Incident Type	Total
Fire	30,943
Rescue and EMS	352,548
Hazardous Condition	33,072
Service	36,158
Good Intent	50,464
False Alarm	51,140
Other	8,834
Total	563,159
Mutual Aid Given	38,584
Exposures	472
Grand Total	602,215

Table 3. Fire Dollar Loss Summary

County/City	(All)
Fire Dollar Loss	Total
Fire Dollar Loss Property	\$476,768,205
Fire Dollar Loss Contents	\$74,483,329
Total Fire Dollar Loss	\$551,251,534

Table 5. Casualty Summary

County/City	(All)
Casualties	Total
Civilian Fire Injuries	435
Civilian Fire Deaths	90
Fire Service Injuries	287
Fire Service Deaths	0

Chart 1. Incident Types, Virginia, 2006

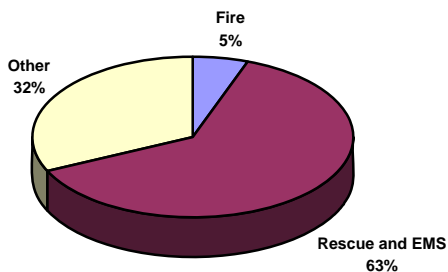


Table 2. VFIRS Participating Fire Departments Summary ¹

County/City	(All)
Fire Department Participation	Total
Fire Departments Reporting to VFIRS	461
Total Number of Fire Departments	569
Percentage of Departments Reporting	81%
VFIRS Population	6,569,805
Virginia Population	7,078,515
Percentage Reporting per Population	93%

Table 4. VFIRS Participation By Division Summary ¹

Area	VFIRS FDs	# of FDs	Percentage
Division 1 - Richmond	57	74	77%
Division 2 - Orange	70	83	84%
Division 3 - Farmville	72	87	83%
Division 4 - Marion	92	118	78%
Division 5 - Hampton	56	72	78%
Division 6 - Roanoke	94	114	82%
Division 7 - Loudoun	20	21	95%
Total	461	569	81%

Table 6. Number of Months of Reported Incidents with VFIRS Participating Fire Departments ¹

Months	Total	Percentage
3 - 5 Months of Reported Incidents	12	3%
6 - 8 Months of Reported Incidents	27	6%
9 - 11 Months of Reported Incidents	59	13%
12 Months of Reported Incidents	363	79%
Total	461	100%

Chart 2. Incident Types, United States, 2006

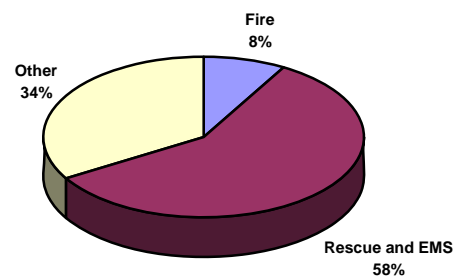


Table 7. Number of Incidents By Property Use Series and Incident Type

County/City	(All)			
	Incident Type			
Property Series	Fire	Rescue and EMS	Other	Total
Assembly	646	12,677	7,701	21,024
Educational	242	6,101	6,363	12,706
Health Care, Detention, and Correction	246	36,049	6,250	42,545
Residential	11,028	192,597	69,490	273,115
Mercantile, Business	1,230	17,933	16,424	35,587
Industrial, Utility, Defense, Agriculture, Mining	707	1,211	1,603	3,521
Manufacturing, Processing	292	1,276	1,678	3,246
Storage	704	2,321	5,374	8,399
Outside or Special Property	13,909	67,488	43,555	124,952
Other	1,917	14,846	14,178	30,941
Total	30,921	352,499	172,616	556,036

Table 8. Top 10 Actions Taken

County/City	(All)	
Actions Taken	Total	Percentage
Provide basic life support (BLS)	121,973	16%
Investigate	110,579	15%
Transport person	85,355	11%
Provide advanced life support (ALS)	77,807	10%
Emergency medical services, other	48,904	7%
Provide first aid & check for injuries	43,949	6%
Cancelled enroute	29,977	4%
Provide manpower	29,784	4%
Incident command	22,803	3%
Action taken, other	20,242	3%

Chart 3. Incidents By Month, Virginia, 2006

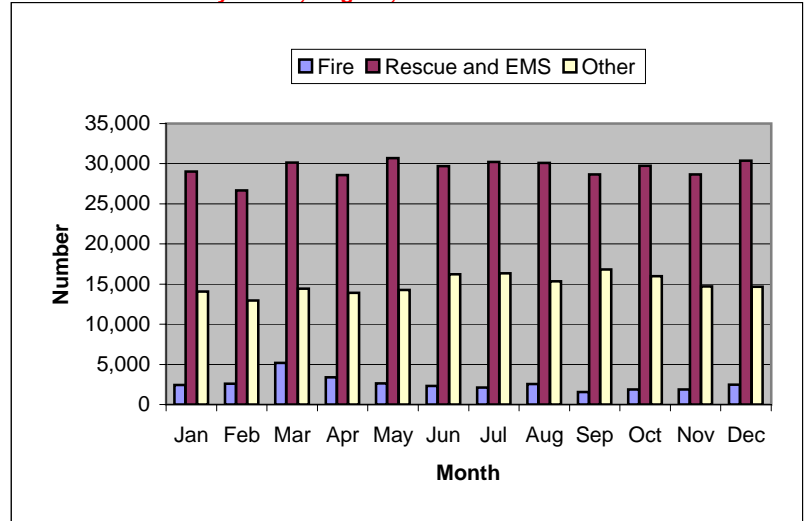


Table 9. Detector Use Summary²

County/City	(All)	
Detector Use	Total	Percentage
Detector Operated & Alerted Occupants or Occupants Failed to Respond	2,038	21%
Detector Operated, But Failed to Alert Occupants or There Were No Occupants	1,586	16%
Detector Failed to Operate or Fire Too Small to Activate	1,003	10%
No Detector Present	1,891	19%
Unknown / Undetermined	2,859	29%
Not Reported	477	5%
Total	9,854	100%

Table 10. Carbon Monoxide Incidents Summary³

County/City	(All)	
Carbon Monoxide Incidents	Total	Percentage
Carbon Monoxide Incident	701	38%
Carbon Monoxide Detector Activation Due to Malfunction	723	39%
Carbon Monoxide Detector Activation (No Carbon Monoxide Detected)	431	23%
Total	1,855	100%

NOTE: Data is compiled from information reported to the Virginia Fire Incident Reporting System (VFIRS) for 2006 as of the closeout date of 03/31/2007. For all frequency or incident counts, Mutual Aid Given and Exposure incidents were excluded from the numbers. For Casualty statistical information, Mutual Aid Given incidents were included for all Fire Service and excluded for all Civilian data, and, in addition, Exposure incidents were included with all Casualty numbers. For Dollar Loss amounts, Mutual Aid Given incidents were excluded and Exposure incidents were included with the numbers. Percentages may not add to totals due to rounding.

NOTE: Total Dollar Loss data from Table 3 is shown for Fire incidents only. The Casualty Summary Table 5 includes only Fire incidents for the Civilian Casualty numbers, while the Fire Service Casualty information includes all reported incidents. Numbers from Table 7, 'Incidents By Property Use Series and Incident Type', only reflect incidents with valid Property Use and Incident Type codes, therefore, numbers may not match other incident totals. Table 8, 'Top 10 Actions Taken' displays the highest frequency for all Actions Taken codes reported, even for incidents with multiple Actions Taken codes.

¹ In order to be considered a VFIRS Participating Fire Department, three months of incident reporting is required during the year. Some localities may be consolidating the reporting of incidents from all fire departments in their county/city. The 2000 U.S. Census Population numbers for Virginia were used in this report and were also used to calculate the VFIRS population numbers.

² Detector Use data was tabulated from Building Fire incidents. For the 'Detector Operated, But Failed to Alert Occupants or There Were No Occupants' category, incidents in which a detector was present and operated, but the detector effectiveness was undetermined, were also included with the numbers. The category, 'Detector Failed to Operate or Fire Too Small to Activate' additionally includes incidents in which a detector was present, but the operation was undetermined.

³ Localities that are still reporting under VFIRS Version 4.1 may have had carbon monoxide incidents, but due to differences with the current Version 5.0, the incident numbers cannot be generated for the table.