



Virginia Department of Fire Programs

Structural Fires Dollar Loss Summary By Automatic Extinguishing System (AES) Presence, Virginia, 2004 - 2009 *

Year	AES Present			None Present			Unknown or Not Reported			Grand Total		
	Total	Percent	Total Fire Dollar Loss	Total	Percent	Total Fire Dollar Loss	Total	Percent	Total Fire Dollar Loss	Total	Percent	Total Fire Dollar Loss
2004	194	5.8%	\$4,285,990	2,893	86.9%	\$84,479,960	244	7.3%	\$12,368,234	3,331	100.0%	\$101,134,184
2005	270	6.6%	\$16,957,127	3,411	83.9%	\$125,690,340	383	9.4%	\$12,558,591	4,064	100.0%	\$155,206,058
2006	265	6.3%	\$21,716,074	3,505	83.2%	\$162,833,192	445	10.6%	\$13,453,119	4,215	100.0%	\$198,002,385
2007	293	6.4%	\$8,060,360	3,807	83.0%	\$153,977,607	486	10.6%	\$21,478,713	4,586	100.0%	\$183,516,680
2008	308	6.5%	\$57,922,237	3,939	83.1%	\$166,433,617	492	10.4%	\$28,541,450	4,739	100.0%	\$252,897,304
2009 *	302	6.6%	\$16,926,543	3,778	82.5%	\$165,169,499	498	10.9%	\$25,626,435	4,578	100.0%	\$207,722,477
Grand Total	1,632	6.4%	\$125,868,331	21,333	83.6%	\$858,584,215	2,548	10.0%	\$114,026,542	25,513	100.0%	\$1,098,479,088

Note: Data is compiled from all fire incidents reported to the Virginia Fire Incident Reporting System (VFIRS) for 2004-2008 as of 04/06/2009, and 2009 as of 02/08/2010. Data for 2009 is still considered preliminary. Aid given (mutual or automatic) incidents were excluded and fire exposure incidents were included with the numbers. Structure fires include incidents with incident type coded as 110, 111, 120-123 and with structure type codes as 1 or 2.

* Data for 2009 is considered preliminary since we are still receiving reports from fire departments and the data is not final. Caution should be exercised in releasing and comparing the numbers.



Virginia Department of Fire Programs

Structural Fires Dollar Loss Summary By Automatic Extinguishing System (AES) Presence, Virginia, 2004 - 2009 *
(Assembly Property Use)

Year	AES Present			None Present			Unknown or Not Reported			Grand Total		
	Total	Percent	Total Fire Dollar Loss	Total	Percent	Total Fire Dollar Loss	Total	Percent	Total Fire Dollar Loss	Total	Percent	Total Fire Dollar Loss
2004	20	29.4%	\$426,250	40	58.8%	\$5,160,480	8	11.8%	\$1,130,000	68	100.0%	\$6,716,730
2005	33	33.0%	\$1,219,500	54	54.0%	\$2,403,703	13	13.0%	\$647,100	100	100.0%	\$4,270,303
2006	23	28.8%	\$4,355,702	47	58.8%	\$23,045,075	10	12.5%	\$133,000	80	100.0%	\$27,533,777
2007	27	26.2%	\$389,760	60	58.3%	\$4,072,571	16	15.5%	\$405,620	103	100.0%	\$4,867,951
2008	38	31.9%	\$2,242,423	67	56.3%	\$5,283,148	14	11.8%	\$336,500	119	100.0%	\$7,862,071
2009 *	37	34.9%	\$1,180,876	54	50.9%	\$5,291,079	15	14.2%	\$2,156,502	106	100.0%	\$8,628,457
Grand Total	178	30.9%	\$9,814,511	322	55.9%	\$45,256,056	76	13.2%	\$4,808,722	576	100.0%	\$59,879,289

Structural Fires Dollar Loss Summary By Automatic Extinguishing System (AES) Presence, Virginia, 2004 - 2009 *
(Educational Property Use)

Year	AES Present			None Present			Unknown or Not Reported			Grand Total		
	Total	Percent	Total Fire Dollar Loss	Total	Percent	Total Fire Dollar Loss	Total	Percent	Total Fire Dollar Loss	Total	Percent	Total Fire Dollar Loss
2004	6	21.4%	\$46,300	21	75.0%	\$155,602	1	3.6%	\$1,000	28	100.0%	\$202,902
2005	16	33.3%	\$25,500	29	60.4%	\$584,942	3	6.3%	\$150	48	100.0%	\$610,592
2006	11	33.3%	\$856,876	19	57.6%	\$233,781	3	9.1%	\$801	33	100.0%	\$1,091,458
2007	14	28.6%	\$26,352	30	61.2%	\$4,863,985	5	10.2%	\$99,000	49	100.0%	\$4,989,337
2008	15	36.6%	\$149,297	22	53.7%	\$739,806	4	9.8%	\$35,100	41	100.0%	\$924,203
2009 *	10	40.0%	\$21,115	13	52.0%	\$1,520,160	2	8.0%	\$30,000	25	100.0%	\$1,571,275
Grand Total	72	32.1%	\$1,125,440	134	59.8%	\$8,098,276	18	8.0%	\$166,051	224	100.0%	\$9,389,767

Structural Fires Dollar Loss Summary By Automatic Extinguishing System (AES) Presence, Virginia, 2004 - 2009 *

(Health Care, Detention, and Correction Property Use)

Year	AES Present			None Present			Unknown or Not Reported			Grand Total		
	Total	Percent	Total Fire Dollar Loss	Total	Percent	Total Fire Dollar Loss	Total	Percent	Total Fire Dollar Loss	Total	Percent	Total Fire Dollar Loss
2004	26	70.3%	\$40,004	8	21.6%	\$251,800	3	8.1%	\$2	37	100.0%	\$291,806
2005	23	60.5%	\$1,156,572	13	34.2%	\$63,800	2	5.3%	\$3,500	38	100.0%	\$1,223,872
2006	21	46.7%	\$53,527	15	33.3%	\$402,891	9	20.0%	\$3,601,001	45	100.0%	\$4,057,419
2007	19	57.6%	\$172,751	13	39.4%	\$13,903	1	3.0%	\$55,000	33	100.0%	\$241,654
2008	18	47.4%	\$112,880	16	42.1%	\$819,147	4	10.5%	\$10,200	38	100.0%	\$942,227
2009 *	22	61.1%	\$76,721	9	25.0%	\$6,533,200	5	13.9%	\$406,500	36	100.0%	\$7,016,421
Grand Total	129	56.8%	\$1,612,455	74	32.6%	\$8,084,741	24	10.6%	\$4,076,203	227	100.0%	\$13,773,399

Structural Fires Dollar Loss Summary By Automatic Extinguishing System (AES) Presence, Virginia, 2004 - 2009 *

(Residential Property Use)

Year	AES Present			None Present			Unknown or Not Reported			Grand Total		
	Total	Percent	Total Fire Dollar Loss	Total	Percent	Total Fire Dollar Loss	Total	Percent	Total Fire Dollar Loss	Total	Percent	Total Fire Dollar Loss
2004	77	2.9%	\$1,313,421	2,414	90.2%	\$64,905,250	186	6.9%	\$4,573,579	2,677	100.0%	\$70,792,250
2005	109	3.4%	\$3,307,600	2,797	87.6%	\$93,872,159	288	9.0%	\$6,079,511	3,194	100.0%	\$103,259,270
2006	100	3.1%	\$1,555,342	2,842	87.2%	\$105,359,634	317	9.7%	\$6,477,036	3,259	100.0%	\$113,392,012
2007	121	3.3%	\$4,867,412	3,149	86.3%	\$126,051,465	378	10.4%	\$15,107,640	3,648	100.0%	\$146,026,517
2008	125	3.3%	\$2,764,268	3,257	86.4%	\$127,981,002	387	10.3%	\$15,908,066	3,769	100.0%	\$146,653,336
2009 *	135	3.7%	\$10,081,155	3,186	86.3%	\$123,627,848	372	10.1%	\$12,618,406	3,693	100.0%	\$146,327,409
Grand Total	667	3.3%	\$23,889,198	17,645	87.2%	\$641,797,358	1,928	9.5%	\$60,764,238	20,240	100.0%	\$726,450,794

Structural Fires Dollar Loss Summary By Automatic Extinguishing System (AES) Presence, Virginia, 2004 - 2009 *

(Mercantile, Business Property Use)

Year	AES Present			None Present			Unknown or Not Reported			Grand Total		
	Total	Percent	Total Fire Dollar Loss	Total	Percent	Total Fire Dollar Loss	Total	Percent	Total Fire Dollar Loss	Total	Percent	Total Fire Dollar Loss
2004	33	23.6%	\$277,412	99	70.7%	\$5,206,712	8	5.7%	\$151,651	140	100.0%	\$5,635,775
2005	54	26.2%	\$3,133,451	134	65.0%	\$19,186,788	18	8.7%	\$4,504,276	206	100.0%	\$26,824,515
2006	49	21.9%	\$729,670	142	63.4%	\$14,195,962	33	14.7%	\$677,779	224	100.0%	\$15,603,411
2007	52	25.5%	\$865,032	117	57.4%	\$6,865,030	35	17.2%	\$683,452	204	100.0%	\$8,413,514
2008	63	26.5%	\$1,170,629	140	58.8%	\$16,877,951	35	14.7%	\$9,015,782	238	100.0%	\$27,064,362
2009 *	54	22.9%	\$2,466,754	136	57.6%	\$17,518,547	46	19.5%	\$5,866,100	236	100.0%	\$25,851,401
Grand Total	305	24.4%	\$8,642,948	768	61.5%	\$79,850,990	175	14.0%	\$20,899,040	1,248	100.0%	\$109,392,978

Structural Fires Dollar Loss Summary By Automatic Extinguishing System (AES) Presence, Virginia, 2004 - 2009 *

(Industrial, Utility, Defense, Agriculture, Mining Property Use)

Year	AES Present			None Present			Unknown or Not Reported			Grand Total		
	Total	Percent	Total Fire Dollar Loss	Total	Percent	Total Fire Dollar Loss	Total	Percent	Total Fire Dollar Loss	Total	Percent	Total Fire Dollar Loss
2004	0	0.0%	\$0	14	77.8%	\$225,275	4	22.2%	\$35,000	18	100.0%	\$260,275
2005	2	8.7%	\$2,000,000	17	73.9%	\$1,406,451	4	17.4%	\$6,000	23	100.0%	\$3,412,451
2006	7	21.9%	\$73,002	23	71.9%	\$2,348,502	2	6.3%	\$0	32	100.0%	\$2,421,504
2007	6	23.1%	\$55,550	17	65.4%	\$4,372,500	3	11.5%	\$200,000	26	100.0%	\$4,628,050
2008	1	4.5%	\$40	18	81.8%	\$352,300	3	13.6%	\$2,005,000	22	100.0%	\$2,357,340
2009 *	6	35.3%	\$21,100	9	52.9%	\$38,002	2	11.8%	\$78,000	17	100.0%	\$137,102
Grand Total	22	15.9%	\$2,149,692	98	71.0%	\$8,743,030	18	13.0%	\$2,324,000	138	100.0%	\$13,216,722

Structural Fires Dollar Loss Summary By Automatic Extinguishing System (AES) Presence, Virginia, 2004 - 2009 *

(Manufacturing, Processing Property Use)

Year	AES Present			None Present			Unknown or Not Reported			Grand Total		
	Total	Percent	Total Fire Dollar Loss	Total	Percent	Total Fire Dollar Loss	Total	Percent	Total Fire Dollar Loss	Total	Percent	Total Fire Dollar Loss
2004	24	51.1%	\$546,602	21	44.7%	\$845,900	2	4.3%	\$380,000	47	100.0%	\$1,772,502
2005	21	50.0%	\$180,804	12	28.6%	\$723,102	9	21.4%	\$679,000	42	100.0%	\$1,582,906
2006	43	58.9%	\$13,457,003	20	27.4%	\$7,518,802	10	13.7%	\$858,300	73	100.0%	\$21,834,105
2007	39	60.9%	\$1,579,378	18	28.1%	\$1,121,501	7	10.9%	\$202,001	64	100.0%	\$2,902,880
2008	33	52.4%	\$997,800	26	41.3%	\$1,285,482	4	6.3%	\$1,500	63	100.0%	\$2,284,782
2009 *	28	52.8%	\$2,560,211	18	34.0%	\$375,553	7	13.2%	\$4,055,100	53	100.0%	\$6,990,864
Grand Total	188	55.0%	\$19,321,798	115	33.6%	\$11,870,340	39	11.4%	\$6,175,901	342	100.0%	\$37,368,039

Structural Fires Dollar Loss Summary By Automatic Extinguishing System (AES) Presence, Virginia, 2004 - 2009 *

(Storage Property Use)

Year	AES Present			None Present			Unknown or Not Reported			Grand Total		
	Total	Percent	Total Fire Dollar Loss	Total	Percent	Total Fire Dollar Loss	Total	Percent	Total Fire Dollar Loss	Total	Percent	Total Fire Dollar Loss
2004	7	3.3%	\$1,636,001	198	94.3%	\$5,752,425	5	2.4%	\$6,070,000	210	100.0%	\$13,458,426
2005	8	2.7%	\$5,933,550	276	92.9%	\$6,936,358	13	4.4%	\$105,202	297	100.0%	\$12,975,110
2006	5	1.6%	\$17,400	289	90.3%	\$5,640,737	26	8.1%	\$696,702	320	100.0%	\$6,354,839
2007	15	4.1%	\$104,125	327	89.6%	\$5,667,751	23	6.3%	\$4,319,000	365	100.0%	\$10,090,876
2008	9	2.9%	\$50,438,000	285	92.5%	\$11,669,988	14	4.5%	\$440,302	308	100.0%	\$62,548,290
2009 *	6	2.0%	\$18,611	274	90.4%	\$7,068,357	23	7.6%	\$243,101	303	100.0%	\$7,330,069
Grand Total	50	2.8%	\$58,147,687	1,649	91.5%	\$42,735,616	104	5.8%	\$11,874,307	1,803	100.0%	\$112,757,610

Structural Fires Dollar Loss Summary By Automatic Extinguishing System (AES) Presence, Virginia, 2004 - 2009 *
(Outside or Special Property Use)

Year	AES Present			None Present			Unknown or Not Reported			Grand Total		
	Total	Percent	Total Fire Dollar Loss	Total	Percent	Total Fire Dollar Loss	Total	Percent	Total Fire Dollar Loss	Total	Percent	Total Fire Dollar Loss
2004	0	0.0%	\$0	40	90.9%	\$901,300	4	9.1%	\$4,000	44	100.0%	\$905,300
2005	0	0.0%	\$0	50	89.3%	\$362,911	6	10.7%	\$86,002	56	100.0%	\$448,913
2006	2	3.0%	\$31,000	61	91.0%	\$3,427,043	4	6.0%	\$0	67	100.0%	\$3,458,043
2007	0	0.0%	\$0	59	95.2%	\$790,801	3	4.8%	\$60,000	62	100.0%	\$850,801
2008	0	0.0%	\$0	72	91.1%	\$1,105,987	7	8.9%	\$8,500	79	100.0%	\$1,114,487
2009 *	2	3.1%	\$500,000	56	86.2%	\$1,294,002	7	10.8%	\$47,700	65	100.0%	\$1,841,702
Grand Total	4	1.1%	\$531,000	338	90.6%	\$7,882,044	31	8.3%	\$206,202	373	100.0%	\$8,619,246

Note: Data is compiled from all fire incidents reported to the Virginia Fire Incident Reporting System (VFIRS) for 2004-2008 as of 04/06/2009, and 2009 as of 02/08/2010. Data for 2009 is still considered preliminary. Aid given (mutual or automatic) incidents were excluded and fire exposure incidents were included with the numbers. Structure fires include incidents with incident type coded as 110, 111, 120-123 and with structure type codes as 1 or 2.

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