

## Report Parameters:

**Report Period:** From 01/01/2012 to 12/31/2012

**State:** VA

**Version:** All

**Status:** All

**Released:** All

## Report Filters:

**NOTE: Report Filter Groups are applied to the report SQL as "AND" conditions (i.e. Group 1 AND Group2 and Group 3 etc...)**

**Report FDIDs\*:** 10708, 16902, 02102, 10709, 16903, 02101, 02104, 16901, 02103, 02106, 02105, 16906, 16907, 16904, 16905, 10710, 10712, 10711, 02300, 02301, 07140, 02302, 10716, 02303, 02304, 02305, 02306, 13701, 13702, 13700, 13705, 13703, 13704, 07150, 06303, 06304, 63000, 06300, 07160, 06302, 06301, 03601, 07170, 52000, 19104, 19103, 19105, 09103, 70008, 09102, 70007, 09101, 70006, 70005, 70004, 70003, 09105, 09104, 70001, 07180, 19107, 19108, 19301, 19302, 19303, 19304, 19112, 19111, 19110, 09500, 13113, 09301, 13115, 13114, 09303, 13117, 09302, 13116, 09305, 09304, 03306, 03305, 03304, 03303, 03302, 03301, 03300, 70009, 09701, 09900, 09901, 09902, 09903, 09703, 09702, 09704, 74000, 70011, 70010, 79000, 19550, 59000, 13902, 13901, 13903, 19530, 19120, 55000, 15316, 15315, 19590, 68509, 15310, 15311, 07301, 13302, 13303, 15306, 15305, 68300, 68301, 15308, 15307, 15302, 07110, 19580, 15301, 15304, 15303, 15300, 07310, 04902, 04901, 19570, 03117, 07120, 03115, 03116, 04903, 03113, 03114, 03112, 03111, 03110, 00502, 00501, 07130, 00506, 00505, 00504, 00503, 00705, 00703, 00704, 00701, 00702, 82000, 67000, 68000, 12102, 12103, 18510, 18511, 18512, 12106, 12104, 12105, 18517, 18514, 18513, 18516, 18515, 56000, 05301, 05300, 18501, 19501, 18504, 18505, 19705, 18502, 19706, 18503, 19703, 18508, 19704, 18509, 19701, 18506, 19702, 18507, 05302, 05303, 05304, 05305, 05701, 05700, 19516, 65000, 04707, 04706, 04705, 04704, 04703, 04702, 04701, 14501, 14500, 59500, 14505, 14504, 14503, 14502, 15506, 15505, 15504, 15503, 15502, 15501, 15500, 15508, 15507, 14900, 14901, 14902, 14903, 14904, 14905, 77020, 84005, 77021, 84004, 00118, 78000, 51000, 00112, 00110, 00111, 84001, 84000, 84002, 06110, 06111, 06112, 06113, 77029, 77028, 77027, 77026, 77025, 77024, 77023, 77022, 77030, 77031, 77032, 00121, 10907, 10906, 77038, 77037, 77039, 77034, 77033, 77036, 77035, 01510, 77042, 01514, 77043, 77040, 77041, 01511, 17151, 01518, 01519, 77047, 77046, 77045, 77044, 77049, 77048, 77050, 77051, 77052, 01500, 77053, 01503, 77054, 01502, 01505, 01504, 01507, 06109, 01506, 06108, 01509, 10512, 06107, 01508, 10511, 06106, 06105, 06103, 06104, 71000, 06101, 06102, 06100, 77056, 77055, 01300, 77058, 77057, 77059, 07503, 07502, 07505, 07504, 10501, 07506, 10506, 10508, 10509, 10502, 10503, 10504, 10505, 10308, 10307, 10306, 18701, 03503, 18700, 03502, 07701, 18703, 07702, 18702, 07703, 18705, 07704, 18704, 07705, 07500, 18707, 03501, 07706, 07501, 18706, 03500, 17120, 01525, 17123, 01521, 10104, 10103, 10101, 10700, 10701, 10702, 10703, 10704, 10705, 10706, 10707, 17114, 17115, 17112, 17113, 77002, 77003, 77000, 77001, 77006, 77007, 17118, 77004, 77005, 77008, 10901, 77009, 10903, 10902, 10905, 10904, 57000, 77010, 17100, 77011, 77012, 17109, 77013, 14705, 77014, 14704, 77015, 77016, 77017, 77018, 77019, 00901, 00902, 00903, 14703, 14702, 14701, 00109, 00108, 00107, 00102, 00101, 00100, 00106, 00105, 00104, 00103, 00300, 77085, 77084, 77086, 77081, 08301, 77080, 08302, 77083, 08303, 77082, 08304, 08306, 08305, 08308,

\*Data from deactivated fire depts within the list was not included in the report.

# Residential Structure Fire Causes

State: VA

Report Period: From 01/01/2012 to 12/31/2012

| CODE           | Category                | FREQ  | FREQ %   | CIV DTHS | CIV DTHS % | CIV INJS | CIV INJS % | FF DTHS | FF DTHS % | FF INJS | FF INJS % | PROP LOSS   | PROP LOSS % | CONT LOSS  | CONT LOSS % | TOTAL LOSS  | TOT LOSS % |
|----------------|-------------------------|-------|----------|----------|------------|----------|------------|---------|-----------|---------|-----------|-------------|-------------|------------|-------------|-------------|------------|
| 01             | Incendiary, Suspicious  | 336   | 4.78 %   | 7        | 18.92 %    | 18       | 6.08 %     | 0       | 0.00 %    | 18      | 10.11 %   | 10,233,447  | 9.96 %      | 3,004,513  | 8.57 %      | 13,237,960  | 9.60 %     |
| 02             | Children Playing        | 14    | 0.20 %   | 0        | 0.00 %     | 3        | 1.01 %     | 0       | 0.00 %    | 0       | 0.00 %    | 159,500     | 0.16 %      | 60,000     | 0.17 %      | 219,500     | 0.16 %     |
| 03             | Smoking                 | 157   | 2.24 %   | 4        | 10.81 %    | 21       | 7.09 %     | 0       | 0.00 %    | 10      | 5.62 %    | 5,177,414   | 5.04 %      | 1,973,754  | 5.63 %      | 7,151,168   | 5.19 %     |
| 04             | Heating                 | 1,055 | 15.02 %  | 2        | 5.41 %     | 19       | 6.42 %     | 0       | 0.00 %    | 7       | 3.93 %    | 3,643,265   | 3.55 %      | 1,132,113  | 3.23 %      | 4,775,378   | 3.46 %     |
| 05             | Cooking                 | 2,655 | 37.80 %  | 1        | 2.70 %     | 112      | 37.84 %    | 0       | 0.00 %    | 12      | 6.74 %    | 5,654,148   | 5.50 %      | 2,362,473  | 6.74 %      | 8,016,621   | 5.82 %     |
| 06             | Electrical Distribution | 303   | 4.31 %   | 1        | 2.70 %     | 15       | 5.07 %     | 0       | 0.00 %    | 36      | 20.22 %   | 5,551,221   | 5.40 %      | 1,856,687  | 5.30 %      | 7,407,908   | 5.37 %     |
| 07             | Appliances, AC          | 315   | 4.49 %   | 0        | 0.00 %     | 24       | 8.11 %     | 0       | 0.00 %    | 15      | 8.43 %    | 7,165,914   | 6.97 %      | 1,960,795  | 5.59 %      | 9,126,709   | 6.62 %     |
| 08             | Open Flame, Ember,      | 324   | 4.61 %   | 4        | 10.81 %    | 15       | 5.07 %     | 0       | 0.00 %    | 4       | 2.25 %    | 4,863,791   | 4.73 %      | 1,595,184  | 4.55 %      | 6,458,975   | 4.69 %     |
| 09             | Other Heat, Flame,      | 194   | 2.76 %   | 2        | 5.41 %     | 9        | 3.04 %     | 0       | 0.00 %    | 7       | 3.93 %    | 5,094,318   | 4.96 %      | 1,823,002  | 5.20 %      | 6,917,320   | 5.02 %     |
| 10             | Other Equipment         | 51    | 0.73 %   | 2        | 5.41 %     | 4        | 1.35 %     | 0       | 0.00 %    | 0       | 0.00 %    | 833,871     | 0.81 %      | 290,950    | 0.83 %      | 1,124,821   | 0.82 %     |
| 11             | Natural                 | 123   | 1.75 %   | 0        | 0.00 %     | 3        | 1.01 %     | 0       | 0.00 %    | 5       | 2.81 %    | 5,873,400   | 5.72 %      | 1,415,101  | 4.04 %      | 7,288,501   | 5.29 %     |
| 12             | Exposure                | 67    | 0.95 %   | 1        | 2.70 %     | 4        | 1.35 %     | 0       | 0.00 %    | 8       | 4.49 %    | 7,095,137   | 6.90 %      | 1,925,784  | 5.49 %      | 9,020,921   | 6.55 %     |
| 13             | Unknown                 | 1,429 | 20.35 %  | 13       | 35.14 %    | 49       | 16.55 %    | 0       | 0.00 %    | 56      | 31.46 %   | 41,423,792  | 40.31 %     | 15,655,665 | 44.66 %     | 57,079,457  | 41.41 %    |
| <b>Totals:</b> |                         | 7,023 | 100.00 % | 37       | 100.00 %   | 296      | 100.00 %   | 0       | 0.00 %    | 178     | 100.00 %  | 102,769,218 | 100.00 %    | 35,056,021 | 100.00 %    | 137,825,239 | 100.00 %   |