# Kingman Fire Department
# 2017 Annual Data Report

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Executive Summary

The following document serves as the Kingman Fire Department "2017 Annual Data Report." The collection of this data allows the department to analyze performance and risk in various dimensions. The purpose of completing this document is to support the agency in the safe, effective, and efficient delivery of services in the areas of fire suppression, emergency medical, and special services response.

The Annual Data Report is a research-based process, which requires a comprehensive analysis of an agency's current deployment of services allowing the department to amend and maintain the current Community Risk Assessment and Standards of Cover for Emergency Response. The Commission on Fire Accreditation International (CFAI) defines the Standards of Cover for a fire department as being those "adopted written policies and procedures that determine the distribution, concentration and reliability of fixed and mobile response forces for fire, emergency medical services, hazardous materials and other technical types of response" (CFAI, 2015).

2017 Total Calls for Service in Kingman Fire Department districts was **7,511**. Of those, 6,114 were Medical calls, 1,296 were Fire calls, 82 were Hazardous Materials calls, 2 were Technical Rescue calls, and 17 were other administrative calls.

In 2015, the department implemented Priority Dispatch which prioritizes calls for service and sends s the correct resource. As such, this system directly dispatched 1,279 calls directly to AMR for service as they were categorized as low priority. Thinking larger picture, the prioritization of 1,279 calls makes a difference as the department responded to 7,511 emergency calls and these processes ensures that the resources are in the right place when the emergency call comes in which reduces travel time and overall response time. In addition, the department added a Rapid Response Vehicle on July 1 which is placed into service during times of high call volume, Monday through Friday 10:00 am to 6:00 pm. This "Squad" delivers paramedic level service just as our fire engines do but utilizes a utility vehicle for fasted and more effective response that a traditional Fire Engine would deliver. In addition, this concept allows for coverage of redundant calls for service and keeps the "big red truck" in service for what it intended.

Throughout this report, you will find that the performance of the fire department has taken major strides towards the accomplishment of established goals and objectives that have provided a foundation for excellence for the future. Our mission is "To provide the highest level of emergency response and effective prevention to preserve the life, property and well-being of our community."

The Kingman Fire Department 2016-2021 Strategic Plan establishes five focus areas; organizational service improvement, professional development, employee safety, health, and survival, community enhancement, and leading the fire service. An important goal is to establish clear linkage of the Strategic Plan and its components to the Mission, Vision, and Values of the Kingman Fire Department. In other words, every activity, program, or process in the department directly correlates to the organization's overall Mission, Vision, and Values. Creating and maintaining this linkage is a management philosophy that requires constant evaluation to ensure the work of the fire district remains focused and purposeful. By design, Kingman Fire Department 2017 Annual Data Report is intended to be utilized by by the department and its leadership to provide overarching analysis to services provided and ensure that it si the focus of decision making for successful outcomes for the future.

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## Incidents Overview

The collection and display of information validates areas of improvement simply in the collection of data to ensure accuracy in all reports and data sources. The following tables demonstrate emergency calls for the past seven years. This data is later separated by incident type each given year to provide varying perspective and to identify trends in response and need for additional resources and / or their placement.

| **Total Incident Responses by Year** | **Total** | **Average** | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | **2017** |
|---|---|---|---|---|---|---|---|---|---|
| | 47675 | 6811 | 5768 | 6167 | 6417 | 6798 | 7600 | 7414 | **7511** |

| **Squad 2 Total Incident Responses by Year** | **Total** | **Average** | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | **2017** |
|---|---|---|---|---|---|---|---|---|---|
| EMS | -- | -- | -- | -- | -- | -- | -- | -- | 504 |
| Fire | -- | -- | -- | -- | -- | -- | -- | -- | 16 |
| **TOTAL** | -- | -- | -- | -- | -- | -- | -- | -- | **520** |

The decrease in in incidents in 2016 can be attributed to the introduction of Priority Dispatch in October 2016 which has already produced recognizable changes, 18% reduction in Alpha, Bravo, and Echo call types. The decrease of total incident responses demonstrates consistency of dispatchers and allocation of low priority calls to a third-party provider, American Medical Response (AMR), which increases the availability of Kingman Fire Department resources for concurrent calls and emergency call types when availability and total response time is critical to a successful outcome.

| **Ambulance Only Calls by Agency** | **2017** | **2016** | **Variance YoY** | **% +/-** |
|---|---|---|---|---|
| Agency EMS Responses | 9998 | 10877 | -879 | -9% |
| Kingman AMR | 1290 | 302 | 988 | 77% |
| NACFD AMR | 785 | 153 | 632 | 81% |
| Pinion Pine AMR | 61 | 8 | 53 | 87% |
| **TOTAL** | **12134** | **11340** | **794** | **7%** |

| **Incidents by Category** | **Total** | **Average** | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | **2017** |
|---|---|---|---|---|---|---|---|---|---|
| EMS | 36053 | 5150 | 4599 | 4729 | 4911 | 4518 | 5898 | 5284 | **6114** |
| Fire | 8476 | 1211 | 1117 | 1120 | 1156 | 1148 | 1290 | 1349 | **1296** |
| Hazardous Materials | 391 | 56 | 43 | 51 | 62 | 51 | 52 | 50 | **82** |
| Technical Rescue | 5 | 1 | 0 | 0 | 0 | 3 | 0 | 0 | **2** |
| Other | 2750 | 393 | 9 | 267 | 288 | 1078 | 360 | 731 | **17** |
| **Total** | **47675** | **6811** | **5768** | **6167** | **6417** | **6798** | **7600** | **7414** | **7511** |

| **Incidents by Category & Priority** | **Total** | **Average** | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | **2017** |
|---|---|---|---|---|---|---|---|---|---|
| EMS-High | 22294 | 3185 | 3008 | 2984 | 2958 | 2747 | 3975 | 3487 | 3135 |
| Fire-High | 311 | 44 | 51 | 53 | 45 | 24 | 32 | 38 | 63 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| HAZMAT-High | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Technical Rescue-High | 11 | 2 | 0 | 0 | 0 | 6 | 0 | 3 | 2 |
| **High Total** | **22618** | **3231** | **3059** | **3037** | **3003** | **2777** | **4007** | **3528** | **3202** |
| EMS-Moderate | 12130 | 1733 | 1591 | 1745 | 1953 | 1771 | 1923 | 1736 | 1411 |
| Fire-Moderate | 72 | 10 | 8 | 5 | 13 | 13 | 11 | 12 | 10 |
| HAZMAT-Moderate | 267 | 38 | 28 | 24 | 33 | 38 | 39 | 40 | 65 |
| **Moderate Total** | **12469** | **1781** | **1627** | **1774** | **1999** | **1822** | **1973** | **1788** | **1486** |
| EMS-Low | 1629 | 233 | 0 | 0 | 0 | 0 | 0 | 61 | 1568 |
| Fire-Low | 8093 | 1156 | 1058 | 1062 | 1098 | 1111 | 1247 | 1299 | 1223 |
| HAZMAT-Low | 122 | 17 | 15 | 27 | 29 | 13 | 13 | 10 | 15 |
| Other-Low | 2747 | 392 | 9 | 267 | 288 | 1075 | 360 | 731 | 17 |
| **Low Total** | **12591** | **1799** | **1082** | **1356** | **1415** | **2199** | **1620** | **2101** | **2823** |
| **Grand Total** | **47678** | **6811** | **5768** | **6167** | **6417** | **6798** | **7600** | **7417** | **7511** |

## Incidents by Time Element

In addition to the total number of incident responses and increases over the years, the department has found that is important to analyze trends by timeframes. The following tables demonstrate service demand based on various timeframes includes hourly, daily, weekly, and monthly.

| Incidents by Month | Total | Average | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
|---|---|---|---|---|---|---|---|---|---|
| January | 3891 | 556 | 501 | 508 | 559 | 518 | 601 | 602 | 602 |
| February | 3451 | 493 | 413 | 431 | 482 | 484 | 529 | 598 | 514 |
| March | 3933 | 562 | 472 | 496 | 525 | 527 | 641 | 656 | 616 |
| April | 3934 | 562 | 476 | 524 | 520 | 540 | 663 | 634 | 577 |
| May | 4112 | 587 | 493 | 502 | 592 | 558 | 671 | 620 | 676 |
| June | 4126 | 589 | 504 | 538 | 548 | 618 | 586 | 641 | 691 |
| July | 4209 | 601 | 551 | 551 | 583 | 615 | 662 | 628 | 619 |
| August | 4087 | 584 | 481 | 553 | 497 | 565 | 705 | 636 | 650 |
| September | 4005 | 572 | 463 | 549 | 499 | 611 | 646 | 627 | 610 |
| October | 4116 | 588 | 487 | 503 | 554 | 615 | 657 | 641 | 659 |
| November | 3811 | 544 | 443 | 504 | 529 | 568 | 607 | 524 | 636 |
| December | 4000 | 571 | 484 | 508 | 529 | 579 | 632 | 607 | 661 |
| **Total** | **47675** | **6811** | **5768** | **6167** | **6417** | **6798** | **7600** | **7414** | **7511** |

| Incidents by Day of Week | Total | Average | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
|---|---|---|---|---|---|---|---|---|---|
| Sunday | 6150 | 879 | 756 | 781 | 866 | 857 | 989 | 949 | 952 |
| Monday | 7057 | 1008 | 808 | 941 | 913 | 1,041 | 1,145 | 1,111 | 1,098 |
| Tuesday | 6987 | 998 | 858 | 930 | 945 | 1,002 | 1,056 | 1,089 | 1,107 |
| Wednesday | 7100 | 1014 | 827 | 892 | 910 | 999 | 1,158 | 1,123 | 1,191 |
| Thursday | 6955 | 994 | 835 | 901 | 890 | 993 | 1,119 | 1,123 | 1,094 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Friday | 7007 | 1001 | 847 | 839 | 1,016 | 1,032 | 1,117 | 1,104 | 1,052 |
| Saturday | 6419 | 917 | 837 | 883 | 877 | 874 | 1,016 | 915 | 1,017 |
| **Total** | **47675** | **6811** | **5768** | **6167** | **6417** | **6798** | **7600** | **7414** | **7511** |

| **Incidents by Time Block** | **Total** | **Average** | **2011** | **2012** | **2013** | **2014** | **2015** | **2016** | **2017** |
|---|---|---|---|---|---|---|---|---|---|
| 0000-0500 | 5659 | 808 | 698 | 708 | 719 | 823 | 892 | 899 | 920 |
| 0600-1100 | 12984 | 1855 | 1594 | 1704 | 1785 | 1861 | 2048 | 1998 | 1994 |
| 1200-1700 | 17073 | 2439 | 2076 | 2220 | 2298 | 2465 | 2630 | 2665 | 2719 |
| 1800-2300 | 11959 | 1708 | 1400 | 1535 | 1615 | 1649 | 2030 | 1852 | 1878 |
| **Total** | **47675** | **6811** | **5768** | **6167** | **6417** | **6798** | **7600** | **7414** | **7511** |

| **Incidents by Hour** | **Total** | **Average** | **2011** | **2012** | **2013** | **2014** | **2015** | **2016** | **2017** |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 1172 | 167 | 156 | 141 | 153 | 171 | 177 | 186 | 188 |
| 1 | 1032 | 147 | 123 | 136 | 134 | 143 | 156 | 181 | 159 |
| 2 | 959 | 137 | 128 | 116 | 112 | 141 | 149 | 159 | 154 |
| 3 | 818 | 117 | 96 | 108 | 99 | 106 | 141 | 126 | 142 |
| 4 | 812 | 116 | 91 | 103 | 108 | 135 | 137 | 113 | 125 |
| 5 | 866 | 124 | 104 | 104 | 113 | 127 | 132 | 134 | 152 |
| 6 | 1115 | 159 | 131 | 124 | 138 | 179 | 185 | 181 | 177 |
| 7 | 1553 | 222 | 176 | 222 | 212 | 205 | 264 | 225 | 249 |
| 8 | 2098 | 300 | 251 | 272 | 312 | 293 | 316 | 335 | 319 |
| 9 | 2557 | 365 | 318 | 358 | 349 | 360 | 398 | 392 | 382 |
| 10 | 2804 | 401 | 364 | 349 | 394 | 421 | 438 | 430 | 408 |
| 11 | 2857 | 408 | 354 | 379 | 380 | 403 | 447 | 435 | 459 |
| 12 | 2878 | 411 | 370 | 388 | 375 | 422 | 403 | 449 | 471 |
| 13 | 2981 | 426 | 354 | 375 | 394 | 448 | 443 | 481 | 486 |
| 14 | 2868 | 410 | 331 | 355 | 376 | 411 | 474 | 481 | 440 |
| 15 | 2895 | 414 | 356 | 377 | 402 | 380 | 469 | 436 | 475 |
| 16 | 2795 | 399 | 362 | 357 | 388 | 406 | 438 | 413 | 431 |
| 17 | 2656 | 379 | 303 | 368 | 363 | 398 | 403 | 405 | 416 |
| 18 | 2559 | 366 | 291 | 326 | 373 | 346 | 409 | 395 | 419 |
| 19 | 2447 | 350 | 286 | 304 | 343 | 323 | 419 | 371 | 401 |
| 20 | 2130 | 304 | 225 | 288 | 275 | 301 | 389 | 313 | 339 |
| 21 | 1883 | 269 | 256 | 265 | 239 | 260 | 298 | 305 | 260 |
| 22 | 1571 | 224 | 175 | 199 | 197 | 221 | 279 | 249 | 251 |
| 23 | 1369 | 196 | 167 | 153 | 188 | 198 | 236 | 219 | 208 |
| **Total** | **47675** | **6811** | **5768** | **6167** | **6417** | **6798** | **7600** | **7414** | **7511** |

## Incidents by Geography

Understanding the time frames associated with indent response allows the department to see "when" services and resources are being utilized. By analyzing incident locations, a better understanding may be gained of where incidents are occurring and "where" most services are being utilized. The department analyzed locations from a variety of perspectives including station response areas or fire districts and by fire planning zone. This allows for a comprehensive overview of incident locations and the actual units that are utilized for these responses.

| **Incidents by District** | **Total Responses** | **Average** | **2011** | **2012** | **2013** | **2014** | **2015** | **2016** | **2017** |
|---|---|---|---|---|---|---|---|---|---|
| 21 | 6053 | 865 | 749 | 809 | 848 | 742 | 977 | 919 | 1009 |
| 22 | 7103 | 1015 | 823 | 949 | 961 | 1018 | 1153 | 1132 | 1067 |
| 23 | 8985 | 1284 | 1136 | 1177 | 1208 | 1075 | 1466 | 1419 | 1504 |
| 24 | 5314 | 759 | 705 | 703 | 715 | 673 | 825 | 756 | 937 |
| 25 | 1291 | 184 | 212 | 127 | 158 | 141 | 222 | 196 | 235 |
| 21A | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 22A | 10763 | 1538 | 1487 | 1484 | 1569 | 1631 | 1732 | 1427 | 1433 |
| 22B | 922 | 132 | 75 | 96 | 96 | 143 | 129 | 181 | 202 |
| 22C | 51 | 7 | 0 | 0 | 0 | 3 | 13 | 14 | 21 |
| 22D | 218 | 31 | 0 | 0 | 0 | 0 | 62 | 82 | 74 |
| 23A | 4625 | 661 | 494 | 542 | 628 | 672 | 753 | 741 | 795 |
| 23B | 73 | 10 | 8 | 13 | 6 | 13 | 16 | 7 | 10 |
| Out of District | 2276 | 325 | 79 | 267 | 228 | 687 | 252 | 540 | 223 |
| **Total** | **47675** | **6811** | **5768** | **6167** | **6417** | **6798** | **7600** | **7414** | **7511** |

| **Incidents by Unit** | **Total Responses** | **Average** | **2011** | **2012** | **2013** | **2014** | **2015** | **2016** | **2017** |
|---|---|---|---|---|---|---|---|---|---|
| BAT2 | 611 | 87 | 0 | 119 | 128 | 121 | 113 | 117 | 13 |
| B216 | 37 | 5 | 21 | 5 | 5 | 3 | 3 | 0 | 0 |
| B246 | 43 | 6 | 32 | 1 | 2 | 3 | 3 | 2 | 0 |
| E211 | 6266 | 895 | 832 | 794 | 841 | 855 | 1052 | 1002 | 890 |
| E212 | 2573 | 368 | 2 | 3 | 0 | 4 | 2564 | 0 | 0 |
| E221 | 13129 | 1876 | 2325 | 2145 | 2161 | 2395 | 2 | 2277 | 1824 |
| E222 | 2073 | 296 | 1 | 1 | 3 | 6 | 2053 | 4 | 5 |
| E231 | 11362 | 1623 | 1592 | 1596 | 1713 | 1771 | 1160 | 1893 | 1637 |
| E241 | 6036 | 862 | 938 | 948 | 941 | 997 | 0 | 1125 | 1087 |
| fire08 TEST | 21 | 3 | 9 | 0 | 0 | 0 | 0 | 0 | 12 |
| FP1 | 3 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 1 |
| FP2 | 71 | 10 | 1 | 1 | 2 | 6 | 10 | 36 | 15 |
| FP3 | 160 | 23 | 1 | 7 | 1 | 0 | 4 | 48 | 99 |
| FP4 | 169 | 24 | 8 | 1 | 15 | 15 | 50 | 53 | 27 |
| HM227 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| KAMR | 1290 | 184 | 0 | 0 | 0 | 0 | 0 | 302 | 1290 |
| KPD | 15 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 15 |
| L234 | 127 | 18 | 1 | 14 | 1 | 1 | 27 | 38 | 45 |
| R215 | 29 | 4 | 0 | 0 | 0 | 0 | 7 | 6 | 16 |
| R235 | 7 | 1 | 1 | 2 | 2 | 2 | 0 | 0 | 0 |
| SQ2 | 520 | 74 | 0 | 0 | 0 | 0 | 0 | 0 | 520 |
| S217 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| T218 | 11 | 2 | 2 | 0 | 0 | 1 | 3 | 0 | 5 |
| U200 | 2857 | 408 | 0 | 480 | 547 | 554 | 517 | 752 | 7 |
| **Total** | **47675** | **6811** | **5768** | **6167** | **6417** | **6798** | **7600** | **7414** | **7511** |

## Incident Break down

Understanding the probability of incidents as well as the identification of trends allows the department to analyze resources and availability. Utilizing the previous sections to analyze the timeframes of incident occurrence as well as the location of incidents, the addition of incident information is the final component to consider for historical data in determining risk. This section utilizes historical information to provide what types of indents are occurring, the timeframes in which they occur, and finally where these events are occurring.

## EMS Incident Breakdown

| **EMS Incidents by Risk** | **Total** | **Average** | **2011** | **2012** | **2013** | **2014** | **2015** | **2016** | **2017** |
|---|---|---|---|---|---|---|---|---|---|
| EMS-High | 22294 | 3185 | 3008 | 2984 | 2958 | 2747 | 3975 | 3487 | 3135 |
| EMS-Moderate | 12129 | 1733 | 1591 | 1745 | 1953 | 1771 | 1923 | 1736 | 1410 |
| EMS-Low | 1630 | 233 | 0 | 0 | 0 | 0 | 0 | 61 | 1569 |
| Total | **36053** | **5150** | **4599** | **4729** | **4911** | **4518** | **5898** | **5284** | **6114** |

| **EMS Incidents by Month** | **Total** | **Average** | **2011** | **2012** | **2013** | **2014** | **2015** | **2016** | **2017** |
|---|---|---|---|---|---|---|---|---|---|
| January | 2998 | 428 | 394 | 379 | 439 | 346 | 469 | 459 | 512 |
| February | 2636 | 377 | 334 | 356 | 363 | 309 | 405 | 437 | 432 |
| March | 3016 | 431 | 398 | 374 | 388 | 340 | 504 | 501 | 511 |
| April | 3043 | 435 | 376 | 427 | 409 | 378 | 495 | 479 | 479 |
| May | 3081 | 440 | 377 | 377 | 436 | 374 | 521 | 458 | 538 |
| June | 3059 | 437 | 384 | 385 | 407 | 412 | 461 | 463 | 547 |
| July | 3173 | 453 | 417 | 418 | 447 | 389 | 536 | 462 | 504 |
| August | 3178 | 454 | 398 | 426 | 394 | 405 | 573 | 466 | 516 |
| September | 3060 | 437 | 390 | 416 | 388 | 390 | 508 | 473 | 495 |
| October | 3078 | 440 | 385 | 401 | 422 | 397 | 514 | 414 | 545 |
| November | 2805 | 401 | 363 | 379 | 405 | 381 | 454 | 300 | 523 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| December | 2926 | 418 | 383 | 391 | 413 | 397 | 458 | 372 | 512 |
| **Total** | **36053** | **5150** | **4599** | **4729** | **4911** | **4518** | **5898** | **5284** | **6114** |

| **EMS Incidents by Day of the Week** | **Total** | **Average** | **2011** | **2012** | **2013** | **2014** | **2015** | **2016** | **2017** |
|---|---|---|---|---|---|---|---|---|---|
| Sunday | 4804 | 686 | 623 | 605 | 668 | 610 | 794 | 701 | 803 |
| Monday | 5252 | 750 | 644 | 700 | 706 | 655 | 881 | 778 | 888 |
| Tuesday | 5270 | 753 | 673 | 730 | 729 | 659 | 839 | 761 | 879 |
| Wednesday | 5372 | 767 | 668 | 703 | 690 | 659 | 870 | 811 | 971 |
| Thursday | 5188 | 741 | 670 | 673 | 683 | 643 | 869 | 779 | 871 |
| Friday | 5286 | 755 | 675 | 623 | 779 | 682 | 879 | 780 | 868 |
| Saturday | 4881 | 697 | 646 | 695 | 656 | 610 | 766 | 674 | 834 |
| **Total** | **36053** | **5150** | **4599** | **4729** | **4911** | **4518** | **5898** | **5284** | **6114** |

| **EMS Incidents by Time Block** | **Total** | **Average** | **2011** | **2012** | **2013** | **2014** | **2015** | **2016** | **2017** |
|---|---|---|---|---|---|---|---|---|---|
| 0000-0559 | 4499 | 643 | 580 | 557 | 571 | 614 | 730 | 645 | 802 |
| 0600-1159 | 9767 | 1395 | 1258 | 1335 | 1372 | 1210 | 1583 | 1404 | 1605 |
| 1200-1759 | 12760 | 1823 | 1635 | 1675 | 1740 | 1568 | 2053 | 1915 | 2174 |
| 1800-2359 | 9027 | 1290 | 1126 | 1162 | 1228 | 1126 | 1532 | 1320 | 1533 |
| **Total** | **36053** | **5150** | **4599** | **4729** | **4911** | **4518** | **5898** | **5284** | **6114** |

| **EMS Incidents by Hour** | **Total** | **Average** | **2011** | **2012** | **2013** | **2014** | **2015** | **2016** | **2017** |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 929 | 133 | 127 | 113 | 121 | 128 | 142 | 136 | 162 |
| 1 | 823 | 118 | 104 | 110 | 111 | 108 | 128 | 123 | 139 |
| 2 | 777 | 111 | 107 | 88 | 87 | 113 | 129 | 116 | 137 |
| 3 | 662 | 95 | 82 | 81 | 83 | 81 | 110 | 96 | 129 |
| 4 | 632 | 90 | 74 | 81 | 77 | 93 | 116 | 83 | 108 |
| 5 | 676 | 97 | 86 | 84 | 92 | 91 | 105 | 91 | 127 |
| 6 | 865 | 124 | 103 | 99 | 100 | 129 | 144 | 139 | 151 |
| 7 | 1188 | 170 | 144 | 164 | 173 | 152 | 201 | 149 | 205 |
| 8 | 1548 | 221 | 203 | 206 | 227 | 182 | 244 | 228 | 258 |
| 9 | 1881 | 269 | 242 | 282 | 272 | 224 | 306 | 258 | 297 |
| 10 | 2139 | 306 | 294 | 280 | 307 | 268 | 349 | 314 | 327 |
| 11 | 2146 | 307 | 272 | 304 | 293 | 255 | 339 | 316 | 367 |
| 12 | 2207 | 315 | 298 | 298 | 294 | 261 | 336 | 340 | 380 |
| 13 | 2231 | 319 | 277 | 274 | 300 | 282 | 359 | 350 | 389 |
| 14 | 2129 | 304 | 266 | 264 | 297 | 252 | 369 | 335 | 346 |
| 15 | 2162 | 309 | 281 | 284 | 305 | 252 | 360 | 296 | 384 |
| 16 | 2034 | 291 | 278 | 273 | 272 | 250 | 329 | 290 | 342 |
| 17 | 1997 | 285 | 235 | 282 | 272 | 271 | 300 | 304 | 333 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 18 | 1940 | 277 | 234 | 245 | 281 | 233 | 309 | 296 | 342 |
| 19 | 1861 | 266 | 236 | 241 | 258 | 220 | 307 | 260 | 339 |
| 20 | 1595 | 228 | 180 | 210 | 211 | 210 | 293 | 211 | 280 |
| 21 | 1412 | 202 | 207 | 193 | 177 | 181 | 228 | 222 | 204 |
| 22 | 1184 | 169 | 137 | 153 | 149 | 145 | 217 | 175 | 208 |
| 23 | 1035 | 148 | 132 | 120 | 152 | 137 | 178 | 156 | 160 |
| **Total** | **36053** | **5150** | **4599** | **4729** | **4911** | **4518** | **5898** | **5284** | **6114** |

| EMS Incidents by District | Total | Average | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
|---|---|---|---|---|---|---|---|---|---|
| 21 | 5078 | 725 | 601 | 671 | 719 | 601 | 853 | 790 | 843 |
| 22 | 5256 | 751 | 602 | 703 | 698 | 723 | 854 | 843 | 833 |
| 23 | 7416 | 1059 | 923 | 959 | 996 | 862 | 1245 | 1165 | 1266 |
| 24 | 3977 | 568 | 528 | 543 | 554 | 478 | 623 | 543 | 708 |
| 25 | 883 | 126 | 136 | 85 | 108 | 92 | 158 | 127 | 177 |
| 21A | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 22A | 9032 | 1290 | 1319 | 1270 | 1317 | 1241 | 1479 | 1133 | 1273 |
| 22B | 692 | 99 | 52 | 72 | 75 | 101 | 103 | 129 | 160 |
| 22C | 42 | 6 | 0 | 0 | 0 | 1 | 11 | 13 | 17 |
| 22D | 171 | 24 | 0 | 0 | 0 | 0 | 49 | 62 | 60 |
| 23A | 3200 | 457 | 386 | 376 | 422 | 404 | 513 | 467 | 632 |
| 23B | 20 | 3 | 5 | 4 | 2 | 0 | 0 | 0 | 9 |
| Out of District | 285 | 41 | 47 | 46 | 20 | 15 | 10 | 12 | 135 |
| Grand Total | **36053** | **5150** | **4599** | **4729** | **4911** | **4518** | **5898** | **5284** | **6114** |

## Fire Incident Breakdown

Fire incidents include residential structure fires, commercial structure fires, dumpster fires, passenger vehicle fires, commercial vehicle fires, and brush fires. In contrast, non- fire Incidents includes all other incident types including emergency medical services, hazardous materials, and other which include alarms, investigations, and out of district incidents.

| Fire Incidents by Risk | Total | Average | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
|---|---|---|---|---|---|---|---|---|---|
| High Risk | 311 | 44 | 51 | 53 | 45 | 24 | 32 | 38 | 68 |
| Moderate Risk | 72 | 10 | 8 | 5 | 13 | 13 | 11 | 12 | 10 |
| Low Risk | 8093 | 1156 | 1058 | 1062 | 1098 | 1111 | 1247 | 1299 | 1218 |
| **Total** | **8476** | **1211** | **1117** | **1120** | **1156** | **1148** | **1290** | **1349** | **1296** |

| Fire Incidents by Month | Total | Average | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
|---|---|---|---|---|---|---|---|---|---|
| January | 643 | 92 | 96 | 106 | 86 | 88 | 86 | 102 | 79 |
| February | 596 | 85 | 77 | 64 | 87 | 91 | 86 | 116 | 75 |
| March | 710 | 101 | 74 | 94 | 109 | 104 | 103 | 123 | 103 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| April | 686 | 98 | 93 | 77 | 84 | 85 | 133 | 123 | 91 |
| May | 797 | 114 | 112 | 103 | 114 | 95 | 116 | 123 | 134 |
| June | 778 | 111 | 116 | 107 | 107 | 93 | 93 | 128 | 134 |
| July | 764 | 109 | 132 | 97 | 100 | 114 | 98 | 117 | 106 |
| August | 663 | 95 | 80 | 86 | 80 | 72 | 95 | 131 | 119 |
| September | 691 | 99 | 72 | 108 | 86 | 96 | 110 | 110 | 109 |
| October | 716 | 102 | 97 | 86 | 106 | 120 | 107 | 97 | 103 |
| November | 707 | 101 | 79 | 99 | 103 | 99 | 130 | 91 | 106 |
| December | 725 | 104 | 89 | 93 | 94 | 91 | 133 | 88 | 137 |
| Total | **8476** | **1211** | **1117** | **1120** | **1156** | **1148** | **1290** | **1349** | **1296** |

| **Fire Incidents by Day of the Week** | **Total** | **Average** | **2011** | **2012** | **2013** | **2014** | **2015** | **2016** | **2017** |
|---|---|---|---|---|---|---|---|---|---|
| Sunday | 996 | 142 | 130 | 143 | 151 | 128 | 154 | 156 | 134 |
| Monday | 1273 | 182 | 156 | 181 | 158 | 173 | 196 | 211 | 198 |
| Tuesday | 1248 | 178 | 177 | 154 | 170 | 164 | 164 | 210 | 209 |
| Wednesday | 1229 | 176 | 154 | 134 | 155 | 167 | 216 | 198 | 205 |
| Thursday | 1279 | 183 | 159 | 171 | 156 | 179 | 184 | 220 | 210 |
| Friday | 1269 | 181 | 164 | 158 | 192 | 190 | 183 | 213 | 169 |
| Saturday | 1182 | 169 | 177 | 179 | 174 | 147 | 193 | 141 | 171 |
| Total | **8476** | **1211** | **1117** | **1120** | **1156** | **1148** | **1290** | **1349** | **1296** |

| **Fire Incidents by Time Block** | **Total** | **Average** | **2011** | **2012** | **2013** | **2014** | **2015** | **2016** | **2017** |
|---|---|---|---|---|---|---|---|---|---|
| 0000-0559 | 853 | 122 | 113 | 114 | 106 | 128 | 127 | 154 | 111 |
| 0600-1159 | 2371 | 339 | 325 | 297 | 328 | 334 | 348 | 376 | 363 |
| 1200-1759 | 3125 | 446 | 426 | 414 | 428 | 416 | 449 | 481 | 511 |
| 1800-2359 | 2127 | 304 | 253 | 295 | 294 | 270 | 366 | 338 | 311 |
| **Total** | **8476** | **1211** | **1117** | **1120** | **1156** | **1148** | **1290** | **1349** | **1296** |

| **Fire Incidents by Hour** | **Total** | **Average** | **2011** | **2012** | **2013** | **2014** | **2015** | **2016** | **2017** |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 174 | 25 | 27 | 22 | 27 | 23 | 26 | 25 | 24 |
| 1 | 147 | 21 | 18 | 20 | 13 | 23 | 23 | 33 | 17 |
| 2 | 143 | 20 | 21 | 20 | 20 | 18 | 16 | 31 | 17 |
| 3 | 107 | 15 | 14 | 20 | 7 | 14 | 24 | 16 | 12 |
| 4 | 136 | 19 | 16 | 17 | 23 | 26 | 15 | 22 | 17 |
| 5 | 146 | 21 | 17 | 15 | 16 | 24 | 23 | 27 | 24 |
| 6 | 183 | 26 | 27 | 20 | 27 | 27 | 33 | 29 | 20 |
| 7 | 275 | 39 | 31 | 48 | 36 | 29 | 51 | 43 | 37 |
| 8 | 418 | 60 | 44 | 62 | 65 | 70 | 53 | 65 | 59 |
| 9 | 529 | 76 | 75 | 62 | 66 | 82 | 72 | 88 | 84 |
| 10 | 461 | 66 | 68 | 47 | 68 | 65 | 63 | 73 | 77 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 11 | 505 | 72 | 80 | 58 | 66 | 61 | 76 | 78 | 86 |
| 12 | 491 | 70 | 72 | 75 | 63 | 65 | 56 | 75 | 85 |
| 13 | 548 | 78 | 74 | 78 | 75 | 81 | 64 | 82 | 94 |
| 14 | 537 | 77 | 64 | 68 | 56 | 76 | 88 | 96 | 89 |
| 15 | 529 | 76 | 72 | 65 | 78 | 65 | 83 | 82 | 84 |
| 16 | 553 | 79 | 79 | 64 | 84 | 74 | 87 | 80 | 85 |
| 17 | 467 | 67 | 65 | 64 | 72 | 55 | 71 | 66 | 74 |
| 18 | 466 | 67 | 54 | 66 | 75 | 60 | 74 | 63 | 74 |
| 19 | 405 | 58 | 48 | 45 | 62 | 47 | 83 | 65 | 55 |
| 20 | 389 | 56 | 42 | 62 | 46 | 48 | 70 | 64 | 57 |
| 21 | 351 | 50 | 47 | 60 | 43 | 37 | 51 | 59 | 54 |
| 22 | 289 | 41 | 37 | 39 | 37 | 44 | 46 | 45 | 41 |
| 23 | 227 | 32 | 25 | 23 | 31 | 34 | 42 | 42 | 30 |
| **Total** | **8476** | **1211** | **1117** | **1120** | **1156** | **1148** | **1290** | **1349** | **1296** |

| **Fire Incidents by District** | **Total** | **Average** | **2011** | **2012** | **2013** | **2014** | **2015** | **2016** | **2017** |
|---|---|---|---|---|---|---|---|---|---|
| 21 | 905 | 129 | 139 | 126 | 113 | 130 | 117 | 126 | 154 |
| 22 | 1792 | 256 | 215 | 239 | 259 | 288 | 291 | 283 | 217 |
| 23 | 1483 | 212 | 204 | 207 | 196 | 205 | 210 | 245 | 216 |
| 24 | 1270 | 181 | 173 | 152 | 152 | 186 | 191 | 203 | 213 |
| 25 | 390 | 56 | 74 | 41 | 50 | 45 | 61 | 67 | 52 |
| 21A | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22A | 1256 | 179 | 160 | 185 | 210 | 156 | 204 | 192 | 149 |
| 22B | 185 | 26 | 22 | 17 | 19 | 22 | 24 | 40 | 41 |
| 22C | 9 | 1 | 0 | 0 | 0 | 1 | 1 | 3 | 4 |
| 22D | 32 | 5 | 0 | 0 | 0 | 0 | 8 | 13 | 11 |
| 23A | 982 | 140 | 106 | 131 | 145 | 106 | 168 | 169 | 157 |
| 23B | 11 | 2 | 3 | 3 | 1 | 0 | 3 | 0 | 1 |
| Out of District | 151 | 22 | 21 | 19 | 11 | 9 | 2 | 8 | 81 |
| Total | **8466** | **1209** | **1117** | **1120** | **1156** | **1148** | **1280** | **1349** | **1296** |

## Hazardous Materials Incident Breakdown

Hazardous materials incidents include response to large scale hazardous materials incidents, Fuel leaks above and below 25 gallons and natural gas leaks from residential and commercial occupancies.

| **Hazardous Materials Incidents by Risk** | **Total** | **Average** | **2011** | **2012** | **2013** | **2014** | **2015** | **2016** | **2017** |
|---|---|---|---|---|---|---|---|---|---|
| High-Haz Mat Release / Haz Mat Incident | 11 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 11 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Moderate-Fuel Spill > 25 Gal / Gas Leak | 260 | 37 | 28 | 24 | 33 | 38 | 39 | 40 | 58 |
| Low-Fuel Spill < 25 Gal | 120 | 17 | 15 | 27 | 29 | 13 | 13 | 10 | 13 |
| **Total** | **391** | **56** | **43** | **51** | **62** | **51** | **52** | **50** | **82** |

| **Hazardous Materials Incidents by Month** | **Total** | **Average** | **2011** | **2012** | **2013** | **2014** | **2015** | **2016** | **2017** |
|---|---|---|---|---|---|---|---|---|---|
| January | 41 | 6 | 11 | 6 | 2 | 1 | 9 | 6 | 6 |
| February | 26 | 4 | 2 | 1 | 5 | 7 | 1 | 6 | 4 |
| March | 28 | 4 | 0 | 8 | 7 | 2 | 5 | 4 | 2 |
| April | 39 | 6 | 7 | 1 | 10 | 4 | 7 | 3 | 7 |
| May | 30 | 4 | 4 | 2 | 5 | 4 | 7 | 4 | 4 |
| June | 33 | 5 | 4 | 0 | 7 | 5 | 3 | 4 | 10 |
| July | 39 | 6 | 2 | 9 | 4 | 7 | 3 | 5 | 9 |
| August | 36 | 5 | 3 | 8 | 6 | 3 | 2 | 3 | 11 |
| September | 22 | 3 | 1 | 2 | 4 | 7 | 2 | 3 | 3 |
| October | 33 | 5 | 5 | 4 | 3 | 6 | 4 | 4 | 7 |
| November | 24 | 3 | 1 | 5 | 3 | 2 | 2 | 4 | 7 |
| December | 40 | 6 | 3 | 5 | 6 | 3 | 7 | 4 | 12 |
| **Total** | **391** | **56** | **43** | **51** | **62** | **51** | **52** | **50** | **82** |

| **Hazardous Materials Incidents by Day of the Week** | **Total** | **Average** | **2011** | **2012** | **2013** | **2014** | **2015** | **2016** | **2017** |
|---|---|---|---|---|---|---|---|---|---|
| Sunday | 36 | 5 | 3 | 5 | 5 | 4 | 5 | 5 | 9 |
| Monday | 56 | 8 | 8 | 4 | 10 | 9 | 5 | 9 | 11 |
| Tuesday | 58 | 8 | 8 | 6 | 4 | 5 | 9 | 9 | 17 |
| Wednesday | 68 | 10 | 5 | 12 | 12 | 8 | 10 | 8 | 13 |
| Thursday | 61 | 9 | 6 | 9 | 10 | 11 | 7 | 7 | 11 |
| Friday | 62 | 9 | 8 | 8 | 8 | 10 | 9 | 8 | 11 |
| Saturday | 50 | 7 | 5 | 7 | 13 | 4 | 7 | 4 | 10 |
| **Total** | **391** | **56** | **43** | **51** | **62** | **51** | **52** | **50** | **82** |

| **Hazardous Materials Incidents by Time Block** | **Total** | **Average** | **2011** | **2012** | **2013** | **2014** | **2015** | **2016** | **2017** |
|---|---|---|---|---|---|---|---|---|---|
| 0000-0559 | 29 | 4 | 5 | 4 | 3 | 4 | 3 | 3 | 7 |
| 0600-1159 | 135 | 19 | 11 | 19 | 17 | 21 | 18 | 23 | 26 |
| 1200-1759 | 140 | 20 | 15 | 24 | 27 | 14 | 12 | 16 | 32 |
| 1800-2359 | 87 | 12 | 12 | 4 | 15 | 12 | 19 | 8 | 17 |
| **Total** | **391** | **56** | **43** | **51** | **62** | **51** | **52** | **50** | **82** |

| Hazardous Materials Incidents Hour | Total | Average | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 8 | 1 | 2 | 2 | 0 | 1 | 1 | 0 | 2 |
| 1 | 6 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 3 |
| 2 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 |
| 3 | 2 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 4 | 3 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 |
| 5 | 8 | 1 | 1 | 0 | 2 | 2 | 0 | 2 | 1 |
| 6 | 15 | 2 | 1 | 2 | 2 | 2 | 1 | 1 | 6 |
| 7 | 20 | 3 | 1 | 0 | 1 | 3 | 2 | 6 | 7 |
| 8 | 20 | 3 | 4 | 1 | 4 | 1 | 4 | 4 | 2 |
| 9 | 21 | 3 | 1 | 3 | 2 | 5 | 2 | 7 | 1 |
| 10 | 33 | 5 | 2 | 8 | 4 | 7 | 3 | 5 | 4 |
| 11 | 26 | 4 | 2 | 5 | 4 | 3 | 6 | 0 | 6 |
| 12 | 18 | 3 | 0 | 2 | 5 | 2 | 1 | 2 | 6 |
| 13 | 25 | 4 | 3 | 4 | 4 | 3 | 3 | 5 | 3 |
| 14 | 19 | 3 | 1 | 4 | 4 | 3 | 1 | 3 | 3 |
| 15 | 23 | 3 | 3 | 4 | 3 | 2 | 2 | 2 | 7 |
| 16 | 24 | 3 | 5 | 6 | 6 | 0 | 2 | 1 | 4 |
| 17 | 31 | 4 | 3 | 4 | 5 | 4 | 3 | 3 | 9 |
| 18 | 18 | 3 | 3 | 1 | 4 | 3 | 3 | 1 | 3 |
| 19 | 22 | 3 | 2 | 0 | 2 | 3 | 5 | 3 | 7 |
| 20 | 22 | 3 | 3 | 2 | 6 | 2 | 5 | 2 | 2 |
| 21 | 9 | 1 | 2 | 0 | 1 | 3 | 1 | 0 | 2 |
| 22 | 10 | 1 | 1 | 1 | 1 | 0 | 3 | 2 | 2 |
| 23 | 6 | 1 | 1 | 0 | 1 | 1 | 2 | 0 | 1 |
| **Total** | **391** | **56** | **43** | **51** | **62** | **51** | **52** | **50** | **82** |

| HAZMAT Incidents by District | Total | Average | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
|---|---|---|---|---|---|---|---|---|---|
| 21 | 64 | 9 | 9 | 12 | 16 | 11 | 7 | 3 | 6 |
| 22 | 51 | 7 | 6 | 7 | 4 | 7 | 8 | 6 | 13 |
| 23 | 85 | 12 | 9 | 11 | 16 | 8 | 11 | 9 | 21 |
| 24 | 67 | 10 | 4 | 8 | 9 | 9 | 11 | 10 | 16 |
| 25 | 18 | 3 | 2 | 1 | 0 | 4 | 3 | 2 | 6 |
| 21A | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22A | 58 | 8 | 8 | 8 | 12 | 9 | 4 | 7 | 10 |
| 22B | 5 | 1 | 1 | 0 | 0 | 0 | 1 | 2 | 1 |
| 22C | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22D | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 2 | 3 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 23A | 34 | 5 | 2 | 4 | 5 | 3 | 6 | 9 | 5 |
| 23B | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Out of District | 4 | 1 | 2 | 0 | 0 | 0 | 1 | 0 | 1 |
| **Total** | **391** | **56** | **43** | **51** | **62** | **51** | **52** | **50** | **82** |

## Technical Rescue Incident Breakdown

Technical Rescue incidents include response to high angle, low angle and swift water rescue incidents.

| **Technical Rescue Incident by Risk** | **Total** | **Average** | **2011** | **2012** | **2013** | **2014** | **2015** | **2016** | **2017** |
|---|---|---|---|---|---|---|---|---|---|
| High - Technical Rescue | 5 | 1 | 0 | 0 | 0 | 3 | 0 | 0 | 2 |

| **Technical Rescue Incidents by Month** | **Total** | **Average** | **2011** | **2012** | **2013** | **2014** | **2015** | **2016** | **2017** |
|---|---|---|---|---|---|---|---|---|---|
| January | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| February | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| March | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| April | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| June | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| July | 2 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 |
| August | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| September | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| October | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| November | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| December | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total** | **5** | **1** | **0** | **0** | **0** | **3** | **0** | **0** | **2** |

| **Technical Rescue Incidents by Day of the Week** | **Total** | **Average** | **2011** | **2012** | **2013** | **2014** | **2015** | **2016** | **2017** |
|---|---|---|---|---|---|---|---|---|---|
| Sunday | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Monday | 2 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 |
| Tuesday | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Wednesday | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Thursday | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Friday | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Saturday | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| **Total** | **5** | **1** | **0** | **0** | **0** | **3** | **0** | **0** | **2** |

| Technical Rescue Incidents by Time Block | Total | Average | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
|---|---|---|---|---|---|---|---|---|---|
| 0000-0559 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0600-1159 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1200-1759 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 1800-2359 | 3 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 |
| **Total** | **5** | **1** | **0** | **0** | **0** | **3** | **0** | **0** | **2** |

| Technical Rescue Incidents by Hour | Total | Average | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 3 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20 | 2 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 |
| 21 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total** | **5** | **1** | **0** | **0** | **0** | **3** | **0** | **0** | **2** |

| Technical Rescue Incidents by District | Total | Average | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
|---|---|---|---|---|---|---|---|---|---|
| 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 23 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22A | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22B | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22C | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22D | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 23A | 2 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| 23B | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Out of District | 2 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 |
| **Total** | **5** | **1** | **0** | **0** | **0** | **3** | **0** | **0** | **2** |

## Fractile Response Overview

The Kingman Fire Department uses performance measurement ratings at the 90th percentile for the purposes of the SOC. Response times are generally expressed in the format MM: SS or as just seconds, depending on the table. Although significant analysis is conducted into the various segments of response times, the Total Response Time (TRT) is the most critical measure of evaluating performance throughout the city. Total response time is defined by the following:

***Dispatch Time + Turnout Time + Travel Time = Total Response Time***

The Kingman Fire Department strives to achieve the performance benchmarks that are established in NFPA 1710 and has adopted the following performance benchmarks for response times: Call Answering Time shall be defined as the interval that begins when the 9-1-1 call is received at the communications center and ends when the call is answered by the communications call taker. The Kingman 9-1-1 Communications Center will attempt to answer 9-1-1 calls within ten (10) seconds, ninety (90) percent of the time.

Alarm Handling Time shall be defined as the interval that begins when the call is answered at the communications center and ends when the call is acknowledged as "ready to dispatch". Dispatch Time shall be defined as the interval that begins when the call is acknowledged ready to dispatch and ends when alarm finishes the station toning process and accepts the run card in CAD. The Kingman Fire Department, in conjunction with the Kingman 9-1-1 Communications Center (Alarm), will attempt to dispatch all calls within 90 (ninety) seconds of Call Answer Time, ninety (90) percent of the time.

Turnout time shall be defined as the time between receiving an alert in a fire station to the time fire department vehicles place themselves responding with dispatch. The Kingman Fire Department will attempt to turnout within 60 seconds for ems responses and 80 seconds for fire and special operations responses, ninety percent of the time.

Travel time shall be defined as the time between a unit responding and their arrival on scene. Although travel times will vary call-to-call, the Kingman Fire Department will attempt have a travel time for the 1st unit of 240 seconds, ninety percent of the time.

Effective Response Force, when applicable, shall be defined as the time of response to a full alarm assignment arriving on scene. The Kingman Fire Department will attempt to compile a full response force on low risk incidents within 480 seconds ninety percent of the time, moderate risk incidents within 610 seconds 90 % of the time and high risk incidents within 740 seconds 90% of the time.

As output measurement can be challenging, the department must focus on the assessment of progress toward achieving improved output. Collins states, "What matters is not finding the perfect indicator, but settling upon a consistent and intelligent method of assessing your output results, and then tracking your trajectory with rigor." They must further be prepared to revisit and revise their goals, objectives, and performance measures to keep up with accomplishments and environmental changes. It has been stated that: "…successful strategic planning requires continuing review of actual accomplishments in comparison with the plan…periodic or continuous environmental scanning to assure that unforeseen developments do not sabotage the adopted plan or that emerging opportunities are not overlooked. " An integrated process, known as "Managing for Results," will be utilized, which is based upon the following:

- The identification of strategic goals and objectives;
- The determination of resources necessary to achieve them;
- The analyzing and evaluation of performance data; and
- The use of that data to drive continuous improvement in the organization

| Time Segment | Definition | Risk Category | Benchmark Goal | Associated Reliability | Total Response |
|---|---|---|---|---|---|

| | | | | | **Time** |
|---|---|---|---|---|---|
| Alarm Handling | Pick-up to Dispatch | All | 90 seconds | 90% | 90 seconds |
| Turnout Time | Time from units dispatched to responding | All | 60 seconds | 90% | 150 seconds |
| Travel Time | Travel Time 1st Unit Distribution | Low | 240 seconds | 90% | 390 seconds |
| | | Moderate | 240 seconds | | 390 seconds |
| | | High | 240 seconds | | 390 seconds |
| | Travel Time ERF Concentration | Low | - | 90% | - |
| | | Moderate | 480 seconds | | 870 Seconds |
| | | High | 610 seconds | | 1000 Seconds |
| Total Response Time | Total Response Time 1st Unit on Scene Distribution | Low | 480 seconds | 90% | 870 Seconds |
| | | Moderate | 480 seconds | | 870 Seconds |
| | | High | 480 seconds | | 870 Seconds |
| | Total Response Time ERF | Low | 480 seconds | 90% | 870 Seconds |
| | Concentration | Moderate | 610 seconds | | 1000 Seconds |
| | | High | 740 Seconds | | 1130 Seconds |

| **2017 ALL - 90th Percentile Times - Baseline Performance** | | | Agency Benchmark | **2017** | **% Compliance** |
|---|---|---|---|---|---|
| Alarm Handling Time | Pickup to Dispatch | All | 1:30 | **3:18** | **34%** |
| Turnout Time | Turnout Time 1st Unit | All | 1:00 | **1:13** | **84%** |
| Travel Time 1st | Travel Time 1st Unit | All | 4:00 | **6:51** | **49%** |
| Travel Time ERF | Travel ERF Concentration | Moderate | 8:00 | **9:43** | **57%** |
| | | High | 10:30 | **8:42** | **94%** |
| Total Response Time | 1st Unit on Scene | All | 8:00 | **9:55** | **72%** |
| Total Response Time ERF | Total Response ERF Concentration | Moderate | 10:30 | **13:47** | **57%** |
| | | High | 12:30 | **12:17** | **90%** |

| All by Year | Alarm Handling Time | | Turnout | | Travel | | Travel ERF | | Total Response | | Total ERF | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Time | % Comp | Time | % Comp | Time | % Comp | Time | % Comp | Time | % Comp | Time | % Comp |
| 2011 | 2:00 | 81% | 2:54 | 12% | 6:13 | 61% | - | - | 9:26 | 77% | - | - |
| 2012 | 2:14 | 76% | 3:02 | 16% | 6:02 | 63% | 11:46 | 81% | 9:42 | 74% | 14:45 | 70% |
| 2013 | 2:11 | 76% | 3:03 | 15% | 6:13 | 63% | 11:41 | 69% | 9:50 | 74% | 15:04 | 60% |
| 2014 | 2:21 | 70% | 3:07 | 17% | 6:24 | 62% | 11:50 | 73% | 10:13 | 70% | 15:26 | 67% |
| 2015 | 2:24 | 67% | 2:44 | 29% | 6:34 | 58% | 11:24 | 68% | 10:04 | 72% | 15:33 | 57% |
| 2016 | 2:48 | 57% | 1:39 | 73% | 7:03 | 53% | 11:23 | 74% | 9:54 | 75% | 13:43 | 69% |
| 2017 | 3:18 | 34% | 1:13 | 84% | 6:51 | 49% | 9:13 | 82% | 9:55 | 72% | 13:35 | 79% |
| **Total** | **2:38** | **64%** | **2:46** | **32%** | **6:35** | **55%** | **11:00** | **74%** | **9:57** | **72%** | **15:06** | **66%** |

## Fractile Response by Time Element

| 2017 by Month | Alarm Handling Time | | Turnout | | Travel | | Travel ERF | | Total Response | | Total ERF | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Time | % Comp | Time | % Comp | Time | % Comp | Time | % Comp | Time | % Comp | Time | % Comp |
| January | 3:48 | 11% | 1:09 | 87% | 7:00 | 50% | 8:19 | 88% | 10:53 | 63% | 11:10 | 88% |
| February | 3:58 | 10% | 1:14 | 85% | 6:57 | 45% | 9:19 | 78% | 10:22 | 62% | 11:50 | 78% |
| March | 3:40 | 11% | 1:08 | 87% | 6:41 | 46% | 9:13 | 67% | 10:14 | 65% | 14:32 | 50% |
| April | 3:38 | 16% | 1:14 | 83% | 6:16 | 48% | 7:26 | 86% | 9:40 | 65% | 10:41 | 86% |
| May | 3:41 | 18% | 1:13 | 82% | 6:49 | 50% | 8:06 | 67% | 10:14 | 67% | 11:06 | 67% |
| June | 3:26 | 22% | 1:11 | 82% | 6:43 | 51% | 10:19 | 78% | 9:51 | 71% | 14:12 | 78% |
| July | 3:38 | 16% | 1:14 | 82% | 6:59 | 53% | 7:32 | 100% | 9:58 | 68% | 9:45 | 100% |
| August | 2:50 | 46% | 1:09 | 85% | 7:11 | 47% | 7:49 | 100% | 9:47 | 75% | 14:12 | 80% |
| September | 2:17 | 63% | 1:05 | 87% | 6:59 | 47% | 11:49 | 60% | 9:28 | 79% | 14:21 | 60% |
| October | 2:31 | 59% | 1:14 | 83% | 6:53 | 48% | 9:41 | 83% | 9:09 | 81% | 12:28 | 83% |
| November | 2:22 | 62% | 1:16 | 82% | 6:32 | 56% | 11:37 | 80% | 9:08 | 80% | 14:14 | 80% |
| December | 2:20 | 63% | 1:16 | 82% | 6:52 | 50% | 6:37 | 100% | 9:07 | 80% | 8:56 | 100% |
| **Total** | **3:18** | **34%** | **1:13** | **84%** | **6:51** | **49%** | **9:13** | **82%** | **9:55** | **72%** | **13:35** | **79%** |

| 2017 by Day of the Week | Alarm Handling Time | | Turnout | | Travel | | Travel ERF | | Total Response | | Total ERF | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Time | % Comp | Time | % Comp | Time | % Comp | Time | % Comp | Time | % Comp | Time | % Comp |
| Sunday | 3:18 | 31% | 1:08 | 86% | 6:46 | 51% | 10:02 | 70% | 9:46 | 71% | 14:06 | 70% |
| Monday | 3:18 | 31% | 1:13 | 83% | 6:44 | 51% | 9:41 | 67% | 10:03 | 73% | 13:40 | 67% |
| Tuesday | 3:16 | 36% | 1:12 | 83% | 6:46 | 49% | 8:21 | 80% | 9:45 | 72% | 14:48 | 73% |
| Wednesday | 3:22 | 35% | 1:10 | 84% | 6:49 | 49% | 6:53 | 100% | 9:48 | 72% | 10:25 | 100% |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Thursday | 3:19 | 33% | 1::14 | 83% | 7:02 | 46% | 8:45 | 88% | 10:05 | 69% | 12:03 | 75% |
| Friday | 3:17 | 34% | 1:11 | 85% | 6:49 | 49% | 9:41 | 82% | 10:11 | 72% | 11:45 | 82% |
| Saturday | 3:17 | 35% | 1:14 | 82% | 6:46 | 51% | 7:41 | 100% | 9:42 | 73% | 10:34 | 100% |
| **Total** | **3:18** | **34%** | **1:13** | **84%** | **6:51** | **49%** | **9:13** | **82%** | **9:55** | **72%** | **13:35** | **79%** |

| **2017 by Time Block** | **Alarm Handling Time** | | **Turnout** | | **Travel** | | **Travel ERF** | | **Total Response** | | **Total ERF** | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Time | % Comp | Time | % Comp | Time | % Comp | Time | % Comp | Time | % Comp | Time | % Comp |
| 0000-0500 | 3:22 | 28% | 1:48 | 40% | 7:08 | 34% | 8:36 | 71% | 11:01 | 51% | 12:29 | 71% |
| 0600-1100 | 3:11 | 37% | 1:02 | 89% | 6:59 | 51% | 11:08 | 81% | 9:45 | 75% | 13:50 | 81% |
| 1200-1700 | 3:17 | 34% | 0:52 | 94% | 6:41 | 53% | 9:30 | 80% | 9:31 | 76% | 12:31 | 76% |
| 1800-2300 | 3:23 | 33% | 1:06 | 86% | 6:42 | 51% | 8:22 | 87% | 9:47 | 72% | 13:19 | 83% |
| **Total** | **3:18** | **34%** | **1:13** | **84%** | **6:51** | **49%** | **9:13** | **82%** | **9:55** | **72%** | **13:35** | **79%** |

| **2017 by Hour** | **Alarm Handling Time** | | **Turnout** | | **Travel** | | **Travel ERF** | | **Total Response** | | **Total ERF** | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Time | % Comp | Time | % Comp | Time | % Comp | Time | % Comp | Time | % Comp | Time | % Comp |
| 0 | 4:01 | 28% | 1:36 | 42% | 7:21 | 33% | 8:16 | 50% | 10:52 | 51% | 13:20 | 50% |
| 1 | 3:08 | 31% | 1:50 | 43% | 7:11 | 39% | 8:46 | 50% | 10:53 | 59% | 11:36 | 50% |
| 2 | 3:32 | 29% | 1:44 | 35% | 7:27 | 29% | 6:58 | 100% | 11:54 | 48% | 9:19 | 100% |
| 3 | 3:19 | 25% | 1:54 | 38% | 7:16 | 35% | 7:17 | 100% | 10:56 | 45% | 10:52 | 100% |
| 4 | 3:17 | 26% | 1:49 | 38% | 7:02 | 30% | - | - | 10:33 | 47% | - | - |
| 5 | 3:04 | 28% | 1:50 | 40% | 7:02 | 34% | - | - | 11:05 | 54% | - | - |
| 6 | 3:03 | 34% | 1:30 | 68% | 6:59 | 43% | 12:48 | 50% | 9:45 | 65% | 15:43 | 50% |
| 7 | 3:07 | 37% | 1:13 | 80% | 7:05 | 52% | 8:37 | 75% | 10:03 | 73% | 11:07 | 75% |
| 8 | 2:58 | 36% | 0:56 | 93% | 6:29 | 51% | 13:06 | 50% | 9:22 | 80% | 15:38 | 50% |
| 9 | 2:59 | 35% | 0:52 | 93% | 7:15 | 54% | 5:33 | 100% | 9:55 | 79% | 7:50 | 100% |
| 10 | 3:12 | 39% | 0:55 | 92% | 7:07 | 53% | 7:05 | 100% | 9:52 | 77% | 9:11 | 100% |
| 11 | 3:32 | 37% | 0:48 | 96% | 6:53 | 51% | 6:10 | 100% | 9:33 | 73% | 7:47 | 100% |
| 12 | 3:14 | 34% | 0:46 | 95% | 6:41 | 53% | 10:31 | 67% | 9:30 | 76% | 13:29 | 50% |
| 13 | 3:14 | 33% | 0:48 | 96% | 6:31 | 50% | 7:24 | 100% | 9:09 | 79% | 10:17 | 100% |
| 14 | 3:16 | 41% | 0:55 | 94% | 7:06 | 54% | 7:52 | 100% | 9:55 | 75% | 10:46 | 100% |
| 15 | 3:15 | 34% | 0:54 | 94% | 6:41 | 54% | 6:00 | 100% | 9:40 | 79% | 9:25 | 100% |
| 16 | 3:30 | 32% | 0:51 | 94% | 6:46 | 49% | 11:36 | 33% | 9:47 | 75% | 14:05 | 33% |
| 17 | 3:11 | 33% | 0:57 | 92% | 6:13 | 57% | 8:59 | 75% | 9:08 | 75% | 12:00 | 75% |
| 18 | 3:19 | 34% | 1:01 | 90% | 6:58 | 52% | 8:03 | 75% | 9:40 | 72% | 14:07 | 50% |
| 19 | 3:11 | 33% | 0:51 | 92% | 6:52 | 53% | 7:34 | 86% | 9:38 | 74% | 11:04 | 86% |
| 20 | 3:26 | 36% | 0:53 | 96% | 6:34 | 53% | 6:31 | 100% | 9:40 | 76% | 9:48 | 100% |
| 21 | 3:30 | 33% | 1:00 | 91% | 6:22 | 54% | 7:58 | 100% | 9:25 | 77% | 10:51 | 100% |
| 22 | 3:34 | 28% | 1:19 | 75% | 6:17 | 41% | 8:39 | 75% | 10:00 | 67% | 12:18 | 75% |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 23 | 3:33 | 30% | 1:28 | 59% | 6:42 | 50% | 3:06 | 100% | 10:24 | 66% | 5:51 | 100% |
| **Total** | **3:18** | **34%** | **1:13** | **84%** | **6:51** | **49%** | **9:13** | **82%** | **9:55** | **72%** | **13:35** | **79%** |

## Fractile Response by Geography

| **2017 by Fire Planning Zone** | **Alarm Handling Time** | | **Turnout** | | **Travel** | | **Travel ERF** | | **Total Response** | | **Total ERF** | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Time | % Comp | Time | % Comp | Time | % Comp | Time | % Comp | Time | % Comp | Time | % Comp |
| 21N_16W Sec1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 21N_16W Sec2 | - | - | - | - | - | - | - | - | - | - | - | - |
| 21N_16W Sec3 | 4:16 | 29% | 0:49 | 92% | 10:18 | 9% | - | - | 13:24 | 18% | - | - |
| 21N_16W Sec4 | 2:42 | 44% | 1:00 | 89% | 7:31 | 0% | - | - | 10:30 | 31% | - | - |
| 21N_16W Sec5 | 3:06 | 28% | 1:17 | 84% | 7:53 | 15% | 7:03 | 100% | 10:51 | 48% | 11:00 | 100% |
| 21N_16W Sec6 | 3:13 | 37% | 1:18 | 83% | 6:07 | 50% | 7:52 | 83% | 9:25 | 76% | 10:26 | 83% |
| 21N_16W Sec7 | - | - | - | - | - | - | - | - | - | - | - | - |
| 21N_16W Sec8 | 3:27 | 33% | 1:08 | 86% | 6:53 | 37% | 8:02 | 75% | 10:16 | 67% | 12:31 | 75% |

| **2017 by District** | **Alarm Handling Time** | | **Turnout** | | **Travel** | | **Travel ERF** | | **Total Response** | | **Total ERF** | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Time | % Comp | Time | % Comp | Time | % Comp | Time | % Comp | Time | % Comp | Time | % Comp |
| 21 | 3:22 | 33% | 1:12 | 84% | 6:41 | 57% | 8:02 | 100% | 9:43 | 74% | 11:42 | 90% |
| 22 | 3:16 | 33% | 1:04 | 87% | 5:02 | 81% | 7:19 | 86% | 8:10 | 88% | 11:32 | 86% |
| 23 | 3::07 | 36% | 1:22 | 82% | 7:14 | 30% | 8:27 | 88% | 10:12 | 65% | 11:37 | 82% |
| 24 | 3:10 | 33% | 1:10 | 84% | 6:01 | 60% | 9:14 | 90% | 9:00 | 80% | 11:36 | 90% |
| 25 | 3:20 | 35% | 1:14 | 75% | 8:03 | 6% | 9:27 | 50% | 11:15 | 30% | 11:58 | 50% |
| 21A | 2:20 | 0% | - | - | - | - | - | - | - | - | - | - |
| 22A | 3:14 | 33% | 1:07 | 86% | 6:10 | 47% | 9:36 | 75% | 9:18 | 76% | 13:49 | 75% |
| 22B | 3:28 | 34% | 1:01 | 90% | 8:07 | 8% | 6:55 | 100% | 11:18 | 33% | 9:46 | 100% |
| 22C | 3:50 | 35% | 1:13 | 72% | 11:44 | 14% | 8:09 | 0% | 14:29 | 14% | 11:04 | 0% |
| 22D | 3:25 | 55% | 1:32 | 71% | 9:05 | 37% | 11:44 | 50% | 11:53 | 56% | 14:06 | 50% |
| 23A | 3:27 | 33% | 1:20 | 82% | 6:39 | 56% | 8:03 | 100% | 9:57 | 73% | 10:37 | 100% |
| 23B | 2:48 | 33% | 0:55 | 88% | 8:22 | 0% | - | - | 11:36 | 29% | - | - |
| **Total** | **3:18** | **34%** | **1:13** | **84%** | **6:51** | **49%** | **9:13** | **82%** | **9:55** | **72%** | **13:35** | **79%** |
| 21N_16W | 3:16 | 27% | 0:54 | 94% | 7:49 | 9% | - | - | 10:49 | 26% | - | - |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sec9 | | | | | | | | | | | | |
| 21N_16W Sec10 | 3:48 | 36% | 1:00 | 87% | 8:54 | 10% | 8:09 | 0% | 12:17 | 15% | 11:04 | 0% |
| 21N_16W Sec11 | 2:23 | 0% | 0:38 | 100% | 13:13 | 0% | - | - | 16:14 | 0% | - | - |
| 21N_16W Sec12 | - | - | - | - | - | - | - | - | - | - | - | - |
| 21N_16W Sec13 | 3:27 | 25% | 1:17 | 33% | 12:31 | 0% | - | - | 15:27 | 33% | - | - |
| 21N_16W Sec14 | 3:14 | 40% | 1:04 | 80% | 10:13 | 10% | - | - | 13:27 | 10% | - | - |
| 21N_16W Sec15 | 3:18 | 38% | 1:15 | 80% | 8:15 | 1% | - | - | 11:20 | 18% | - | - |
| 21N_16W Sec17 | 2:49 | 32% | 0:58 | 92% | 7:12 | 33% | 6:42 | 100% | 9:32 | 67% | 9:02 | 100% |
| 21N_16W Sec18 | 3:12 | 39% | 1:13 | 83% | 6:09 | 54% | 9:05 | 78% | 9:14 | 80% | 12:37 | 78% |
| 21N_16W Sec19 | 3:24 | 32% | 1:05 | 87% | 4:37 | 80% | 12:34 | 67% | 8:13 | 88% | 15:18 | 67% |
| 21N_16W Sec20 | 3:01 | 33% | 1:12 | 80% | 5:36 | 73% | - | - | 8:17 | 86% | - | - |
| 21N_16W Sec21 | 3:02 | 34% | 1:14 | 81% | 8:02 | 11% | 9:27 | 50% | 10:46 | 46% | 11:58 | 50% |
| 21N_16W Sec22 | - | - | - | - | - | - | - | - | - | - | - | - |
| 21N_16W Sec23 | - | - | - | - | - | - | - | - | - | - | - | - |
| 21N_16W Sec26 | - | - | - | - | - | - | - | - | - | - | - | - |
| 21N_16W Sec27 | - | - | - | - | - | - | - | - | - | - | - | - |
| 21N_16W Sec28 | 4:16 | 22% | 1:19 | 64% | 6:51 | 14% | - | - | 10:50 | 36% | - | - |
| 21N_16W Sec29 | 2:45 | 44% | 0:52 | 100% | 7:31 | 20% | - | - | 10:22 | 40% | - | - |
| 21N_16W Sec30 | - | - | - | - | - | - | - | - | - | - | - | - |
| 21N_17W Sec1 | 3:22 | 23% | 1:21 | 83% | 6:49 | 64% | 7:46 | 100% | 9:42 | 73% | 9:20 | 100% |
| 21N_17W Sec2 | - | - | - | - | - | - | - | - | - | - | - | - |
| 21N_17W Sec11 | 5:54 | 0% | 0:25 | 100% | 8:55 | 33% | - | - | 15:39 | 33% | - | - |
| 21N_17W Sec12 | 3:13 | 27% | 1:22 | 81% | 7:45 | 16% | 9:41 | 89% | 11:02 | 50% | 13:25 | 78% |
| 21N_17W Sec13 | 3:05 | 30% | 1:08 | 86% | 6:08 | 31% | 11:11 | 50% | 9:12 | 70% | 14:07 | 50% |
| 21N_17W Sec14 | 3:25 | 38% | 1:04 | 86% | 8:55 | 33% | - | - | 12:21 | 50% | - | - |
| 21N_17W | - | - | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sec15 | | | | | | | | | | | | |
| 21N_17W Sec22 | 4:12 | 18% | 1:07 | 82% | 10:03 | 8% | - | - | 13:27 | 8% | - | - |
| 21N_17W Sec23 | 3:13 | 33% | 1:09 | 84% | 8:18 | 36% | 7:11 | 100% | 11:33 | 62% | 10:07 | 100% |
| 21N_17W Sec24 | 3:23 | 38% | 1:13 | 82% | 5:19 | 81% | 8:08 | 100% | 851 | 86% | 14:18 | 75% |
| 21N_17W Sec25 | 3:45 | 22% | 1:16 | 87% | 6:29 | 38% | 7:35 | 100% | 9:54 | 66% | 8:59 | 100% |
| 21N_17W Sec26 | 2:48 | 55% | 1:30 | 79% | 6:51 | 47% | 6:57 | 100% | 10:08 | 75% | 8:36 | 100% |
| 21N_17W Sec27 | - | - | - | - | - | - | - | - | - | - | - | - |
| 22N_16W Sec19 | 2:53 | 20% | 1:20 | 75% | 7:28 | 0% | - | - | 11:14 | 25% | - | - |
| 22N_16W Sec30 | 5:20 | 40% | 1:03 | 90% | 6:13 | 50% | - | - | 8:49 | 78% | - | - |
| 22N_16W Sec31 | 3:40 | 29% | 1:23 | 77% | 6:42 | 66% | 4:20 | 100% | 9:36 | 74% | 6:21 | 100% |
| 22N_17W Sec23 | - | - | - | - | - | - | - | - | - | - | - | - |
| 22N_17W Sec24 | 2:01 | 50% | 0:19 | 100% | 9:07 | 0% | - | - | 11:05 | 33% | - | - |
| 22N_17W Sec25 | 3:29 | 34% | 1:21 | 81% | 8:26 | 5% | 8:59 | 100% | 11:11 | 39% | 11:37 | 100% |
| 22N_17W Sec26 | - | - | - | - | - | - | - | - | - | - | - | - |
| 22N_17W Sec35 | - | - | - | - | - | - | - | - | - | - | - | - |
| 22N_17W Sec36 | - | - | - | - | - | - | - | - | - | - | - | - |
| **Total** | **3:18** | **34%** | **1:13** | **84%** | **6:51** | **49%** | **9:13** | **82%** | **9:55** | **72%** | **13:35** | **79%** |

## Fractile Response by Resource

| 2017 by Station | Alarm Handling Time | | Turnout | | Travel | | Travel ERF | | Total Response | | Total ERF | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Time | % Comp | Time | % Comp | Time | % Comp | Time | % Comp | Time | % Comp | Time | % Comp |
| Station 21 | 3:29 | 35% | 1:14 | 83% | 6:57 | 57% | 8:33 | 88% | 10:16 | 72% | 14:32 | 75% |
| Station 22 | 3:11 | 38% | 1:05 | 87% | 6:31 | 52% | 8:54 | 83% | 9:21 | 77% | 13:38 | 79% |
| Station 23 | 3:18 | 34% | 1:24 | 79% | 7:02 | 41% | 8:08 | 93% | 10:14 | 66% | 10:49 | 93% |
| Station 24 | 3:18 | 32% | 1:10 | 84% | 7:01 | 48% | 9:56 | 70% | 10:07 | 67% | 12:26 | 70% |
| Total | **3:18** | **34%** | **1:13** | **84%** | **6:51** | **49%** | **9:13** | **82%** | **9:55** | **72%** | **13:35** | **79%** |

| 2017 by Shift | Alarm Handling Time | | Turnout | | Travel | | Travel ERF | | Total Response | | Total ERF | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Time | % Comp | Time | % Comp | Time | % Comp | Time | % Comp | Time | % Comp | Time | % Comp |
| A | 3:18 | 34% | 1:16 | 81% | 7:00 | 48% | 9:29 | 73% | 10:13 | 70% | 14:03 | 69% |
| B | 3:22 | 33% | 1:20 | 82% | 6:52 | 49% | 8:34 | 92% | 9:53 | 71% | 12:29 | 88% |
| C | 3:17 | 35% | 1:02 | 89% | 6:45 | 51% | 9:00 | 80% | 9:42 | 74% | 11:45 | 80% |
| **Total** | **3:18** | **34%** | **1:13** | **84%** | **6:51** | **49%** | **9:13** | **82%** | **9:55** | **72%** | **13:35** | **79%** |

## Fractile Response by Category

| **EMS (All) - 90th Percentile Times - Baseline Performance** | | **Agency Benchmark** | **2011-2017** | **2017** | 2016 | 2015 | 2014 | 2013 | 2012 | 2011 |
|---|---|---|---|---|---|---|---|---|---|---|
| Alarm Handling | All | 1:30 | 2:36 | **3:21** | 2:48 | 2:19 | 2:15 | 2:06 | 2:10 | 2:00 |
| Turnout Time | All | 1:00 | 2:45 | **1:09** | 1:38 | 2:43 | 3:07 | 3:03 | 3:02 | 2:54 |
| Travel Time | Low | 4:00 | 8:36 | **8:27** | 8:00 | 7:10 | 6:49 | 6:22 | 6:20 | - |
| | Moderate | 4:00 | 6:53 | **7:22** | 7:24 | 6:50 | 6:30 | 6:31 | 6:17 | 6:36 |
| | High | 4:00 | 6:22 | **6:22** | 6:40 | 6:27 | 6:24 | 6:02 | 5:49 | 5:56 |
| | Low | - | - | **-** | - | - | - | - | - | - |
| | Moderate | 8:00 | ** | **** | ** | ** | ** | ** | ** | ** |
| | High | 10:30 | ** | **** | ** | ** | ** | ** | ** | ** |
| Total Response Time | Low | 8:00 | 11:50 | **11:46** | 10:55 | 10:49 | 10:36 | 10:23 | 10:48 | - |
| | Moderate | 8:00 | 10:17 | **10:26** | 10:16 | 10:16 | 10:32 | 10:07 | 10:01 | 9:53 |
| | High | 8:00 | 9:38 | **9:25** | 9:28 | 9:44 | 10:03 | 9:38 | 9:18 | 9:11 |
| | Low | - | - | **-** | - | - | - | - | - | - |
| | Moderate | 10:30 | ** | **** | ** | ** | ** | ** | ** | ** |
| | High | 12:30 | ** | **** | ** | ** | ** | ** | ** | ** |

| **Fire (All) - 90th Percentile Times - Baseline Performance** | | **Agency Benchmark** | **2011-2017** | **2017** | 2016 | 2015 | 2014 | 2013 | 2012 | 2011 |
|---|---|---|---|---|---|---|---|---|---|---|
| Alarm Handling | All | 1:30 | 2:52 | **2:41** | 2:32 | 2:59 | 2:32 | 2:35 | 2:16 | 3:23 |
| | | | | | | | | | | |
| | | | | | | | | | | |
| Turnout Time | All | 1:00 | 2:54 | **1:33** | 1:49 | 2:40 | 3:05 | 2:55 | 2:33 | 3:13 |
| | | | | | | | | | | |
| | | | | | | | | | | |
| Travel Time | Low | 4:00 | 6:47 | **7:21** | 6:11 | 6:12 | 4:57 | 5:20 | 6:11 | 6:23 |
| | Moderate | 4:00 | 6:08 | **7:00** | 6:03 | 4:32 | 4:36 | 4:17 | 4:45 | 5:48 |
| | High | 4:00 | 5:43 | **5:39** | 5:02 | 6:25 | 5:08 | 5:12 | 5:15 | 5:47 |
| | Low | - | - | **-** | - | - | - | - | - | - |
| | Moderate | 8:00 | 12:15 | **11:03** | 13:28 | 10:31 | 11:50 | 8:51 | 7:14 | 3:51 |
| | High | 10:30 | 11:15 | **8:43** | 10:41 | 11:22 | 11:04 | 11:54 | 11:42 | 8:35 |
| Total Response Time | Low | 8:00 | 10:28 | **10:10** | 8:47 | 11:34 | 9:34 | 9:09 | 9:28 | 10:25 |
| | Moderate | 8:00 | 9:09 | **10:29** | 9:18 | 7:32 | 8;22 | 7:49 | 7:27 | 9:09 |
| | High | 8:00 | 9:20 | **8:33** | 7:48 | 10:25 | 7:57 | 9:15 | 8:32 | 11:15 |
| | Low | - | - | **-** | - | - | - | - | - | - |
| | Moderate | 10:30 | 14:56 | **14:23** | 16:04 | 13:09 | 15:07 | 12:56 | 10:09 | 6:25 |
| | High | 12:30 | 14:57 | **12:04** | 13:24 | 15:26 | 13:39 | 15:42 | 14:43 | 13:53 |

| **All Structure Fires** | **2011** | **2012** | **2013** | **2014** | **2015** | **2016** | **2017** |
|---|---|---|---|---|---|---|---|
| **All Vehicle Fires** | | | | | | | |
| **Dumpster Fires** | | | | | | | |
| **Brush Fires** | | | | | | | |
| # of Incidents | 158 | 157 | 224 | 147 | 145 | 212 | 211 |
| Alarm Handling Time | 4:22 | 2:16 | 2:35 | 2:32 | 2:59 | 2:32 | 2:49 |
| Turnout Time | 3:17 | 2:34 | 2:55 | 3:05 | 2:40 | 1:49 | 1:27 |
| Travel Time | 5:41 | 6:03 | 5:20 | 4:58 | 6:21 | 6:09 | 5:59 |
| Travel ERF | 8:31 | 11:01 | 9:09 | 9:12 | 11:06 | 8:47 | 8:56 |
| Total Response Time | 10:27 | 9:19 | 10:50 | 10:35 | 11:20 | 10:28 | 9:11 |
| ERF Concentration | 13:43 | 14:18 | 11:32 | 10:59 | 12:00 | 10:30 | 13:49 |

| **Hazardous Materials (All) - 90th Percentile Times - Baseline Performance** | | **Agency Benchmark** | **2011-2017** | **2017** | 2016 | 2015 | 2014 | 2013 | 2012 | 2011 |
|---|---|---|---|---|---|---|---|---|---|---|
| Alarm Handling | All | 1:30 | 2:54 | **2:52** | 3:19 | 2:52 | 3:06 | 2:39 | 3:34 | 2:34 |
| | | | | | | | | | | |
| | | | | | | | | | | |
| Turnout Time | All | 1:00 | 2:53 | **1:29** | 1:16 | 2:29 | 2:49 | 3:18 | 2:55 | 3:10 |
| | | | | | | | | | | |
| | | | | | | | | | | |
| Travel Time | Low | 4:00 | 6:28 | **10:20** | 7:39 | 4:57 | 5:32 | 5:40 | 5:54 | 4:28 |
| | Moderate | 4:00 | 6:12 | **6:07** | 6:19 | 7:22 | 5:33 | 4:54 | 5:09 | 6:06 |
| | High | 4:00 | 2:06 | **2:06** | 0 | 0 | 0 | 0 | 0 | 0 |
| | Low | - | - | - | - | - | - | - | - | - |
| | Moderate | 8:00 | 11:03 | **9:24** | 11:05 | 11:07 | 11:19 | 11:03 | 12:15 | 6:08 |
| | High | 10:30 | 6:41 | **6:41** | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Response Time | Low | 8:00 | 11:09 | **12:38** | 11:12 | 9:28 | 12:10 | 9:28 | 11:38 | 7:53 |
| | Moderate | 8:00 | 9:54 | **9:06** | 9:28 | 10:36 | 10:04 | 9:39 | 8:45 | 9:52 |
| | High | 8:00 | 9:15 | **9:15** | 0 | 0 | 0 | 0 | 0 | 0 |
| | Low | - | - | - | - | - | - | - | - | - |
| | Moderate | 10:30 | 15:05 | **12:45** | 13:42 | 15:55 | 16:04 | 14:06 | 16:03 | 10:16 |
| | High | 12:30 | 12:06 | **12:06** | 0 | 0 | 0 | 0 | 0 | 0 |

| **Technical Rescue (All) - 90th Percentile Times - Baseline Performance** | | **Agency Benchmark** | **2011-2017** | **2017** | 2016 | 2015 | 2014 | 2013 | 2012 | 2011 |
|---|---|---|---|---|---|---|---|---|---|---|
| Alarm Handling | All | 1:30 | 3:07 | **2:21** | 0 | 0 | 3:15 | 0 | 0 | 0 |
| | | | | | | | | | | |
| | | | | | | | | | | |
| Turnout Time | All | 1:00 | 1:05 | **0:01** | 0 | 0 | 1:05 | 0 | 0 | 0 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | |
| | | | | | | | | | | |
| Travel Time | - | - | | **-** | - | - | - | - | - | - |
| | High | 4:00 | 4:23 | **3:37** | - | - | 4:23 | - | - | - |
| | - | - | | **-** | - | - | - | - | - | - |
| | High | 10:30 | 11:31 | **-** | - | - | 10:52 | - | - | - |
| Total Response Time | - | - | | **-** | - | - | - | - | - | - |
| | High | 8:00 | 7:53 | **5:08** | - | - | 19:25 | - | - | - |
| | - | - | | **-** | - | - | - | - | - | - |
| | | | | | | | | | | |
| | High | 12:30 | 15:06 | **-** | - | - | 8:43 | - | - | - |

## Emergency Medical Services

The Kingman Fire Department had a total of **6,114** Medical calls for service in 2017. Of the total, Kingman Fire Department apparatuses responded to **4,824 (79%)**, while **1,290 (21%)** low risk calls were diverted to River Medical Third Party Ambulance units. Medical calls **increased** by **14%** over 2016.
Medical calls are categorized by risk using the following criteria:

- High = All Charlie, Delta, and Echo Determinants
- Moderate = All Bravo Determinants
- Low = All Alpha and Omega Determinants

| All EMS by Risk | Incidents | % |
|---|---|---|
| High | 3135 | 51% |
| Moderate | 1410 | 23% |
| Low | 1569 | 26% |
| **TOTAL** | **6114** | **100%** |

Of the **26%** of low risk calls for service, **21%** were diverted to River Medical, while in **5%** of calls Kingman Fire Department continued to respond when the final determinant code was updated to Alpha.
**18%** of all medical calls for service were for **sick persons** followed by **falls** at **15%**. The **top 8 chief complaints** listed below represent **73%** of all medical calls for service in 2017.

| All EMS by Call Type | Incidents | % |
|---|---|---|
| Sick Person | 1096 | 18% |
| Falls | 897 | 15% |
| Breathing Problem | 587 | 10% |
| Psychiatric | 477 | 8% |
| Unconscious/Fainting | 416 | 7% |
| Chest Pain | 407 | 7% |
| Traffic Accident | 290 | 5% |
| Unknown Problem | 276 | 5% |
| All Other | 1668 | 27% |
| **TOTAL** | **6114** | **100%** |

| EMS Call Type Incidents by Risk | High | Mod | Low | Total | % of Total |
|---|---|---|---|---|---|
| Sick Person | 501 | 54 | 541 | 1096 | 18% |
| Falls | 101 | 358 | 438 | 897 | 15% |
| Breathing Problem | 587 | 0 | 0 | 587 | 10% |
| Psychiatric | 38 | 321 | 118 | 477 | 8% |
| Unconscious/Fainting | 377 | 0 | 39 | 416 | 7% |
| Chest Pain | 391 | 0 | 16 | 407 | 7% |
| Traffic Accident | 106 | 171 | 13 | 290 | 5% |
| Unknown Problem | 36 | 240 | 0 | 276 | 5% |
| Seizures | 180 | 25 | 46 | 251 | 4% |
| Hemorrhage/Laceration | 104 | 76 | 37 | 217 | 4% |

| | | | | | |
|---|---|---|---|---|---|
| Abdominal Pain | 104 | 0 | 76 | 180 | 3% |
| Heart Problem | 149 | 0 | 4 | 153 | 3% |
| Assault | 13 | 106 | 13 | 132 | 2% |
| Stroke | 113 | 0 | 1 | 114 | 2% |
| Diabetic Problem | 69 | 0 | 42 | 111 | 2% |
| Overdose/Poisoning | 83 | 18 | 3 | 104 | 2% |
| Cardiac Arrest | 68 | 0 | 24 | 92 | 2% |
| Back Pain | 16 | 0 | 45 | 61 | 1% |
| Traumatic Injury | 6 | 18 | 32 | 56 | 1% |
| Interfacility Transfer | 0 | 0 | 48 | 48 | 1% |
| Allergic Reaction | 30 | 3 | 13 | 46 | 1% |
| Headache | 18 | 1 | 6 | 25 | 0% |
| Pregnancy | 14 | 5 | | 19 | 0% |
| Heat/Cold Exposure | 6 | 6 | 3 | 15 | 0% |
| Choking | 11 | 0 | 2 | 13 | 0% |
| Animal Bite | 0 | 7 | 4 | 11 | 0% |
| Stabbing/Gunshot Wound | 9 | 0 | 0 | 9 | 0% |
| Carbon Monoxide | 1 | 1 | 2 | 4 | 0% |
| Electrocution | 4 | 0 | 0 | 4 | 0% |
| Eye Problem | 0 | 0 | 3 | 3 | 0% |
| **TOTAL** | **3135** | **1410** | **1569** | **6114** | **100%** |

| **2017 EMS Incidents** | **Incident Total** | **% of Total** |
|---|---|---|
| Sick Person - Alpha | 515 | 8.42% |
| Breathing Problem - Delta | 429 | 7.02% |
| Sick Person - Charlie | 379 | 6.20% |
| Falls - Bravo | 358 | 5.86% |
| Psychiatric - Bravo | 321 | 5.25% |
| Unconscious/Fainting - Delta | 277 | 4.53% |
| Chest Pain - Delta | 272 | 4.45% |
| Falls - Alpha | 252 | 4.12% |
| Unknown Problem - Bravo | 240 | 3.93% |
| Falls - Public Assist | 186 | 3.04% |
| Traffic Accident - Bravo | 171 | 2.80% |
| Breathing Problem - Charlie | 155 | 2.54% |
| Seizures - Delta | 123 | 2.01% |
| Sick Person - Delta | 122 | 2.00% |
| Psychiatric - Alpha | 118 | 1.93% |
| Chest Pain - Charlie | 117 | 1.91% |
| Stroke - Charlie | 113 | 1.85% |

| | | |
|---|---|---|
| Assault - Bravo | 106 | 1.73% |
| Traffic Accident - Delta | 103 | 1.68% |
| Falls - Delta | 101 | 1.65% |
| Hemorrhage/Laceration - Delta | 95 | 1.55% |
| Abdominal - Charlie | 92 | 1.50% |
| Unconscious/Fainting - Charlie | 92 | 1.50% |
| Abdominal - Alpha | 76 | 1.24% |
| Heart Problem - Charlie | 76 | 1.24% |
| Hemorrhage/Laceration - Bravo | 76 | 1.24% |
| Overdose/Poisoning - Charlie | 75 | 1.23% |
| Heart Problem - Delta | 73 | 1.19% |
| Diabetic Problem - Charlie | 62 | 1.01% |
| Cardiac Arrest - Echo | 60 | 0.98% |
| Seizures - Charlie | 57 | 0.93% |
| Sick Person - Bravo | 54 | 0.88% |
| Interfacility Transfer - Alpha | 48 | 0.79% |
| Seizures - Alpha | 46 | 0.75% |
| Back Pain - Alpha | 45 | 0.74% |
| Diabetic Problem - Alpha | 42 | 0.69% |
| Unconscious/Fainting - Alpha | 39 | 0.64% |
| Psychiatric - Delta | 38 | 0.62% |
| Hemorrhage/Laceration - Alpha | 37 | 0.61% |
| Unknown Problem - Delta | 33 | 0.54% |
| Traumatic Injury - Alpha | 32 | 0.52% |
| Sick Person - Omega | 26 | 0.43% |
| Seizures - Bravo | 25 | 0.41% |
| Cardiac Arrest - Obvious Death | 23 | 0.38% |
| Headache - Charlie | 18 | 0.29% |
| Overdose/Poisoning - Bravo | 18 | 0.29% |
| Traumatic Injury - Bravo | 18 | 0.29% |
| Allergic Reaction - Delta | 17 | 0.28% |
| Chest Pain - Alpha | 16 | 0.26% |
| Back Pain - Charlie | 14 | 0.23% |
| Allergic Reaction - Alpha | 13 | 0.21% |
| Allergic Reaction - Charlie | 13 | 0.21% |
| Assault - Alpha | 13 | 0.21% |
| Assault - Delta | 12 | 0.20% |
| Traffic Accident - Alpha | 11 | 0.18% |
| Abdominal - Delta | 10 | 0.16% |
| Choking - Delta | 9 | 0.15% |
| Hemorrhage/Laceration - Charlie | 9 | 0.15% |

| | | |
|---|---|---|
| Stabbing/Gunshot Wound - Delta | 9 | 0.15% |
| Cardiac Arrest - Delta | 8 | 0.13% |
| Pregnancy - Delta | 8 | 0.13% |
| Animal Bite - Bravo | 7 | 0.11% |
| Diabetic Problem - Delta | 7 | 0.11% |
| Overdose/Poisoning - Delta | 7 | 0.11% |
| Headache - Alpha | 6 | 0.10% |
| Heat/Cold Exposure - Bravo | 6 | 0.10% |
| Pregnancy - Charlie | 6 | 0.10% |
| Pregnancy - Bravo | 5 | 0.08% |
| Traumatic Injury - Delta | 5 | 0.08% |
| ZULU - Unconscious/Fainting | 5 | 0.08% |
| Heart Problem - Alpha | 4 | 0.07% |
| Heat/Cold Exposure - Delta | 4 | 0.07% |
| Allergic Reaction - Bravo | 3 | 0.05% |
| Animal Bite - Alpha | 4 | 0.07% |
| Electrocution - Delta | 3 | 0.05% |
| Eye Problem - Alpha | 3 | 0.05% |
| Heat/Cold Exposure - Alpha | 3 | 0.05% |
| Overdose/Poisoning - Omega | 3 | 0.05% |
| Unconscious/Fainting - Echo | 3 | 0.05% |
| ZULU - Traffic Accident | 3 | 0.05% |
| ZULU - Unknown Problem | 3 | 0.05% |
| Back Pain - Delta | 2 | 0.03% |
| Breathing Problem - Echo | 2 | 0.03% |
| Carbon Monoxide - Alarm | 2 | 0.03% |
| Choking - Alpha | 2 | 0.03% |
| Choking - Echo | 2 | 0.03% |
| Heat/Cold Exposure - Charlie | 2 | 0.03% |
| Traffic Accident - Omega | 2 | 0.03% |
| ZULU - Abdominal | 2 | 0.03% |
| ZULU - Chest Pain | 2 | 0.03% |
| Carbon Monoxide - Bravo | 1 | 0.02% |
| Carbon Monoxide - Charlie | 1 | 0.02% |
| Cardiac Arrest - Omega | 1 | 0.02% |
| Electrocution - Charlie | 1 | 0.02% |
| Headache - Bravo | 1 | 0.02% |
| Stroke - Alpha | 1 | 0.02% |
| ZULU - Assault | 1 | 0.02% |
| ZULU - Breathing Problem | 1 | 0.02% |
| ZULU - Overdose/Poisoning | 1 | 0.02% |

| | | |
|---|---|---|
| ZULU - Traumatic Injury | 1 | 0.02% |
| TOTAL | **6114** | **100%** |

| **Patient Age Range** | **Male** | **% Male** | **Female** | **% Female** | **Undetermined** | **% Undetermined** | **Total** | **% Total** |
|---|---|---|---|---|---|---|---|---|
| ImageTrend V1 | | | | | | | | |
| < 1 | 14 | 0.8% | 13 | 0.7% | 0 | 0.0% | 27 | 0.7% |
| 1-10 | 9 | 0.5% | 7 | 0.4% | 0 | 0.0% | 16 | 0.4% |
| 11-20 | 34 | 1.9% | 38 | 2.1% | 0 | 0.0% | 72 | 2.0% |
| 21 - 30 | 78 | 4.4% | 70 | 3.9% | 0 | 0.0% | 148 | 4.1% |
| 31 - 40 | 73 | 4.1% | 49 | 2.7% | 0 | 0.0% | 122 | 3.4% |
| 41 - 50 | 78 | 4.4% | 65 | 3.6% | 2 | 25.0% | 145 | 4.0% |
| 51 - 60 | 122 | 6.8% | 134 | 7.4% | 0 | 0.0% | 256 | 7.1% |
| 61 - 70 | 139 | 7.8% | 143 | 7.9% | 1 | 12.5% | 283 | 7.8% |
| 71 - 80 | 127 | 7.1% | 140 | 7.7% | 1 | 12.5% | 268 | 7.4% |
| 81 - 90 | 89 | 5.0% | 115 | 6.3% | 1 | 12.5% | 205 | 5.7% |
| 91 - 100 | 15 | 0.8% | 31 | 1.7% | 1 | 12.5% | 47 | 1.3% |
| > 100 | 0 | 0.0% | 1 | 0.1% | 0 | 0.0% | 1 | 0.0% |
| Subtotal | 778 | 43.6% | 806 | 44.4% | 6 | 75.0% | 1590 | 44.1% |
| ImageTrend V2 | | | | | | | | |
| 1-9 | 11 | 0.6% | 15 | 0.8% | 0 | 0.0% | 26 | 0.7% |
| 10-19 | 53 | 3.0% | 39 | 2.1% | 0 | 0.0% | 92 | 2.5% |
| 20-29 | 81 | 4.5% | 85 | 4.7% | 0 | 0.0% | 166 | 4.6% |
| 30-39 | 91 | 5.1% | 75 | 4.1% | 0 | 0.0% | 166 | 4.6% |
| 40-49 | 86 | 4.8% | 87 | 4.8% | 0 | 0.0% | 173 | 4.8% |
| 50-59 | 203 | 11.4% | 162 | 8.9% | 2 | 25.0% | 367 | 10.2% |
| 60-69 | 191 | 10.7% | 186 | 10.3% | 0 | 0.0% | 377 | 10.4% |
| 70-79 | 157 | 8.8% | 184 | 10.1% | 0 | 0.0% | 341 | 9.5% |
| 80-89 | 113 | 6.3% | 141 | 7.8% | 0 | 0.0% | 254 | 7.0% |
| 90-99 | 22 | 1.2% | 34 | 1.9% | 0 | 0.0% | 56 | 1.6% |
| Subtotal | 1008 | 56.4% | 1008 | 55.6% | 2 | 25.0% | 2018 | 55.9% |
| **Total** | **1786** | **100%** | **1814** | **100%** | **8** | **100%** | **3608** | **100%** |

# Kingman Fire Department
## Cardiac Arrest Performance Template
## Form 711.0D
## Date: 1//1/17 to 11/7/17

| | |
|---|---|
| Cardiac Arrest Calls: | 44 |
| Cardiac Arrest – Cardiac Event: | 35 |
| Cardiac Arrest – Trauma Event: | 5 |
| Resuscitations Attempted: | 24 |

| CA Event, Witnessed | | | |
|---|---|---|---|
| | Group Total | 11 | |
| | Resuscitations Attempted | 10 | |
| | Bystander CPR | 9 | **ROSC** |
| Initial Rhythm | Asystole | 3 | 0 |
| | VF/VT | 4 | 0 |
| | Other Rhythm | 4 | 3 |
| | ROSC for Group | 3 | |
| | ROSC % for Group | 27.27% | |

| CA Event, Not Witnessed | | | |
|---|---|---|---|
| | Group Total | 30 | |
| | Resuscitations Attempted | 11 | |
| | Bystander CPR | 5 | **ROSC** |
| Initial Rhythm | Asystole | 27 | 0 |
| | VF/VT | 1 | 0 |
| | Other Rhythm | 1 | 0 |
| | ROSC for Group | 0 | |
| | ROSC % for Group | 0% | |

| CA Event, Witnessed by EMS | | | |
|---|---|---|---|
| | Group Total | 3 | |
| | Resuscitations Attempted | 3 | |
| | Bystander CPR | 0 | **ROSC** |
| Initial Rhythm | Asystole | 1 | 0 |
| | VF/VT | 1 | 0 |
| | Other Rhythm | 1 | 0 |
| | ROSC for Group | 0 | |
| | ROSC % for Group | 0% | |

| | | |
|---|---|---|
| Public Access Defibrillator (AED) | 0 | % |
| AED Available | 4 | % |
| AED Used | 4 | % |
| AED ROSC | 0 | 0% |

| | |
|---|---|
| Attempted Resuscitations | 24 |
| Cardiac Arrest with ROSC: | 12.5% |
| Non-traumatic Cardiac Arrest with ROSC: | 0% |
| Cardiac Arrest with Bystander CPR preformed: | 31.81% |

ROSC = Return of Spontaneous Circulation

CA = Cardiac Arrest

PAD = Public Access Defibrillator

AED = Automated External Defibrillator

## Rapid Response Vehicle

| SQ2 by Calls by Category | Incidents | % |
|---|---|---|
| EMS | 504 | 97% |
| Fire | 16 | 3% |
| **TOTAL** | **520** | **100%** |

| SQ2 EMS by Risk | Incidents | % |
|---|---|---|
| High | 369 | 73% |
| Moderate | 118 | 24% |
| Low | 17 | 3% |
| **TOTAL** | **504** | **100%** |

| SQ2 EMS by District | Incidents | % |
|---|---|---|
| 21 | 18 | 4% |
| 22 | 93 | 18% |
| 23 | 179 | 36% |
| 24 | 21 | 4% |
| 25 | 3 | 1% |
| 22A | 139 | 28% |
| 22B | 21 | 4% |
| 23A | 24 | 5% |
| 23B | 3 | 1% |
| Out of District | 3 | 1% |
| **TOTAL** | **504** | **100%** |

| SQ2 EMS-90th Percentile Times-Baseline Performance | | Agency Benchmark | 2017 | Reliability | % Comp |
|---|---|---|---|---|---|
| Alarm Handling | Pickup to Dispatch | 1:30 | 2:30 | 90% | 56% |
| Turnout Time | Turnout Time 1st Unit | 1:00 | 0:41 | 90% | 98% |
| Travel Time | Travel Time 1st Unit Distribution | 4:00 | 6:54 | 90% | 49% |
| Total Response Time | Total Response 1st Unit on Scene | 8:00 | 9:14 | 90% | 82% |

## Fire Services

The Kingman Fire Department had a total of **1,296** Fire calls for service in 2017. Fire calls **decreased** by **4%** from 2016.

Fire calls are categorized by risk using the following criteria:

- High = Structure Fire Commercial, Structure Fire Residential
- Moderate = Vehicle Fire Commercial
- Low = Brush Fire, Dumpster Fire, Vehicle Fire Passenger, all other Fire call types
-

| All Fire by Risk | Incidents | % |
|---|---|---|
| High | 63 | 5% |
| Moderate | 10 | 1% |
| Low | 1223 | 94% |
| **TOTAL** | **1296** | **100%** |

**28%** of all Fire calls for service were for **public assists** followed by **commercial fire alarms** at **11%**.

| 2017 Fire Incidents | Incident Total | % of Total |
|---|---|---|
| FD Public Assist | 361 | 28% |
| FD Alarm Commercial | 139 | 11% |
| FD Smoke Investigation | 135 | 10% |
| FD Burn Permit | 108 | 8% |
| FD Brush Fire | 97 | 7% |
| FD Station Move Up | 93 | 7% |
| FD Alarm Residential | 90 | 7% |
| FD Assist Other Agency | 55 | 4% |
| FD Structure Fire Residential | 48 | 4% |
| FD Mutual Aid | 27 | 2% |
| FD Power Line Hazard | 27 | 2% |
| FD Vehicle Fire Passenger | 26 | 2% |
| FD Special Assignment | 22 | 2% |
| FD Dumpster Fire | 20 | 2% |
| FD Pest Abatement | 20 | 2% |
| FD Structure Fire Commercial | 15 | 1% |
| FD Vehicle Fire Commercial | 10 | 1% |
| FD Alarm Elevator | 2 | 0% |
| FD Bomb Scare | 1 | 0% |
| **TOTAL** | **1296** | **100%** |

| 2017 Planning Zones by Fire District | Total Number of Fire Planning Zones | Total number of incidents | Structure Fires | Population | Target Hazards | Average Travel Time 1st Arriving unit |
|---|---|---|---|---|---|---|
| Fire District 21 | 8 | 1010 | 3 | 2240 | 0 | 8:02 |
| Fire District 22 | 16 | 2797 | 5 | 14026 | 52 | 7:19 |
| Fire District 23 | 15 | 2309 | 6 | 10818 | 71 | 8:27 |
| Fire District 24 | 10 | 1172 | 3 | 8957 | 4 | 9:14 |

## Communications Center Services

The Kingman 9-1-1 Communications Center is a division of the Kingman Fire Department. User agencies include Kingman Police Department, Kingman Fire Department, Northern Arizona Consolidated Fire District, Golden Valley Fire District, Lake Mohave Ranchos Fire District, Pinion Pine Fire District, and Pine Lake Fire District.
The Communications Center is a consolidated center, providing law enforcement, fire services, and medical calltaking and dispatching within Mohave County, Arizona.

| CFS By Agency | 2017 | % | Police | EMS | Fire | HAZMAT | Tech Rescue | Other |
|---|---|---|---|---|---|---|---|---|
| Kingman Police | 40,973 | 73.04% | 40973 | - | - | - | - | - |
| Kingman Fire | 7,511 | 13.39% | - | 6114 | 1296 | 82 | 2 | 17 |
| NACFD | 4,131 | 7.36% | - | 3279 | 806 | 41 | 2 | 3 |
| Golden Valley | 2,189 | 3.90% | - | 1759 | 418 | 11 | - | 1 |
| Lake Mohave Ranchos | 814 | 1.45% | - | 661 | 145 | 4 | - | 4 |
| Pinion Pine | 448 | 0.80% | - | 300 | 129 | 6 | - | 13 |
| Pine Lake | 28 | 0.05% | - | 21 | 7 | - | - | - |
| **TOTAL** | **56,094** | **100.00%** | **40,973** | **12,134** | **2,801** | **144** | **4** | **38** |

A staff of four (4) Communications Center Supervisors and eleven (11) Public Safety Telecommunicators processed **56,094** calls for service for all agencies. Total calls increased by **2%** over 2016.

| Calls for Service by Category | 2017 | 2016 | Variance YoY | % +/- |
|---|---|---|---|---|
| Police | 40,973 | 40,213 | 760 | 2% |
| EMS | 12,134 | 11,340 | 794 | 7% |
| Fire | 2,801 | 3,030 | -229 | -8% |
| HAZMAT | 144 | 95 | 49 | 34% |
| Tech Rescue | 4 | 7 | -3 | -75% |
| Other | 38 | 104 | -66 | -174% |
| **TOTAL** | **56,094** | **54,789** | **1,305** | **2%** |

The Kingman 9-1-1 Communications Center implemented the International Academies of Emergency Dispatch **Medical Priority Dispatch Systems** (MPDS) protocols in late 2016. 2017 marked the first full year of data and analysis. All **agency medical responses decreased by 9%** from 2016, while overall medical responses by all agencies including River Medical Third Party Ambulance Service increased by 7%. The use of MPDS protocols identified low acuity incidents that were diverted to an ambulance only response thereby increasing availability of agency apparatuses to respond to higher risk medical calls.

| Ambulance Only Calls by Agency | 2017 | 2016 | Variance YoY | % +/- |
|---|---|---|---|---|
| Agency EMS Responses | 9998 | 10877 | -879 | -9% |

| | | | | |
|---|---|---|---|---|
| Kingman AMR | 1290 | 302 | 988 | 77% |
| NACFD AMR | 785 | 153 | 632 | 81% |
| Pinion Pine AMR | 61 | 8 | 53 | 87% |
| **TOTAL** | **12134** | **11340** | **794** | **7%** |

Based on National Fire Protection Association (NFPA) Standards, Kingman 9-1-1 Communications Center's performance in 2017 was as follows:

| **Standards Compliance All Agencies** | **Benchmark** | **Reliability** | **Baseline** | **Compliance %** |
|---|---|---|---|---|
| 9-1-1 Call Answering | 0:10 | 95% | 0:10 | 96% |
| NFPA 1710 | 1:30 | 90% | 3:30 | 33% |
| NFPA 1221 7.4.2 | 1:04 | 90% | 3:23 | 15% |
| NFPA 1221 7.4.2 | 1:46 | 95% | 3:23 | 54% |
| NFPA 1221 7.4.2.2 | 1:30 | 90% | 3:35 | 28% |
| NFPA 1221 7.4.2.2 | 2:00 | 99% | 3:35 | 49% |

**Kingman Fire Department** calls had the lowest Alarm Handling time from call received to call dispatched of **3 minutes 18 seconds 90% of the time** followed by NACFD with 3 minutes and 32 seconds 90% of the time.

| **Alarm Handling by Agency** | **Incidents** | **Handling Time** | **Dispatch Time** | **Alarm Handling** | **Compliance %** |
|---|---|---|---|---|---|
| Kingman Fire | 6535 | 2:48 | 0:50 | 3:18 | 32% |
| NACFD | 3585 | 2:51 | 0:57 | 3:32 | 26% |
| Golden Valley Fire | 1868 | 2:55 | 1:00 | 3:37 | 32% |
| Lake Mohave Ranchos | 777 | 3:07 | 2:15 | 5:14 | 28% |
| Pinion Pine Fire | 362 | 3:09 | 1:21 | 4:04 | 28% |
| Pine Lake Fire | 13 | 2:42 | 1:04 | 3:42 | 15% |
| **TOTAL** | **13140** | **2:51** | **0:56** | **3:32** | **30%** |

Communications Center Shift 3, working 0600 to 1600 Thursday through Saturday had the highest Alarm Handling compliance percentage at 34% compared to all staff compliance of 30%.

| Alarm Handling by Shift All Agencies | Incidents | Handling Time | Dispatch Time | Alarm Handling | Compliance % |
|---|---|---|---|---|---|
| Shift 1 - Days Sun-Tues | 2935 | 2:50 | 0:55 | 3:28 | 31% |
| Shift 2 - Nights Sun-Tues | 2765 | 2:54 | 0:59 | 3:37 | 26% |
| Combined Wednesdays | 2005 | 2:52 | 0:57 | 3:28 | 31% |
| Shift 3 - Days Thur-Sat | 2694 | 2:52 | 0:51 | 3:28 | 34% |
| Shift 4 - Nights Thur-Sat | 2741 | 2:48 | 1:03 | 3:38 | 28% |
| **TOTAL** | **13140** | **2:51** | **0:56** | **3:32** | **30%** |

| Alarm Handling by Day of Week ALL Fire Agencies | Incidents | Handling Time | Dispatch Time | Alarm Handling | Compliance % |
|---|---|---|---|---|---|
| Sunday | 1838 | 2:52 | 0:56 | **3:31** | **27%** |
| Monday | 1974 | 2:52 | 0:57 | **3:36** | **28%** |
| Tuesday | 1888 | 2:50 | 0:56 | **3:32** | **31%** |
| Wednesday | 2005 | 2:52 | 0:57 | **3:28** | **31%** |
| Thursday | 1836 | 2:53 | 0:55 | **3:34** | **31%** |
| Friday | 1809 | 2:53 | 0:52 | **3:37** | **31%** |
| Saturday | 1790 | 2:45 | 1:03 | **3:31** | **31%** |
| **TOTAL** | **13140** | **2:51** | **0:56** | **3:32** | **30%** |

| Alarm Handling by Hour All Agencies | Incidents | Handling Time | Dispatch Time | Alarm Handling | Compliance % |
|---|---|---|---|---|---|
| 0 | 370 | 3:06 | 1:04 | **3:56** | **28%** |
| 1 | 289 | 2:44 | 1:02 | **3:32** | **24%** |
| 2 | 274 | 3:11 | 0:44 | **3:33** | **30%** |
| 3 | 265 | 2:53 | 0:47 | **3:28** | **23%** |
| 4 | 238 | 2:49 | 0:55 | **3:28** | **24%** |
| 5 | 281 | 2:48 | 0:47 | **3:16** | **24%** |
| 6 | 342 | 2:36 | 0:49 | **3:16** | **33%** |
| 7 | 463 | 2:58 | 0:56 | **3:42** | **30%** |
| 8 | 556 | 2:48 | 0:50 | **3:23** | **31%** |
| 9 | 610 | 2:53 | 0:49 | **3:30** | **30%** |
| 10 | 689 | 2:54 | 0:55 | **3:29** | **32%** |
| 11 | 764 | 2:52 | 0:54 | **3:32** | **33%** |
| 12 | 757 | 2:50 | 0:50 | **3:27** | **35%** |
| 13 | 754 | 2:45 | 0:55 | **3:23** | **33%** |
| 14 | 731 | 2:56 | 0:52 | **3:29** | **37%** |

| | | | | | |
|---|---|---|---|---|---|
| 15 | 755 | 2:38 | 0:56 | **3:25** | **32%** |
| 16 | 732 | 2:59 | 1:03 | **3:44** | **28%** |
| 17 | 778 | 2:48 | 1:06 | **3:31** | **30%** |
| 18 | 783 | 2:46 | 1:05 | **3:41** | **29%** |
| 19 | 732 | 2:49 | 1:04 | **3:32** | **27%** |
| 20 | 625 | 2:51 | 1:11 | **3:48** | **29%** |
| 21 | 494 | 2:49 | 0:55 | **3:37** | **26%** |
| 22 | 479 | 2:49 | 0:58 | **3:38** | **25%** |
| 23 | 379 | 2:53 | 0:56 | **3:47** | **26%** |
| **TOTAL** | **13140** | **2:51** | **0:56** | **3:32** | **30%** |

In August, 2017, the Communications Center implemented Pre-Alert (Zulu) Dispatching to address the high Alarm Handling time associated with MPDS protocols and ProQA software.
The Alarm Handling time for the **Zulu Dispatching period** was **2 minutes 36 seconds** with compliance to the 1 minute 30 second benchmark of **56%.**

| **Zulu Dispatch Alarm Handling All Agencies** | **Incident** | **Handling Time** | **Dispatch Time** | **Alarm Handling** | **Compliance %** |
|---|---|---|---|---|---|
| August | 1103 | 2:14 | 0:53 | 2:50 | 45% |
| September | 1085 | 1:55 | 0:55 | 2:29 | 59% |
| October | 1136 | 1:58 | 0:52 | 2:36 | 58% |
| November | 1062 | 1:56 | 0:46 | 2:30 | 61% |
| December | 1105 | 2:01 | 0:44 | 2:30 | 60% |
| **TOTAL** | **5491** | **2:01** | **0:50** | **2:36** | **56%** |

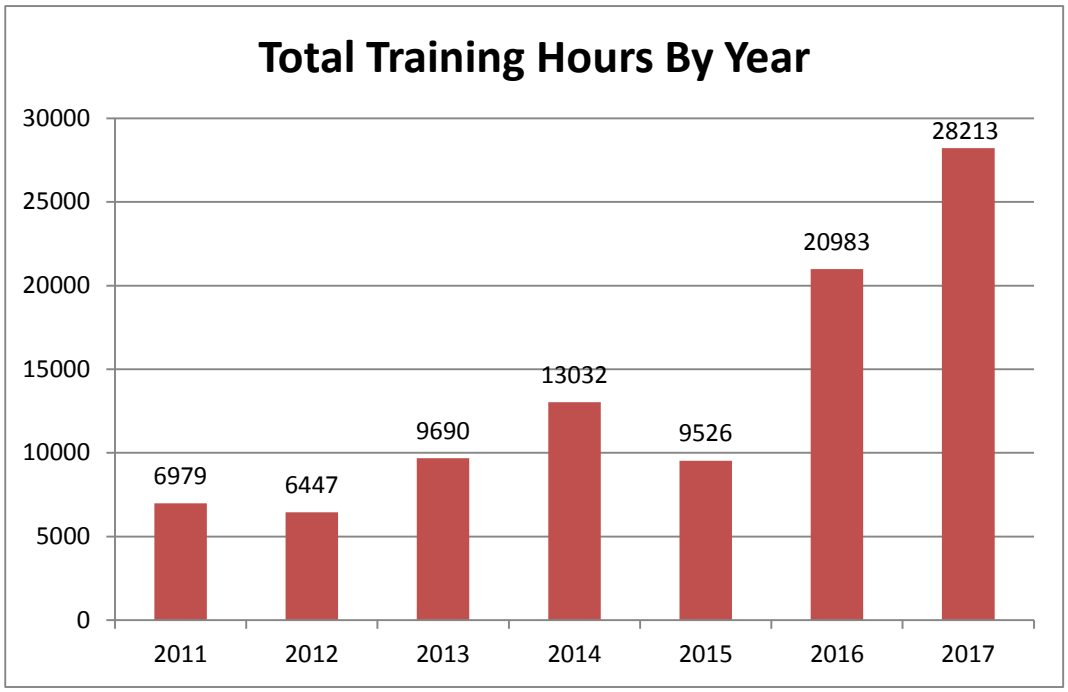
The Alarm Handling time for the **Pre-Zulu period** was **4 minutes** with compliance to the 1 minute 30 second benchmark of **11%**.

| **Zulu Dispatch Alarm Handling All Agencies** | **Incident** | **Handling Time** | **Dispatch Time** | **Alarm Handling** | **Compliance %** |
|---|---|---|---|---|---|
| January | 1078 | 3:17 | 1:01 | 4:00 | 9% |
| February | 908 | 3:30 | 1:00 | 4:11 | 7% |
| March | 1027 | 3:33 | 0:55 | 4:08 | 8% |
| April | 1034 | 3:18 | 0:53 | 3:52 | 12% |
| May | 1203 | 3:08 | 1:08 | 4:05 | 13% |
| June | 1208 | 2:56 | 1:07 | 3:45 | 16% |
| July | 1191 | 2:56 | 1:05 | 3:50 | 11% |
| **TOTAL** | **7649** | **3:14** | **1:02** | **4:00** | **11%** |

## Training

| Training Hours by Year | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | **2017** |
|---|---|---|---|---|---|---|---|
| **Total Training Hours** | 6979 | 6447 | 9690 | 13032 | 9526 | 20983 | **28213** |

| **2017 Training Hours by Category** | **Hours** | **%** |
|---|---|---|
| Administrative | 2114 | 8.1% |
| Career Development | 3367 | 12.8% |
| Daily | 14754 | 56.3% |
| EMS | 1944 | 7.4% |
| Fire | 3968 | 15.1% |
| HAZMAT | 14 | 0.1% |
| Rescue | 54 | 0.2% |
| **TOTAL** | **26213** | **100.0%** |



## Risk Assessment Scorecard

The total number of incidents regardless of risk category, high, moderate, or low; the total number of structure fires, population density; total number of target hazards; and the 1st unit response time. Each category is assigned a score with a maximum of five points available yielding a total risk of 25 for the zone with the highest risk potential.

***Total Number of Incidents*** + ***Total Structure Fires*** + ***Population*** + ***Total Number of Target Hazards*** + ***1st Unit Response Time*** = ***Risk Assessment Score***

| **Fire Planning Zone Risk Assessment Scorecard** | Total Number of Incidents Score | Total Structure Fires Score | Population Score | Total Number of Target Hazards | 1st Unit Response Time Score | Total Risk Assessment Score |
|---|---|---|---|---|---|---|
| 21N_16W Sec18 | 5 | 5 | 5 | 3 | 2.5 | 20.5 |
| 21N_16W Sec7 | 5 | 4.5 | 2.5 | 5 | 0.5 | 17.5 |
| 21N_16W Sec6 | 3.5 | 3.5 | 3.5 | 2.5 | 2.5 | 15.5 |
| 21N_16W Sec21 | 0.5 | 1 | 9 | 0.5 | 3.5 | 14.5 |
| 21N_17W Sec12 | 3 | 2.5 | 1.5 | 2.5 | 3 | 12.5 |
| 21N_16W Sec19 | 2.5 | 2.5 | 2 | 2 | 3 | 12 |
| 21N_17W Sec24 | 2 | 1.5 | 1 | 5 | 2.5 | 12 |
| 21N_16W Sec8 | 2.5 | 2.5 | 2 | 0.5 | 3 | 10.5 |
| 21N_17W Sec23 | 1.5 | 1.5 | 1 | 3 | 3.5 | 10.5 |
| 22N_16W Sec30 | 0.5 | 0.5 | 5 | 0.5 | 2.5 | 9 |
| 21N_16W Sec5 | 1 | 1 | 1 | 1.5 | 3 | 7.5 |
| 21N_16W Sec11 | 0.5 | 0.5 | 0.5 | 0.5 | 5 | 7 |
| 21N_16W Sec13 | 0.5 | 0.5 | 0.5 | 0.5 | 5 | 7 |
| 21N_17W Sec13 | 2.5 | 0.5 | 1 | 0.5 | 2.5 | 7 |
| 22N_16W Sec31 | 1 | 0.5 | 2 | 0.5 | 3 | 7 |

| | | | | | | |
|---|---|---|---|---|---|---|
| 21N_16W Sec15 | 0.5 | 0.5 | 1.5 | 0.5 | 3.5 | 6.5 |
| 21N_16W Sec20 | 1 | 1 | 1 | 1 | 2.5 | 6.5 |
| 21N_17W Sec1 | 1 | 0.5 | 1.5 | 0.5 | 3 | 6.5 |
| 21N_16W Sec14 | 0.5 | 0.5 | 0.5 | 0.5 | 4 | 6 |
| 21N_16W Sec17 | 0.5 | 1 | 1 | 0.5 | 3 | 6 |
| 21N_16W Sec3 | 0.5 | 0.5 | 0.5 | 0.5 | 4 | 6 |
| 21N_16W Sec4 | 0.5 | 0.5 | 0.5 | 1.5 | 3 | 6 |
| 21N_17W Sec22 | 0.5 | 0.5 | 0.5 | 0.5 | 4 | 6 |
| 22N_17W Sec25 | 0.5 | 0.5 | 1 | 0.5 | 3.5 | 6 |
| 21N_16W Sec10 | 0.5 | 0.5 | 0.5 | 0.5 | 3.5 | 5.5 |
| 21N_17W Sec11 | 0.5 | 0.5 | 0.5 | 0.5 | 3.5 | 5.5 |
| 21N_17W Sec14 | 0.5 | 0.5 | 0.5 | 0.5 | 3.5 | 5.5 |
| 21N_17W Sec25 | 1 | 1 | 0.5 | 0.5 | 2.5 | 5.5 |
| 22N_17W Sec24 | 0.5 | 0.5 | 0.5 | 0.5 | 3.5 | 5.5 |
| 21N_16W Sec28 | 0.5 | 0.5 | 0.5 | 0.5 | 3 | 5 |
| 21N_16W Sec29 | 0.5 | 0.5 | 0.5 | 0.5 | 3 | 5 |
| 21N_16W Sec9 | 0.5 | 0.5 | 0.5 | 0.5 | 3 | 5 |
| 22N_16W Sec19 | 0.5 | 0.5 | 0.5 | 0.5 | 3 | 5 |
| 21N_17W Sec26 | 0.5 | 1 | 0.5 | 0.5 | 0.5 | 3 |
| 21N_16W Sec1 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 2.5 |
| 21N_16W Sec12 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 2.5 |
| 21N_16W Sec2 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 2.5 |
| 21N_16W Sec22 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 2.5 |
| 21N_16W Sec23 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 2.5 |
| 21N_16W Sec26 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 2.5 |

| | | | | | | |
|---|---|---|---|---|---|---|
| 21N_16W Sec27 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 2.5 |
| 21N_16W Sec30 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 2.5 |
| 21N_17W Sec15 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 2.5 |
| 21N_17W Sec2 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 2.5 |
| 21N_17W Sec27 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 2.5 |
| 22N_17W Sec23 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 2.5 |
| 22N_17W Sec26 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 2.5 |
| 22N_17W Sec35 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 2.5 |
| 22N_17W Sec36 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 2.5 |

| | | |
|---|---|---|
| | High | 12.5-20.5 |
| | | |
| | Moderate | 7-12 |
| | | |
| | Low | 0-6.5 |

| Fire Planning Zone | Total Number of Incidents 2012-2017 | Range | Risk Assessment Score |
|---|---|---|---|
| 21N_16W Sec1 | 1 | 10 | 0.5 |
| 21N_16W Sec10 | 134 | 10 | 0.5 |
| 21N_16W Sec11 | 2 | 10 | 0.5 |
| 21N_16W Sec12 | 5 | 10 | 0.5 |
| 21N_16W Sec13 | 9 | 10 | 0.5 |
| 21N_16W Sec14 | 15 | 10 | 0.5 |
| 21N_16W Sec15 | 528 | 10 | 0.5 |
| 21N_16W Sec17 | 242 | 10 | 0.5 |
| 21N_16W Sec18 | 5480 | 1 | 5 |
| 21N_16W Sec19 | 2455 | 6 | 2.5 |
| 21N_16W Sec2 | 1 | 10 | 0.5 |
| 21N_16W Sec20 | 929 | 9 | 1 |
| 21N_16W Sec21 | 355 | 10 | 0.5 |
| 21N_16W Sec22 | 1 | 10 | 0.5 |
| 21N_16W Sec23 | 1 | 10 | 0.5 |

| | | | |
|---|---|---|---|
| 21N_16W Sec26 | 1 | 10 | 0.5 |
| 21N_16W Sec27 | 1 | 10 | 0.5 |
| 21N_16W Sec28 | 104 | 10 | 0.5 |
| 21N_16W Sec29 | 26 | 10 | 0.5 |
| 21N_16W Sec3 | 59 | 10 | 0.5 |
| 21N_16W Sec30 | 1 | 10 | 0.5 |
| 21N_16W Sec4 | 158 | 10 | 0.5 |
| 21N_16W Sec5 | 940 | 9 | 1 |
| 21N_16W Sec6 | 3796 | 4 | 3.5 |
| 21N_16W Sec7 | 5786 | 1 | 5 |
| 21N_16W Sec8 | 2517 | 6 | 2.5 |
| 21N_16W Sec9 | 190 | 10 | 0.5 |
| 21N_17W Sec1 | 973 | 9 | 1 |
| 21N_17W Sec11 | 25 | 10 | 0.5 |
| 21N_17W Sec12 | 2921 | 5 | 3 |
| 21N_17W Sec13 | 2705 | 6 | 2.5 |
| 21N_17W Sec14 | 35 | 10 | 0.5 |
| 21N_17W Sec15 | 76 | 10 | 0.5 |
| 21N_17W Sec2 | 1 | 10 | 0.5 |
| 21N_17W Sec22 | 27 | 10 | 0.5 |
| 21N_17W Sec23 | 1599 | 8 | 1.5 |
| 21N_17W Sec24 | 1801 | 7 | 2 |
| 21N_17W Sec25 | 782 | 9 | 1 |
| 21N_17W Sec26 | 459 | 10 | 0.5 |
| 21N_17W Sec27 | 0 | 10 | 0.5 |
| 22N_16W Sec19 | 39 | 10 | 0.5 |
| 22N_16W Sec30 | 119 | 10 | 0.5 |
| 22N_16W Sec31 | 663 | 9 | 1 |
| 22N_17W Sec23 | 2 | 10 | 0.5 |
| 22N_17W Sec24 | 5 | 10 | 0.5 |
| 22N_17W Sec25 | 560 | 10 | 0.5 |
| 22N_17W Sec26 | 1 | 10 | 0.5 |
| 22N_17W Sec35 | 1 | 10 | 0.5 |
| 22N_17W Sec36 | 1 | 10 | 0.5 |

| Fire Planning Zone | Total Number of Structure Fires 2012-2017 | Range# | Score |
|---|---|---|---|
| 21N_16W Sec1 | 0 | 10 | 0.5 |
| 21N_16W Sec10 | 1 | 10 | 0.5 |
| 21N_16W Sec11 | 0 | 10 | 0.5 |
| 21N_16W Sec12 | 0 | 10 | 0.5 |
| 21N_16W Sec13 | 0 | 10 | 0.5 |
| 21N_16W Sec14 | 0 | 10 | 0.5 |
| 21N_16W Sec15 | 5 | 10 | 0.5 |
| 21N_16W Sec17 | 11 | 9 | 1 |
| 21N_16W Sec18 | 78 | 1 | 5 |
| 21N_16W Sec19 | 37 | 6 | 2.5 |
| 21N_16W Sec2 | 0 | 10 | 0.5 |
| 21N_16W Sec20 | 12 | 9 | 1 |
| 21N_16W Sec21 | 12 | 9 | 1 |
| 21N_16W Sec22 | 0 | 10 | 0.5 |
| 21N_16W Sec23 | 0 | 10 | 0.5 |
| 21N_16W Sec26 | 0 | 10 | 0.5 |
| 21N_16W Sec27 | 0 | 10 | 0.5 |
| 21N_16W Sec28 | 0 | 10 | 0.5 |
| 21N_16W Sec29 | 0 | 10 | 0.5 |
| 21N_16W Sec3 | 1 | 10 | 0.5 |
| 21N_16W Sec30 | 0 | 10 | 0.5 |
| 21N_16W Sec4 | 2 | 10 | 0.5 |
| 21N_16W Sec5 | 10 | 9 | 1 |
| 21N_16W Sec6 | 54 | 4 | 3.5 |
| 21N_16W Sec7 | 69 | 2 | 4.5 |
| 21N_16W Sec8 | 38 | 6 | 2.5 |
| 21N_16W Sec9 | 3 | 10 | 0.5 |
| 21N_17W Sec1 | 7 | 10 | 0.5 |
| 21N_17W Sec11 | 0 | 10 | 0.5 |
| 21N_17W Sec12 | 33 | 6 | 2.5 |
| 21N_17W Sec13 | 6 | 10 | 0.5 |
| 21N_17W Sec14 | 0 | 10 | 0.5 |
| 21N_17W Sec15 | 0 | 10 | 0.5 |
| 21N_17W Sec2 | 0 | 10 | 0.5 |
| 21N_17W Sec22 | 0 | 10 | 0.5 |
| 21N_17W Sec23 | 21 | 8 | 1.5 |
| 21N_17W Sec24 | 21 | 8 | 1.5 |
| 21N_17W Sec25 | 14 | 9 | 1 |
| 21N_17W Sec26 | 9 | 9 | 1 |

| | | | |
|---|---|---|---|
| 21N_17W Sec27 | 0 | 10 | 0.5 |
| 22N_16W Sec19 | 0 | 10 | 0.5 |
| 22N_16W Sec30 | 1 | 10 | 0.5 |
| 22N_16W Sec31 | 4 | 10 | 0.5 |
| 22N_17W Sec23 | 0 | 10 | 0.5 |
| 22N_17W Sec24 | 0 | 10 | 0.5 |
| 22N_17W Sec25 | 3 | 10 | 0.5 |
| 22N_17W Sec26 | 0 | 10 | 0.5 |
| 22N_17W Sec35 | 0 | 10 | 0.5 |
| 22N_17W Sec36 | 0 | 10 | 0.5 |

| Fire Planning Zone | MC (Population Density) | Range# | Score |
|---|---|---|---|
| 21N_16W Sec1 | 0 | 10 | 0.5 |
| 21N_16W Sec10 | 195 | 10 | 0.5 |
| 21N_16W Sec11 | 4 | 10 | 0.5 |
| 21N_16W Sec12 | 0 | 10 | 0.5 |
| 21N_16W Sec13 | 0 | 10 | 0.5 |
| 21N_16W Sec14 | 110 | 10 | 0.5 |
| 21N_16W Sec15 | 1241 | 8 | 1.5 |
| 21N_16W Sec17 | 690 | 9 | 1 |
| 21N_16W Sec18 | 5582 | 1 | 5 |
| 21N_16W Sec19 | 1797 | 7 | 2 |
| 21N_16W Sec2 | 0 | 10 | 0.5 |
| 21N_16W Sec20 | 935 | 9 | 1 |
| 21N_16W Sec21 | 864 | 9 | 9 |
| 21N_16W Sec22 | 0 | 10 | 0.5 |
| 21N_16W Sec23 | 0 | 10 | 0.5 |
| 21N_16W Sec26 | 0 | 10 | 0.5 |
| 21N_16W Sec27 | 0 | 10 | 0.5 |
| 21N_16W Sec28 | 128 | 10 | 0.5 |
| 21N_16W Sec29 | 18 | 10 | 0.5 |
| 21N_16W Sec3 | 0 | 10 | 0.5 |
| 21N_16W Sec30 | 0 | 10 | 0.5 |
| 21N_16W Sec4 | 322 | 10 | 0.5 |
| 21N_16W Sec5 | 938 | 9 | 1 |
| 21N_16W Sec6 | 3442 | 4 | 3.5 |
| 21N_16W Sec7 | 2763 | 6 | 2.5 |
| 21N_16W Sec8 | 2068 | 7 | 2 |
| 21N_16W Sec9 | 178 | 10 | 0.5 |
| 21N_17W Sec1 | 1286 | 8 | 1.5 |
| 21N_17W Sec11 | 25 | 10 | 0.5 |

| | | | |
|---|---|---|---|
| 21N_17W Sec12 | 1306 | 8 | 1.5 |
| 21N_17W Sec13 | 812 | 9 | 1 |
| 21N_17W Sec14 | 94 | 10 | 0.5 |
| 21N_17W Sec15 | 4 | 10 | 0.5 |
| 21N_17W Sec2 | 0 | 10 | 0.5 |
| 21N_17W Sec22 | 18 | 10 | 0.5 |
| 21N_17W Sec23 | 776 | 9 | 1 |
| 21N_17W Sec24 | 908 | 9 | 1 |
| 21N_17W Sec25 | 451 | 10 | 0.5 |
| 21N_17W Sec26 | 129 | 10 | 0.5 |
| 21N_17W Sec27 | 0 | 10 | 0.5 |
| 22N_16W Sec19 | 483 | 10 | 0.5 |
| 22N_16W Sec30 | 5583 | 1 | 5 |
| 22N_16W Sec31 | 1813 | 7 | 2 |
| 22N_17W Sec23 | 0 | 10 | 0.5 |
| 22N_17W Sec24 | 21 | 10 | 0.5 |
| 22N_17W Sec25 | 883 | 9 | 1 |
| 22N_17W Sec26 | 0 | 10 | 0.5 |
| 22N_17W Sec35 | 0 | 10 | 0.5 |
| 22N_17W Sec36 | 174 | 10 | 0.5 |

| **Fire Planning Zone** | **Target Hazards** | **Range#** | **Score** |
|---|---|---|---|
| 21N_16W Sec1 | 0 | 10 | 0.5 |
| 21N_16W Sec10 | 0 | 10 | 0.5 |
| 21N_16W Sec11 | 0 | 10 | 0.5 |
| 21N_16W Sec12 | 0 | 10 | 0.5 |
| 21N_16W Sec13 | 0 | 10 | 0.5 |
| 21N_16W Sec14 | 0 | 10 | 0.5 |
| 21N_16W Sec15 | 0 | 10 | 0.5 |
| 21N_16W Sec17 | 0 | 10 | 0.5 |
| 21N_16W Sec18 | 13 | 5 | 3 |
| 21N_16W Sec19 | 8 | 7 | 2 |
| 21N_16W Sec2 | 0 | 10 | 0.5 |
| 21N_16W Sec20 | 5 | 9 | 1 |
| 21N_16W Sec21 | 0 | 10 | 0.5 |
| 21N_16W Sec22 | 0 | 10 | 0.5 |
| 21N_16W Sec23 | 0 | 10 | 0.5 |
| 21N_16W Sec26 | 0 | 10 | 0.5 |
| 21N_16W Sec27 | 0 | 10 | 0.5 |
| 21N_16W Sec28 | 0 | 10 | 0.5 |
| 21N_16W Sec29 | 0 | 10 | 0.5 |

| | | | |
|---|---|---|---|
| 21N_16W Sec3 | 2 | 10 | 0.5 |
| 21N_16W Sec30 | 0 | 10 | 0.5 |
| 21N_16W Sec4 | 6 | 8 | 1.5 |
| 21N_16W Sec5 | 6 | 8 | 1.5 |
| 21N_16W Sec6 | 12 | 6 | 2.5 |
| 21N_16W Sec7 | 23 | 1 | 5 |
| 21N_16W Sec8 | 1 | 10 | 0.5 |
| 21N_16W Sec9 | 0 | 10 | 0.5 |
| 21N_17W Sec1 | 0 | 10 | 0.5 |
| 21N_17W Sec11 | 0 | 10 | 0.5 |
| 21N_17W Sec12 | 10 | 6 | 2.5 |
| 21N_17W Sec13 | 2 | 10 | 0.5 |
| 21N_17W Sec14 | 0 | 10 | 0.5 |
| 21N_17W Sec15 | 0 | 10 | 0.5 |
| 21N_17W Sec2 | 0 | 10 | 0.5 |
| 21N_17W Sec22 | 0 | 10 | 0.5 |
| 21N_17W Sec23 | 13 | 5 | 3 |
| 21N_17W Sec24 | 22 | 1 | 5 |
| 21N_17W Sec25 | 0 | 10 | 0.5 |
| 21N_17W Sec26 | 0 | 10 | 0.5 |
| 21N_17W Sec27 | 0 | 10 | 0.5 |
| 22N_16W Sec19 | 0 | 10 | 0.5 |
| 22N_16W Sec30 | 2 | 10 | 0.5 |
| 22N_16W Sec31 | 0 | 10 | 0.5 |
| 22N_17W Sec23 | 0 | 10 | 0.5 |
| 22N_17W Sec24 | 1 | 10 | 0.5 |
| 22N_17W Sec25 | 1 | 10 | 0.5 |
| 22N_17W Sec26 | 0 | 10 | 0.5 |
| 22N_17W Sec35 | 0 | 10 | 0.5 |
| 22N_17W Sec36 | 0 | 10 | 0.5 |

| **Fire Planning Zone** | **2017 Travel Time 1st Unit** | **Fractile Response (Seconds)** | **Range#** | **Score** |
|---|---|---|---|---|
| 21N_16W Sec1 | - | 0 | 10 | 0.5 |
| 21N_16W Sec2 | 8:54 | 534 | 4 | 3.5 |
| 21N_16W Sec3 | 13:13 | 793 | 1 | 5 |
| 21N_16W Sec4 | - | 0 | 10 | 0.5 |
| 21N_16W Sec5 | 12:31 | 751 | 1 | 5 |
| 21N_16W Sec6 | 10:13 | 613 | 3 | 4 |
| 21N_16W Sec7 | 8:15 | 495 | 4 | 3.5 |

| | | | | |
|---|---|---|---|---|
| 21N_16W Sec8 | 7:12 | 432 | 5 | 3 |
| 21N_16W Sec9 | 6:09 | 368 | 6 | 2.5 |
| 21N_16W Sec10 | 4:37 | 448 | 5 | 3 |
| 21N_16W Sec11 | - | 0 | 10 | 0.5 |
| 21N_16W Sec12 | 5:36 | 336 | 6 | 2.5 |
| 21N_16W Sec13 | 8:02 | 482 | 4 | 3.5 |
| 21N_16W Sec14 | - | 0 | 10 | 0.5 |
| 21N_16W Sec15 | - | 0 | 10 | 0.5 |
| 21N_16W Sec16 | - | 0 | 10 | 0.5 |
| 21N_16W Sec17 | - | 0 | 10 | 0.5 |
| 21N_16W Sec18 | 6:51 | 411 | 5 | 3 |
| 21N_16W Sec19 | 7:31 | 451 | 5 | 3 |
| 21N_16W Sec20 | 10:18 | 618 | 3 | 4 |
| 21N_16W Sec21 | | 0 | 10 | 0.5 |
| 21N_16W Sec22 | 7:31 | 451 | 5 | 3 |
| 21N_16W Sec23 | 7:53 | 473 | 5 | 3 |
| 21N_16W Sec26 | 6:07 | 367 | 6 | 2.5 |
| 21N_16W Sec27 | - | 0 | 10 | 0.5 |
| 21N_16W Sec28 | 6:53 | 413 | 5 | 3 |
| 21N_16W Sec29 | 7:49 | 469 | 5 | 3 |
| 21N_16W Sec30 | 6:49 | 409 | 5 | 3 |
| 21N_17W Sec1 | 8:55 | 535 | 4 | 3.5 |
| 21N_17W Sec2 | 7:45 | 465 | 5 | 3 |
| 21N_17W Sec11 | 6:08 | 368 | 6 | 2.5 |
| 21N_17W Sec12 | 8:55 | 535 | 4 | 3.5 |
| 21N_17W Sec13 | - | 0 | 10 | 0.5 |
| 21N_17W Sec14 | - | 0 | 10 | 0.5 |
| 21N_17W Sec15 | 10:03 | 603 | 3 | 4 |
| 21N_17W Sec22 | 8:18 | 498 | 4 | 3.5 |
| 21N_17W Sec23 | 5:19 | 319 | 6 | 2.5 |
| 21N_17W Sec24 | 6:29 | 389 | 6 | 2.5 |
| 21N_17W Sec25 | - | 0 | 10 | 0.5 |
| 21N_17W Sec26 | - | 0 | 10 | 0.5 |
| 21N_17W Sec27 | 7:28 | 448 | 5 | 3 |
| 22N_16W Sec19 | 6:13 | 373 | 6 | 2.5 |
| 22N_16W Sec30 | 6:42 | 402 | 5 | 3 |
| 22N_16W Sec31 | - | 0 | 10 | 0.5 |
| 22N_17W Sec23 | 9:07 | 547 | 4 | 3.5 |
| 22N_17W Sec24 | 8:26 | 506 | 4 | 3.5 |
| 22N_17W Sec25 | - | 0 | 10 | 0.5 |
| 22N_17W Sec26 | - | 0 | 10 | 0.5 |

| | | | | |
|---|---|---|---|---|
| 22N_17W Sec35 | - | 0 | 10 | 0.5 |

## Target Hazards

| Property Value/Loss | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
|---|---|---|---|---|---|---|
| Total Property Value | $2,355,464 | $1,345,395 | $2,419,733 | $17,108,976 | $2,112,200 | $2,623,207 |
| Total Property Loss | $183,488 | $ 589,949 | $386,030 | $1,086,378 | $777,595 | $342,922 |
| Total Property Save | $2,171,976 | $ 755,446 | $2,033,703 | $16,022,598 | $1,334,605 | $2,280,285 |
| Percent (%) Loss | 7.79% | 43.85% | 15.95% | 6.35% | 36.81% | 13.07% |
| Percent (%) Saved | 92.21% | 56.15% | 84.05% | 93.65% | 63.19% | 86.93% |

| Target Hazard Analysis | Target Hazard Score |
|---|---|
| Low Risk | 40 or Above |
| Moderate Risk | 30-40 |
| High Risk | Below 30 |
| Special Risk | Specific |

| Target Hazard Highest Risk | Address | Fire District | Target Hazard Score | Planning Zone |
|---|---|---|---|---|
| ADOT Administration | 3660 Andy Devine | 2A | 61 | 21N 16W Sec4 |
| ADOT Construction | 3664 Andy Devine | 2A | 61 | 21N 16W Sec4 |
| ADOT Highway Maintenance | 3650 Andy Devine | 2A | 61 | 21N 16W Sec4 |
| ADOT Sign Shop Traffic Signals | 3660 Andy Devine | 2A | 61 | 21N 16W Sec4 |
| ADOT Vehicle Maintenance | 3540 E Andy Dev | 2A | 61 | 21N 16W Sec4 |
| Cok Powerhouse | 120 W Andy Devi | 1 | 55 | 21N 17W Sec24 |
| Kingman Regional Medical Center | 3269 Stockton Hill | 3 | 65 | 21N 16W Sec7 |
| Kingman Regional Hualapai | 3801 Santa Rosa | 2B | 60 | 21N 16W Sec9 |
| Lingenfelter Behavioral Health | 1099 Sunrise | 2A | 60 | 21N 16W Sec18 |
| Mohave County Courthouse | 401 Spring Street | 1 | 57 | 21N 17W Sec 24 |
| Mohave County Jail | 501 Highway 66 | 2B | 60 | 21N 17W Sec23 |
| Rebel Oil Company Inc | 1105 Topeka | 1 | 60 | 21N 16W Sec19 |
| Western Area Power Administrator | 3875 Hualapai | 4 | 75 | 21N 16W Sec22 |

| Target Hazard Name | Address | Fire District | Planning Zone | Target Hazard Score |
|---|---|---|---|---|
| ADOT Administration | 3660 Andy Devine | 2A | 21N 16W Sec4 | 61 |
| ADOT Construction | 3664 Andy Devine | 2A | 21N 16W Sec4 | 61 |
| ADOT Highway Maintenance | 3650 Andy Devine | 2A | 21N 16W Sec4 | 66 |
| ADOT Motor Vehicle Division | 3670 Andy Devine | 2A | 21N 16W Sec4 | 40 |
| ADOT Sign Shop Traffic Office | 3660 Andy Devine | 2A | 21N 16W Sec4 | 65 |
| ADOT Vehicle Maintenance | 3540 Andy Devine | 2A | 21N 16W Sec4 | 50 |
| Art Hubb LLC. | 402 E Beale Street | 1 | 21N 17W Sec24 | 40 |
| AT&T | 501 N Third Street | 1 | 21N 17W Sec24 | 42 |
| Beale Hotel | 325 Andy Devine | 1 | 21N 17W Sec24 | 46 |
| Beale Street Theater | 304 E Beale Street | 1 | 21N 17W Sec24 | 55 |
| COK Attorney/911 Center | 429 E Beale Street | 1 | 21N 17W Sec24 | 56 |
| COK Courthouse | 219 4th Street | 1 | 21N 17W Sec24 | 61 |
| COK Engineering | 220 N 4th Street | 1 | 21N 17W Sec24 | 53 |
| COK Powerhouse | 120 Andy Devine | 1 | 21N 17W Sec24 | 59 |
| Da Vi Nails | 3396 Stockton Hill | 3 | 21N 16W Sec7 | 57 |
| El Palacio | 401 E Andy Devi | 1 | 21N 17W Sec24 | 43 |
| Fir street Convenience Bank | 3396 Stockton Hill | 3 | 21N 16W Sec7 | 57 |
| Floyd Company Wood Fired Pizza | 418 E Beale Street | 1 | 21N 17W Sec24 | 50 |
| Frontier Communications | 415 Andy Devine | 1 | 21N 17W Sec24 | 59 |
| Garibaldis | 311 Andy Devine | 1 | 21N 17W Sec24 | 42 |
| Hotel Brunswick | 315 Andy Devine | 1 | 21N 17W Sec24 | 40 |
| KRMC | 3269 Stockton H | 3 | 21N 16W Sec7 | 75 |
| KRMC Hualapai Campus | 3801 Santa Rosa | 2B | 21N 16W Sec9 | 58 |
| Lingenfelter Behavioral Health | 1099 Sunrise Av | 2A | 21N 16W Sec18 | 48 |
| Masonic Temple #22 | 212 Fourth Street | 1 | 21N 17W Sec24 | 66 |
| McDonalds Walmart | 3396 Stockton Hill | 3 | 21N 16W Sec7 | 57 |
| Mohave County Administration | 700 Beale Street | 1 | 21N 17W Sec23 | 53 |
| Mohave County Courthouse | 401 Spring Street | 1 | 21N 17W Sec 24 | 62 |
| Mohave County Jail | 501 W Highway 6 | 2B | 21N 17W Sec23 | 77 |
| Mohave County Sheriff Office | 600 Beale Street | 1 | 21N 17W Sec23 | 59 |

| | | | | |
|---|---|---|---|---|
| Mohave Museum Of History | 400 Beale Street | 1 | 21N 17W Sec24 | 57 |
| Old Elks Building | 301 Oak Street | 1 | 21N 17W Sec24 | 54 |
| Old Town Vape | 405 E Andy Devi | 1 | 21N 17W Sec24 | 43 |
| Rebel Oil Company Inc. | 1105 Topeka | 1 | 21N 16W Sec19 | 52 |
| Rednecks Southern Pit BBQ | 420 E Beale Street | 1 | 21N 17W Sec24 | 39 |
| Root Outlet | 213 E Beale Street | 1 | 21N 17W Sec24 | 48 |
| Texmo Bulk Plant | 2950 E Andy Dev | 2A | 21N 16W Sec8 | 54 |
| The Cellar Door Wine Bar | 414 E Beale Street | 1 | 21N 17W Sec24 | 39 |
| The Farmhouse | 108 Fourth Street | 1 | 21N 17W Sec24 | 46 |
| The Home Depot | 3860 Stockton H | 3A | 21N 16W Sec6 | 47 |
| The Sportsman Club | 317 E Andy Devi | 1 | 21N 17W Sec24 | 53 |
| True North Yoga | 410 E Beale Street | 1 | 21N 17W Sec24 | 35 |
| Unisource - Casson Substation | 2198 Airway | 2 | 21N 16W Sec7 | 50 |
| Unisource - Eastern Substation | 3525 Windsor | 4 | 21N 16W Sec9 | 53 |
| Unisource - Kingman Substation | 180 Andy Devine | 1 | 21N 17W Sec24 | 55 |
| United States Post Office Hilltop | 1901 Johnson | 2 | 21N 16W Sec19 | 48 |
| Unisource - Casson Substation | 2198 Airway | 2 | 21N 16W Sec7 | 50 |
| Walmart Super Center | 3396 Stockton Hill | 3 | 21N 16W Sec7 | 57 |
| Western Area Power | 3875 Hualapai | 4 | 21N 16W Sec22 | 63 |
| White Wind Tiger Foundation | 409 Andy Devine | 1 | 21N 17W Sec24 | 52 |

| **Schools** | **Address** | **Fire District** | **Target Hazard Score** | **Planning Zone** |
|---|---|---|---|---|
| KAOL Administration | 3410 N Burbank | 2 | 24 | 21N 16W Sec7 |
| KAOL High School | 3420 N Burbank | 2A | 38 | 21N 16W Sec7 |
| KAOL Intermediate | 3419 Harrison | 2A | 43 | 21N 16W Sec7 |
| KAOL Middle School | 3269 Harrison | 2A | 47 | 21N 16W Sec7 |
| KAOL Primary School | 3400 N Burbank | 3 | 38 | 21N 16W Sec7 |
| KAOL Transportation | 2299 Beverly | 2A | 29 | 21N 16W Sec7 |
| KUSD Central Kitchen | 3174 Rutherford | 2 | 32 | 21N 16W |

| | | | | |
|---|---|---|---|---|
| | | | | Sec7 |
| KUSD Desert Willow Elementary | 3700 Prospector | 5 | 36 | 21N 16W Sec3 |
| KUSD District Office | 3033 MacDonald | 2A | 39 | 21N 16W Sec7 |
| KUSD Facility Maintenance | 3121 MacDonald | 2A | 27 | 21N 16W Sec7 |
| KUSD Hualapai Elementary School | 350 Eastern Street | 4 | 54 | 21N 16W Sec20 |
| KUSD Kingman Middle School | 1969 Detroit | 2A | 47 | 21N 16W Sec7 |
| KUSD Lee Williams High School | 400 Grandview | 1 | 39 | 21N 17W Sec23 |
| KUSD Manzanita Elementary | 2601 Detroit | 2A | 60 | 21N 16W Sec7 |
| KUSD Pass Pals | 690 Spring Street | 1 | 33 | 21N 17W Sec23 |
| KUSD White Cliffs Middle School | 3550 Prospector | 2B | 36 | 21N 16W Sec3 |
| Emmanuel Christian Academy | 3120 Hualapai | 4 | 45 | 21N 16W Sec20 |
| AZVA Kingman Hybrid LLC | 2475 Beverly | 2A | 34 | 21N 16W Sec7 |
| MCC Detroit Avenue Center | 1801 Detroit | 2A | 27 | 21N 16W Sec18 |

| **Churches** | **Address** | **Fire District** | **Target Hazard Score** | **Planning Zone** |
|---|---|---|---|---|
| Abundant Life Church | 1212 Stockton Hill | 2 | 33 | 21N 16W Sec18 |
| Calvary Chapel | 500 Stowell | 1 | 26 | 21N 17W Sec23 |
| Canyon Community Church | 3270 N. Harvard | 3 | 48 | 21N 17W Sec12 |
| Church of Christ | 1915 Robinson | 2 | 46 | 21N 16W Sec18 |
| Church of The Nazarene | 4715 Stockton Hill | 3A | 45 | 22N 16W Sec30 |
| First Assembly of God | 1850 Gates | 2 | 50 | 21N 16W Sec18 |
| First Southern Baptist Church | 3120 Hualapai M | 4 | 47 | 21N 16W Sec20 |
| Generation Church | 3130 Gordon | 3A | 36 | 21N 16W Sec8 |
| Good Shepherd Lutheran Church | 3958 Bank Street | 3 | 42 | 21N 16W Sec5 |
| Grace Lutheran Church | 2101 Harrison | 2 | 38 | 21N 16W |

| | | | | |
|---|---|---|---|---|
| | | | | Sec6 |
| Hilltop Four Square Church | 2215 Emerson | 4 | 36 | 21N 16W Sec19 |
| Journey Church Worship Center | 3782 Bank Street | 3 | 40 | 21N 16W Sec6 |
| Kingdom Of God | 4798 Stockton Hill | 3A | 36 | 22N 17W Sec25 |
| Kingman Christian Church | 2830 Gordon | 3A | 45 | 21N 17W Sec6 |
| Kingman Presbyterian Church | 2425 Detroit | 2A | 33 | 21N 16W Sec7 |
| Living Faith Assembly of God | 4605 Arnold Road | 3A | 28 | 22N 16W Sec30 |
| Oak St. Baptist Church | 605 Oak ST | 1 | 45 | 21N 17W Sec24 |
| Masjid E Ibrahim | 2075 Airway | 3 | 45 | 21N 16W Sec6 |
| Praise Chapel | 419 Harrison | 4 | 44 | 21N 16W Sec19 |
| St. Johns United Methodist | 1730 Kino Avenue | 3 | 52 | 21N 16W Sec6 |
| St Mary's Adoration Chapel | 309 E Spring | 1 | 39 | 21N 17W Sec24 |
| St Mary's Church | 301 E Spring | 1 | 37 | 21N 17W Sec24 |
| St. Michael Church | 711 EAndy Devine | 1 | 33 | 21N 17W Sec24 |
| LDS Church | 3180 Rutherford | 2A | 47 | 21N 16W Sec7 |
| LDS Eastern Ward Stake Center | 610 Eastern Street | 4 | 32 | 21N 16W Sec20 |
| Manzanita Baptist Church | 2040 Golden Gate | 2 | 44 | 21N 16W Sec18 |

| **Pre-Schools / Daycares** | **Address** | **Fire District** | **Target Hazard Score** | **Planning Zone** |
|---|---|---|---|---|
| Building Block Preschool | 2040 Golden Gat | 2 | 44 | 21N 16W Sec18 |
| Little Brick School House | 2302 Lillie | 4 | 19 | 21N 15W Sec19 |
| The Lily Pad Day Care Center | 3131 Western | 2A | 42 | 21N 16W Sec18 |
| KRMC Daycare-Little Minnows | 3348 Western | 3 | 34 | 21N 16W Sec7 |
| Grace Neal Pre-School | 1730 Kino Avenue | 3 | 26 | 21N 16W SEC6 |
| Grace Lutheran Preschool | 2101 Harrison | 2 | 38 | 21N 16W Sec6 |

| | | | | |
|---|---|---|---|---|
| WACOG Brian Myer Head Start | 601 Van Buren | 4 | 31 | 21N 16W Sec19 |
| WACOG Hubbs House Head Start | 421 Golconda | 1 | 34 | 21N 17W Sec24 |
| KUSD Boys & Girls Club | 301 N First Street | 1 | 48 | 21N 17W Sec23 |
| KUSD Palo Christi Elementary | 500 Maple Street | 1 | 52 | 21N 17W Sec24 |
| Rise DTA | 1737 Hillcrest | 3 | 28 | 21N 16W Sec6 |

| Government | Address | Fire District | Target Hazard Score | Planning Zone |
|---|---|---|---|---|
| Arizona Department of Public Safety | 2319 Andy Devine | 2 | 38 | 21N 16W Sec7 |
| Arizona Des | 519 E Beale Street | 1 | 39 | 21N 17W Sec24 |
| Arizona Des Multi Service Center | 301 Pine Street | 1 | 29 | 21N 17W Sec24 |
| Arizona Game & Fish Department | 5325 Stockton Hill | 3A | 36 | 22N 17W Sec24 |
| Bureau Of Land Management | 2755 Mission | 4 | 26 | 21N 16W Sec19 |
| Mohave County Annex Facility | 770 W Beale | 1 | 22 | 21N 17W Sec23 |
| Mohave County Attorney's Office | 315 N 4th Street | 1 | 36 | 21N 17W Sec24 |
| Mohave County Criminal Justice | 316 N Fifth Street | 1 | 40 | 21N 17W Sec24 |
| Mohave County Democratic Center | 212 N Fifth Street | 1 | 38 | 21N 17W Sec24 |
| Mohave County Development | 3250 Kino Avenue | 3 | 28 | 21N 16W Sec5 |
| Mohave County Fairgrounds | 2600 Fairground | 2A | 60 | 21N 16W Sec7 |
| Mohave County Fleet Maintenance | 3675 Andy Devine | 2A | 26 | 21N 16W Sec5 |
| Mohave County Juvenile Detention | 300 Andy Devine | 1 | 37 | 21N 17W Sec 23 |
| Mohave County Justice Court | 524 Beale Street | 1 | 30 | 21N 17W Sec23 |
| Mohave County Legal Defenders | 313 Pine Street | 1 | 31 | 21N 17W Sec24 |

| | | | | |
|---|---|---|---|---|
| Mohave County Nutrition Center | 1776 Airway | 3 | 43 | 21N 16W Sec7 |
| Mohave County Old Jail | 415 Pine Street | 1 | 17 | 21N 17W Sec24 |
| Mohave County Probation | 809 E Beale | 1 | 49 | 21N 17W Sec24 |
| Mohave County Public Defenders | 318 N Fifth Street | 1 | 29 | 21N 17W Sec24 |
| Mohave County Public Library | 3269 N Burbank | 3 | 24 | 21N 16W SEC7 |
| Mohave County Public Works | 3715 Sunshine | 3 | 28 | 21N 16W Sec5 |
| Mohave County Storage Building | 524 W Beale | 1 | 31 | 21N 17W Sec23 |
| Mohave County Recorders Office | 802 E Beale | 1 | 15 | 21N 17W Sec24 |
| Mohave County Sheriff Office | 600 W Beale | 1 | 44 | 21N 17W Sec23 |
| Mohave County Superior Court | 127 E Beale | 1 | 32 | 21N 17W Sec24 |
| Mohave County U Of A Extension | 101 E Beale | 1 | 26 | 21N 17W Sec24 |
| Mohave County Veteran Affairs | 2301 Harrison | 2 | 25 | 21N 16W Sec18 |
| Mohave County Victims Witness | 325 Pine Street | 1 | 33 | 21N 17W Sec24 |
| United States Post Office Downtown | 229 Andy Devine | 1 | 31 | 21N 17W Sec24 |
| United States Post Office Hilltop | 1901 Johnson | 2 | 45 | 21N 16W Sec19 |
| VA - Community Outpatient Clinic | 2668 Hualapai | 4 | 31 | 21N 16W Sec19 |

| Skilled Nursing/Assisted Living Facilities | **Address** | **Fire District** | **Target Hazard Score** | **Planning Zone** |
|---|---|---|---|---|
| Amy Neal Retirement Center | 3700 Western | 3 | 35 | 21N 16W Sec6 |
| Desert Highlands Care Center | 1081 Kathleen | 2A | 38 | 21N 17W Sec13 |
| Diana's Place Assisted Living | 1025 Sunrise | 2 | 27 | 21N 17W Sec12 |
| Helens House | 1025 Sunrise | 2A | 34 | 21N 17W Sec12 |

| | | | | |
|---|---|---|---|---|
| KRMC Joan And Diane Hospice | 812 Airway | 3 | 32 | 21N 17W Sec12 |
| Lingenfelter Behavioral Health | 1099 Sunrise A | 2A | 60 | 21N 16W Sec18 |
| Mohave Mental Health Calumet | 1091 Calumet | 3 | 31 | 21N 17W Sec12 |
| Mohave Mental Health | 1080 Sheldon | 3 | 31 | 21N 17W Sec12 |
| Potter House | 3996 Lindsey | 3 | 38 | 21N 16W Sec6 |
| Sunshine Assisted Living | 1815 Airfield | 2A | 41 | 21N 16W Sec18 |
| The Gardens Assisted Living | 1031 Detroit | 2A | 35 | 21N 16W Sec18 |
| The Gardens Care Center | 3131 Western | 2A | 42 | 21N 16W Sec18 |
| West Care | 3780 Steel | 3 | 29 | 21N 16W Sec6 |
| White Cliffs Senior Living | 3600 Peterson | 3 | 42 | 21N 17W Sec12 |
| White Oaks Assisted Living | 3862 N Melody | 3 | 44 | 21N 16W Sec5 |
| La Bella Assisted Living | 1721 Palo Verde | 3A | 36 | 21N 16W Sec6 |

| Multi Family Occupancies | **Address** | **Fire District** | **Target Hazard Score** | **Planning Zone** |
|---|---|---|---|---|
| Arcadia Lodge | 909 Andy Devine | 1 | 43 | 21N 17W Sec24 |
| Centennial Parkview Apartments | 3350 Harrison | 2A | 43 | 21N 16W Sec18 |
| Chaparral Apartments | 980 Kenwood | 3 | 38 | 21N 17W Sec12 |
| Cimarron Apartments | 1050 Beverly | 3 | 39 | 21N 12W Sec12 |
| Copper Ridge Apartments | 3050 Hualapai | 4 | 36 | 21N 16W Sec20 |
| Harrison Haven Complex | 3338 Harrison | 2A | 44 | 21N 16W Sec7 |
| Kingman Heights Apartments | 1020 Detroit | 2A | 30 | 21N 16W Sec7 |
| Kingman Place Apartments | 1227 Fort Beale | 1 | 31 | 21N 17W Sec23 |
| Kingman Station Apartments | 1212 Andy Devine | 1 | 44 | 21N 16W Sec19 |
| Mohave Garden Apartments | 1074 Sycamore | 3 | 40 | 21N 17W Sec12 |

| | | | | |
|---|---|---|---|---|
| Skyline Apartments/Rv Park | 3801 Andy Devine | 2 | 39 | 21N 16W Sec5 |
| Somerset Villas Apartments | 3150 Harrison | 2A | 39 | 21N 16W Sec7 |
| The Cottages Senior Living | 1075 Kenwood | 3 | 42 | 21N 17W Sec13 |
| Tivoli Heights Apartments | 3170&80 Harrison | 2A | 34 | 21N 16W Sec7 |
| Arcadia Lodge | 909 Andy Devine | 1 | 43 | 21N 17W Sec24 |
| Centennial Parkview Apartments | 3350 Harrison | 2A | 43 | 21N 16W Sec18 |

| **Kingman Fire Department Risk Assessment Scoring Criteria** | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Risk** | **Low (0-13)** | | | **Moderate (14-49)** | | **High (50-70)** | **Extreme/Special (71+)** |
| **Water Supply** | ISO needed fire flow is available | | | Fire Hydrant Over 500' in Distance | | ISO needed fire flow is not available | No water supply is available |
| | Points=0 | | | Points=5 | | Points=7 | Points =10 |
| **Construction Type** | Type I | | Type IV | Type II | Type III | Type V | Membrane or Tent Structure |
| | Points=0 | | Points=2 | Points =3 | Points=4 | Points =5 | Points =10 |
| **AFPC Occupancy Type** | Misc. Outdoors | "Low Hazard Storage" | | Business Mercantile Storage | Assembly Educational Residential | Institutional | High Hazard Factory Aircraft Hanger |
| | Points=0 | Points=1 | | Points=4 | Points=6 | Points=8 | Points =10 |
| **Number of Floors Above Grade** | No floors above grade | 1-2 Floors above grade | | 3-5 floors above grade | 5-10 floors above grade | More than 10 floors above grade | |
| | Points=0 | Points=0 | | Points-4 | Points=5 | Points=6 | |
| **Number of** | No floors | | | 1 floor below | 2-3 floors | More than 3 | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Floors Below Grade** | below grade | | | grade | below grade | floors below grade | |
| | Points=0 | | | Points=3 | Points=4 | Points=5 | |
| **Building Height (Tires to Roof Top)** | 1-30 feet | | | 31-74 feet | 75-100 feet | More than 100 feet | |
| | Points=0 | | | Points=3 | Points=4 | Points=5 | |
| **Total Square Footage** | <10,000 sq/ft | | | 10,000-100,000 sq/ft | | >100,000 sq/ft | |
| | Points=0 | | | Points=5 | | Points=10 | |
| **Occupancy Load** | 1-10 person | Nov-50 | 51-100 persons | 101-300 person | 301-2,000 persons | 2,001-10,000 | More than 10,000 persons |
| | Points=0 | Persons | Points=3 | Points=4 | Points=5 | Persons | Points =10 |
| | | Points =2 | | | | Points=7 | |
| **Automatic Sprinkler System** | Fully Sprinklered | | | | | Partially Sprinklered | Non-sprinklered |
| | Points=0 | | | | | Points=7 | Points =10 |
| **Fire Alarm System** | Monitored fire alarm system | | | Local alarm | | No fire alarm system | |
| | Points=0 | | | Points=3 | | Points=5 | |
| **Special Hazards** | None | Low | | Ordinary | | | High |
| | Points=0 | Points=1 | | Points=5 | | | Points =10 |
| **Mobility of Occupants** | Building is not occupied | All Occupants are ambulatory | | | Slow or Delayed Evacuation | Less than 5 occupants are not ambulatory | More than 5 occupants are non-ambulatory |
| | Points=0 | Points=1 | | | Points=5 | Points=7 | Points =10 |
| **Terrorist Target** | No Risk | | | Little Risk | | | High Risk |
| | Points=0 | | | Points=5 | | | Points =10 |
| **Impact on Community** | | | | | | | |
| | Points=0 | Points =1 | Points=2 | Points =3 | Points=5 | Points=7 | Points =10 |

## Critical Task Analysis

| **High Risk Fire – Fire Suppression Commercial Structure / Residential Structure** | | |
|---|---|---|
| Critical Task | Minimum Personnel | Effective Response Force Deployment |
| Size Up / Incident Command | 1 | Residential Fire |
| Driver / Pump Operator | 1 | Initial Assignment: 4 Engines, 1 Battalion Chief, 1 Ambulance |
| Water Supply / Hydrant | 1 | Commercial, Industrial, Multi-Family Residential, |
| Fire Attack | 2 | Initial Assignment: 3 Engines, 1 Ladder, 1 Battalion Chief, |
| Search and Rescue | 2 | Command Staff (as required) |
| Ventilation | 2 | |
| Rapid Intervention Team | 2 | |
| Backup Line / 2 Out | 2 | |
| Total | 13 | |
| Incident Safety officer | Command Staff | |
| Other ICS Positions / Functions | Command Staff | |
| Medical | Medic Unit (AMR) | |

| **Moderate Risk Fire– Fire Suppression Commercial Vehicle Fires** | | |
|---|---|---|
| Critical Task | Minimum Personnel | Effective Response Force Deployment |
| Size Up / Incident Command | 1 | Commercial Vehicle Fire |
| Driver / Pump Operator | 1 | Initial Assignment: 2 Engines, 1 Battalion Chief |
| Water Supply / Hydrant | 1 | Command Staff (as required) |
| Fire Attack / Investigation | 2 | |
| Search and Rescue | 2 | |
| Total | 7 | |
| Incident Safety officer | Command Staff | |
| Medical / Transport | Medic Unit (AMR) | |

| **Low Risk Fire– Fire Suppression** | | |
|---|---|---|
| **Brush, Dumpster Passenger Vehicle Fires** | | |
| *Critical Task* | *Minimum Personnel* | *Effective Response Force Deployment* |
| *Size Up / Incident Command* | *1* | *Brush, Dumpster Passenger Vehicle Fire* |
| *Driver / Pump Operator* | *1* | *Initial Assignment: 1 Engine* |
| *Fire Attack / Investigation* | *1* | *Command Staff (as required)* |
| *Total* | *3* | |
| *Incident Safety officer* | *Command Staff* | |
| *Medical / Transport* | *Medic Unit (AMR)* | |

| **High Risk Emergency Medical Services– Advanced Life Support** | | |
|---|---|---|
| **Charlie, Delta, and Echo Medical Emergencies** | | |
| Critical Task | Minimum Personnel | Effective Response Force Deployment |
| Size Up / Incident Command | 1 | Charlie, Delta, and Echo Medical Emergencies |
| Triage | 1 | Initial Assignment: 1 Engine |
| Patient Care / Treatment | 1 | Command Staff (as required) |
| Total | 3 | |
| Incident Safety Officer | Command Staff | |
| Medical / Transport | Medic Unit (AMR) | |

| **Moderate Risk Emergency Medical Services– Advanced Life Support** | | |
|---|---|---|
| **Bravo Medical Emergencies** | | |
| Critical Task | Minimum Personnel | Effective Response Force Deployment |
| Size Up / Incident Command | 1 | Bravo Medical Emergencies |
| Triage | 1 | Initial Assignment: 1 Engine |
| Patient Care / Treatment | 1 | |
| Total | 3 | |

| | | |
|---|---|---|
| Incident Safety officer | Command Staff | |
| Medical / Transport | Medic Unit (AMR) | |

| **Low Risk Emergency Medical Services– Basic Life Support** | | |
|---|---|---|
| **Alpha and Omega Medical Emergencies** | | |
| Critical Task | Minimum Personnel | Effective Response Force Deployment |
| Size Up / Incident Command | 1 | Bravo Medical Emergencies |
| Triage | 1 | Initial Assignment: 1 Engine |
| Patient Care / Treatment | 1 | |
| Total | 3 | |
| Incident Safety officer | Command Staff | |
| Medical / Transport | Medic Unit (AMR) | |

| **High Risk Emergency Medical Services– Advanced Life Support** | | |
|---|---|---|
| **Motor Vehicle Accidents with Extrication** | | |
| Critical Task | Minimum Personnel | Effective Response Force Deployment |
| Size Up / Incident Command | 1 | Bravo Medical Emergencies |
| Driver / Pump Operator | 1 | Initial Assignment: 1 Engine, 1 Rescue, 1 Battalion Chief |
| Triage | 1 | |
| Patient Care / Treatment / Packaging | 2 | |
| Vehicle Extrication | 2 | |
| Total | 7 | Command Staff (as required) |
| Incident Safety officer | Command Staff | |
| Medical / Transport | Medic Unit (AMR) | |
| | | |

| **High Risk Hazardous Materials – Incident Mitigation** | | |
|---|---|---|
| **Hazardous Materials Release / Hazardous Materials Incident** | | |
| Critical Task | Minimum Personnel | Effective Response Force Deployment |
| Size Up / Incident Command | 1 | Hazardous Materials Incident |
| Entry Team 1 / Entry Team 2 | 2 | Initial Assignment: 2 Engines, 1 Haz Mat, 1 Battalion Chief |
| Recon Team | 2 | Command Staff (as required) |
| Backup Team | 2 | |
| Research / Technical | 1 | |
| Decontamination Team | 2 | |
| Total | 10 | |
| Incident Safety officer | Command Staff | |
| Other ICS Positions / Functions | Command Staff | |
| Medical | Medic Unit (AMR) | |

| **Moderate Risk Hazardous Materials – Incident Mitigation** | | |
|---|---|---|
| **Fuel Spill > 25 Gal / Gas Leak** | | |
| Critical Task | Minimum Personnel | Effective Response Force Deployment |
| Size Up / Incident Command | 1 | Hazardous Materials Fuel Spill > 25 Gal / Gas Leak |
| Recon Team / Mitigation | 2 | Initial Assignment: 1 Engine, 1 Haz Mat, 1 Battalion Chief, 1 Ambulance |
| Decontamination Team | 2 | Command Staff (as required) |
| Backup Team | 2 | |
| Total | 7 | |
| Incident Safety officer | Command Staff | |
| Other ICS Positions / Functions | Command Staff | |
| Medical | Medic Unit (AMR) | |

| **Low Risk Hazardous Materials – Incident Mitigation Fuel Spill < 25 Gal** | | |
|---|---|---|
| Critical Task | Minimum Personnel | Effective Response Force Deployment |
| Size Up / Incident Command | 1 | Hazardous Materials Fuel Spill < 25 Gal |
| Recon Team / Mitigation | 2 | Initial Assignment: 1 Engine, 1 Battalion Chief, 1 Ambulance |
| Driver / Pump Operator | 1 | |
| Total | 4 | Command Staff (as required) |
| Incident Safety officer | Command Staff | |
| Other ICS Positions / Functions | Command Staff | |
| Medical | Medic Unit (AMR) | |

| **High Risk Technical Rescue – Incident Mitigation Technical Rescue Incident** | | |
|---|---|---|
| Critical Task | Minimum Personnel | Effective Response Force Deployment |
| Size Up / Incident Command | 1 | Technical Rescue Incident |
| Patient Care | 2 | Initial Assignment: 2 Engines, 1 Rescue, 1 Battalion Chief, 1 Ambulance |
| Technical Rescue Team | 2 | Command Staff (as required) |
| Technical Rescue Additional | 2 | |
| Technical Rescue Awareness | 3 | |
| Total | 10 | |
| Incident Safety officer | Command Staff | |
| Other ICS Positions / Functions | Command Staff | |
| Medical | Medic Unit (AMR) | |

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