

FORT LAUDERDALE FIRE RESCUE
COMMUNITY RISK AND STANDARDS OF COVER

response is required; requesting additional resources; and providing basic life support to any victim without endangering response personnel.

For 90 percent of all low risk- two ARFF rescue incidents, the total response time for the arrival of the effective response force (ERF), staffed with eight (8) firefighters is 12 minutes and 39 seconds in metro and urban areas. The effective response force (ERF) is capable of establishing patient contact; staging and apparatus set up; providing technical expertise, initiating fire attack, knowledge, skills and abilities during ARFF rescue incidents and providing medical support.

In the years of 2015-2019, FLFR did not respond to enough moderate or high ARFF incidents to efficiently evaluate.

The effective response force (ERF) for specialty teams is greatly affected by the fact that specialty units are add-on units. One engine may be dispatched to the call and once it is determined to be a specialty response, the first on scene unit may call for the additional units which greatly affects the overall response time of the ERF.

In summary, FLFR baseline performance has been as follows when compared to the BASELINE objectives:

Table 50 Low Risk Fire Suppression Baseline Performance vs Objective

Suppression Low Risk Fires 90th Percentile Times		2015	2016	2017	2018	2019	Baseline Objective
Call Processing	Pick-up to Dispatch	<u>1:50</u> (n= 519)	<u>1:34</u> (n= 515)	<u>1:32</u> (n= 527)	<u>1:27</u> (n=483)	<u>1:35</u> (n=452)	1:00
Turnout Time	Turnout Time 1st Unit	<u>2:35</u> (n=519)	<u>2:45</u> (n=515)	<u>2:14</u> (n=527)	<u>2:14</u> (n=483)	<u>2:21</u> (n=452)	1:20
Travel Time	Travel Time 1st Due Distribution	<u>5:39</u> (n=519)	<u>5:48</u> (n=515)	<u>6:21</u> (n=527)	<u>6:07</u> (n= 483)	<u>6:20</u> (n=452)	4:00
	Travel Time ERF Concentration	<u>6:02</u> (n=519)	<u>6:02</u> (n=515)	<u>6:52</u> (n=527)	<u>6:32</u> (n=483)	<u>6:41</u> (n=452)	8:00
Total Response Time	Total Response Time 1st Unit on Scene Distribution	<u>7:44</u> (n=519)	<u>7:56</u> (n=515)	<u>8:30</u> (n=527)	<u>8:06</u> (n=483)	<u>8:51</u> (n=452)	6:20
	Total Response Time ERF Concentration	<u>8:07</u> (n= 519)	<u>8:05</u> (n= 515)	<u>8:48</u> (n= 527)	<u>8:23</u> (n=483)	<u>9:03</u> (n=452)	6:20

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Table 51 Moderate Risk Fire Suppression Baseline Performance vs Objective

Suppression Moderate Risk Fires 90th Percentile Times		2015	2016	2017	2018	2019	Baseline Objective
Call Processing	Pick-up to Dispatch	<u>1:03</u> (n= 27)	<u>2:18</u> (n= 22)	<u>0:53</u> (n= 17)	<u>0:55</u> (n=28)	<u>2:12</u> (n=24)	1:00
Turnout Time	Turnout Time 1st Unit	<u>2:17</u> (n= 27)	<u>2:30</u> (n= 22)	<u>1:35</u> (n=17)	<u>2:22</u> (n=28)	<u>2:04</u> (n=24)	1:20
Travel Time	Travel Time 1st Due Distribution	<u>4:35</u> (n= 27)	<u>4:50</u> (n= 22)	<u>4:11</u> (n=17)	<u>4:48</u> (n= 28)	<u>5:20</u> (n=24)	4:00
	Travel Time ERF Concentration	<u>11:37</u> (n= 27)	<u>10:02</u> (n= 22)	<u>9:19</u> (n=17)	<u>13:45</u> (n=28)	<u>11:10</u> (n=24)	8:00
Total Response Time	Total Response Time 1st Unit on Scene Distribution	<u>6:44</u> (n= 27)	<u>7:43</u> (n= 22)	<u>5:55</u> (n=17)	<u>7:05</u> (n=28)	<u>7:25</u> (n=24)	6:20
	Total Response Time ERF Concentration	<u>13:10</u> (n= 27)	<u>11:10</u> (n= 22)	<u>10:51</u> (n= 17)	<u>14:30</u> (n=28)	<u>12:26</u> (n=24)	10:20

Table 52 High/Special Risk Fire Suppression Baseline Performance vs Objective

Suppression High Risk Fires 90th Percentile Times		2015	2016	2017	2018	2019	Baseline Objective
Call Processing	Pick-up to Dispatch	<u>0:50</u> (n= 18)	<u>0:44</u> (n= 27)	<u>0:35</u> (n= 13)	<u>0:56</u> (n=17)	<u>3:33</u> (n=13)	1:00
Turnout Time	Turnout Time 1st Unit	<u>2:01</u> (n= 18)	<u>3:00</u> (n= 27)	<u>3:02</u> (n=13)	<u>2:23</u> (n=17)	<u>1:56</u> (n=13)	1:20
Travel Time	Travel Time 1st Due Distribution	<u>4:55</u> (n= 18)	<u>4:56</u> (n= 27)	<u>5:18</u> (n=13)	<u>4:00</u> (n= 17)	<u>3:36</u> (n=13)	4:00
	Travel Time ERF Concentration	<u>14:59</u> (n= 18)	<u>18:36</u> (n= 27)	<u>19:38</u> (n=13)	<u>15:06</u> (n=17)	<u>20:39</u> (n=13)	8:00
Total Response Time	Total Response Time 1st Unit on Scene Distribution	<u>5:58</u> (n= 18)	<u>6:44</u> (n= 27)	<u>6:04</u> (n=13)	<u>5:49</u> (n=17)	<u>5:35</u> (n=13)	6:20
	Total Response Time ERF Concentration	<u>15:43</u> (n= 18)	<u>19:47</u> (n= 27)	<u>20:21</u> (n= 13)	<u>16:17</u> (n=17)	<u>21:45</u> (n=13)	14:20

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Table 53 Low Risk EMS Baseline Performance vs Objective

EMS Low Risk 90th Percentile Times		2015	2016	2017	2018	2019	Baseline Objective
Call Processing	Pick-up to Dispatch	<u>1:32</u> (n=32,655)	<u>1:26</u> (n=31,300)	<u>1:23</u> (n=33,374)	<u>1:17</u> (n=33,382)	<u>1:21</u> (n=33,637)	1:00
Turnout Time	Turnout Time 1 st Unit	<u>2:27</u> (n=32,655)	<u>2:26</u> (n=31,300)	<u>2:15</u> (n=33,374)	<u>2:13</u> (n=33,382)	<u>2:26</u> (n=33,637)	1:00
Travel Time	Travel Time 1st Due Distribution	<u>5:41</u> (n=32,655)	<u>5:49</u> (n=31,300)	<u>6:06</u> (n=33,374)	<u>5:47</u> (n=33,382)	<u>5:55</u> (n=33,637)	4:00
	Travel Time ERF Concentration	<u>5:42</u> (n=32,655)	<u>5:50</u> (n=31,300)	<u>6:07</u> (n=33,374)	<u>5:48</u> (n=33,382)	<u>5:56</u> (n=33,637)	8:00
Total Response Time	Total Response Time 1st Unit on Scene Distribution	<u>7:58</u> (n=32,655)	<u>7:59</u> (n=31,300)	<u>8:06</u> (n=33,374)	<u>7:47</u> (n=33,382)	<u>8:05</u> (n=33,637)	6:00
	Total Response Time ERF Concentration	<u>7:58</u> (n=32,655)	<u>8:00</u> (n=31,300)	<u>8:08</u> (n=33,374)	<u>7:48</u> (n=33,382)	<u>8:05</u> (n=33,637)	6:00

Table 54 Moderate Risk EMS Baseline Performance vs Objective

EMS Moderate Risk 90th Percentile Times		2015	2016	2017	2018	2019	Baseline Objective
Call Processing	Pick-up to Dispatch	<u>3:41</u> (n=26)	<u>0:56</u> (n=35)	<u>2:04</u> (n=35)	<u>2:06</u> (n=40)	<u>1:41</u> (n=43)	1:00
Turnout Time	Turnout Time 1 st Unit	<u>2:51</u> (n=26)	<u>2:37</u> (n=35)	<u>2:18</u> (n=35)	<u>2:48</u> (n=40)	<u>2:35</u> (n=43)	1:00
Travel Time	Travel Time 1st Due Distribution	<u>5:11</u> (n=26)	<u>5:49</u> (n=35)	<u>5:08</u> (n=35)	<u>5:06</u> (n=40)	<u>5:59</u> (n=43)	4:00
	Travel Time ERF Concentration	<u>20:45</u> (n=26)	<u>0:00</u> (n=35)	<u>22:07</u> (n=35)	<u>16:37</u> (n=40)	<u>17:35</u> (n=43)	8:00
Total Response Time	Total Response Time 1st Unit on Scene Distribution	<u>9:43</u> (n=26)	<u>8:46</u> (n=35)	<u>7:22</u> (n=35)	<u>7:43</u> (n=40)	<u>7:19</u> (n=43)	6:00
	Total Response Time ERF Concentration	<u>23:36</u> (n=26)	<u>17:56</u> (n=35)	<u>22:57</u> (n=35)	<u>18:18</u> (n=40)	<u>20:26</u> (n=43)	8:20

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Table 55 Low Risk HazMat Baseline Performance vs Objective

Hazmat Low Risk 90th Percentile Times		2015	2016	2017	2018	2019	Baseline Objective
Call Processing	Pick-up to Dispatch	<u>1:45</u> (n=166)	<u>1:56</u> (n=161)	<u>2:18</u> (n=189)	<u>2:22</u> (n=165)	<u>1:31</u> (n=179)	1:00
Turnout Time	Turnout Time 1 st Unit	<u>2:43</u> (n=166)	<u>2:58</u> (n=161)	<u>2:21</u> (n=189)	<u>2:32</u> (n=165)	<u>2:31</u> (n=179)	1:20
Travel Time	Travel Time 1st Due Distribution	<u>7:22</u> (n=166)	<u>7:05</u> (n=161)	<u>7:19</u> (n=189)	<u>7:26</u> (n=168)	<u>7:06</u> (n=179)	4:00
	Travel Time ERF Concentration	<u>7:33</u> (n=166)	<u>7:31</u> (n=161)	<u>7:19</u> (n=189)	<u>7:29</u> (n=168)	<u>7:36</u> (n=179)	8:00
Total Response Time	Total Response Time 1st Unit on Scene Distribution	<u>10:21</u> (n=166)	<u>9:32</u> (n=161)	<u>10:27</u> (n=189)	<u>9:47</u> (n=168)	<u>9:25</u> (n=179)	6:20
	Total Response Time ERF Concentration	<u>10:27</u> (n=166)	<u>10:30</u> (n=161)	<u>10:30</u> (n=189)	<u>10:02</u> (n=168)	<u>10:26</u> (n=179)	6:20

Table 56 Moderate Risk HazMat Baseline Performance vs Objective

Hazmat Moderate Risk 90th Percentile Times		2015	2016	2017	2018	2019	Baseline Objective
Call Processing	Pick-up to Dispatch	<u>1:32</u> (n=20)	<u>1:09</u> (n=21)	<u>1:23</u> (n=18)	<u>3:43</u> (n=14)	<u>0:47</u> (n=27)	1:00
Turnout Time	Turnout Time 1 st Unit	<u>2:04</u> (n=20)	<u>2:30</u> (n=21)	<u>1:52</u> (n=18)	<u>2:41</u> (n=14)	<u>2:36</u> (n=27)	1:20
Travel Time	Travel Time 1st Due Distribution	<u>5:09</u> (n=20)	<u>5:17</u> (n=21)	<u>5:51</u> (n=18)	<u>6:04</u> (n=14)	<u>6:10</u> (n=27)	4:00
	Travel Time ERF Concentration	<u>21:23</u> (n=20)	<u>20:25</u> (n=21)	<u>16:08</u> (n=18)	<u>22:45</u> (n=14)	<u>20:22</u> (n=27)	8:00
Total Response Time	Total Response Time 1st Unit on Scene Distribution	<u>8:04</u> (n=20)	<u>8:00</u> (n=21)	<u>7:28</u> (n=18)	<u>8:53</u> (n=14)	<u>8:40</u> (n=27)	6:20
	Total Response Time ERF Concentration	<u>22:52</u> (n=20)	<u>22:34</u> (n=21)	<u>17:59</u> (n=18)	<u>23:34</u> (n=14)	<u>23:14</u> (n=27)	10:20

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Table 57 Low Risk Technical Rescue Baseline Performance vs Objective

Technical Rescue Low Risk 90th Percentile Times		2015	2016	2017	2018	2019	Baseline Objective
Call Processing	Pick-up to Dispatch	<u>3:41</u> (n=34)	<u>3:28</u> (n=21)	<u>2:04</u> (n=20)	<u>2:21</u> (n=41)	<u>1:35</u> (n=36)	1:00
Turnout Time	Turnout Time 1 st Unit	<u>2:32</u> (n=34)	<u>2:37</u> (n=21)	<u>3:21</u> (n=20)	<u>1:59</u> (n=41)	<u>2:21</u> (n=36)	1:20
Travel Time	Travel Time 1st Due Distribution	<u>5:16</u> (n=34)	<u>5:49</u> (n=21)	<u>5:08</u> (n=20)	<u>5:06</u> (n=41)	<u>6:09</u> (n=36)	4:00
	Travel Time ERF Concentration	<u>20:01</u> (n=34)	<u>16:25</u> (n=21)	<u>14:04</u> (n=20)	<u>14:28</u> (n=41)	<u>21:01</u> (n=36)	8:00
Total Response Time	Total Response Time 1st Unit on Scene Distribution	<u>9:36</u> (n=34)	<u>8:54</u> (n=21)	<u>7:21</u> (n=20)	<u>7:20</u> (n=41)	<u>7:49</u> (n=36)	6:20
	Total Response Time ERF Concentration	<u>21:00</u> (n=34)	<u>18:23</u> (n=21)	<u>15:39</u> (n=20)	<u>16:43</u> (n=41)	<u>23:34</u> (n=36)	10:20

Table 58 Moderate Risk Technical Rescue Baseline Performance vs Objective

Technical Rescue Moderate Risk 90th Percentile Times		2015	2016	2017	2018	2019	Baseline Objective
Call Processing	Pick-up to Dispatch	<u>3:12</u> (n=7)	<u>0:32</u> (n=8)	<u>2:04</u> (n=12)	<u>3:09</u> (n=21)	<u>1:41</u> (n=17)	1:00
Turnout Time	Turnout Time 1 st Unit	<u>1:47</u> (n=7)	<u>2:41</u> (n=8)	<u>2:36</u> (n=12)	<u>1:59</u> (n=21)	<u>2:46</u> (n=17)	1:20
Travel Time	Travel Time 1st Due Distribution	<u>4:31</u> (n=7)	<u>5:49</u> (n=8)	<u>5:19</u> (n=12)	<u>3:34</u> (n=21)	<u>6:34</u> (n=17)	4:00
	Travel Time ERF Concentration	<u>18:48</u> (n=7)	<u>18:46</u> (n=99)	<u>15:20</u> (n=12)	<u>16:03</u> (n=21)	<u>19:59</u> (n=17)	8:00
Total Response Time	Total Response Time 1st Unit on Scene Distribution	<u>6:39</u> (n=7)	<u>10:51</u> (n=88)	<u>7:59</u> (n=12)	<u>6:19</u> (n=21)	<u>8:45</u> (n=17)	6:20
	Total Response Time ERF Concentration	<u>19:54</u> (n=7)	<u>20:44</u> (n=8)	<u>16:43</u> (n=12)	<u>18:15</u> (n=21)	<u>21:32</u> (n=17)	10:20

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Table 59 High Risk Technical Rescue Baseline Performance vs Objective

Technical Rescue High Risk 90th Percentile Times		2015*	2016 ^Δ	2017	2018	2019	Baseline Objective
Call Processing	Pick-up to Dispatch	---	<u>0:32</u> (n=1)	<u>0:24</u> (n=2)	<u>0:23</u> (n=6)	<u>0:40</u> (n=7)	1:00
Turnout Time	Turnout Time 1 st Unit	---	<u>2:41</u> (n=1)	<u>1:34</u> (n=2)	<u>1:49</u> (n=6)	<u>1:11</u> (n=7)	1:20
Travel Time	Travel Time 1st Due Distribution	---	<u>4:03</u> (n=1)	<u>4:17</u> (n=2)	<u>2:35</u> (n=6)	<u>6:53</u> (n=7)	4:00
	Travel Time ERF Concentration	---	<u>16:47</u> (n=1)	<u>22:25</u> (n=2)	<u>15:22</u> (n=6)	<u>23:44</u> (n=7)	8:00
Total Response Time	Total Response Time 1st Unit on Scene Distribution	---	<u>7:16</u> (n=1)	<u>6:15</u> (n=2)	<u>4:55</u> (n=6)	<u>7:16</u> (n=7)	6:20
	Total Response Time ERF Concentration	---	<u>20:00</u> (n=1)	<u>23:45</u> (n=2)	<u>15:22</u> (n=6)	<u>25:45</u> (n=7)	14:20

*No observations for this period

^Δ Less than 5 observations for this period

Table 60 Low Risk Marine Rescue Baseline Performance vs Objective

Marine Rescue Low Risk 90th Percentile Times		2015	2016	2017	2018	2019	Baseline Objective
Call Processing	Pick-up to Dispatch	<u>2:12</u> (n=37)	<u>2:41</u> (n=41)	<u>3:21</u> (n=37)	<u>1:32</u> (n=30)	<u>2:34</u> (n=33)	1:00
Turnout Time	Turnout Time 1 st Unit	<u>2:54</u> (n=37)	<u>2:46</u> (n=41)	<u>2:09</u> (n=37)	<u>2:58</u> (n=30)	<u>2:40</u> (n=33)	1:20
Travel Time	Travel Time 1st Due Distribution	<u>6:52</u> (n=37)	<u>5:58</u> (n=41)	<u>6:51</u> (n=37)	<u>7:25</u> (n=30)	<u>6:50</u> (n=33)	4:00
	Travel Time ERF Concentration	<u>13:05</u> (n=37)	<u>11:15</u> (n=41)	<u>11:16</u> (n=37)	<u>10:40</u> (n=30)	<u>13:20</u> (n=33)	8:00
Total Response Time	Total Response Time 1st Unit on Scene Distribution	<u>10:31</u> (n=37)	<u>9:05</u> (n=41)	<u>9:20</u> (n=37)	<u>8:48</u> (n=30)	<u>9:50</u> (n=33)	6:20
	Total Response Time ERF Concentration	<u>15:27</u> (n=37)	<u>14:08</u> (n=41)	<u>15:22</u> (n=37)	<u>13:09</u> (n=30)	<u>17:14</u> (n=33)	10:20

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Table 61 Moderate Risk Marine Rescue Baseline Performance vs Objective

Marine Rescue Moderate Risk 90th Percentile Times		2015	2016	2017	2018	2019	Baseline Objective
Call Processing	Pick-up to Dispatch	<u>3:41</u> (n=26)	<u>0:56</u> (n=35)	<u>2:04</u> (n=35)	<u>2:06</u> (n=40)	<u>1:41</u> (n=43)	1:00
Turnout Time	Turnout Time 1 st Unit	<u>2:51</u> (n=26)	<u>2:37</u> (n=35)	<u>2:18</u> (n=35)	<u>2:48</u> (n=40)	<u>2:35</u> (n=43)	1:20
Travel Time	Travel Time 1st Due Distribution	<u>5:11</u> (n=26)	<u>5:49</u> (n=35)	<u>5:08</u> (n=35)	<u>5:06</u> (n=40)	<u>5:59</u> (n=43)	4:00
	Travel Time ERF Concentration	<u>20:45</u> (n=26)	<u>0:00</u> (n=35)	<u>22:07</u> (n=35)	<u>16:37</u> (n=40)	<u>17:35</u> (n=43)	8:00
Total Response Time	Total Response Time 1st Unit on Scene Distribution	<u>9:43</u> (n=26)	<u>8:46</u> (n=35)	<u>7:22</u> (n=35)	<u>7:43</u> (n=40)	<u>7:19</u> (n=43)	6:20
	Total Response Time ERF Concentration	<u>23:36</u> (n=26)	<u>17:56</u> (n=35)	<u>22:57</u> (n=35)	<u>18:18</u> (n=40)	<u>20:26</u> (n=43)	10:20

Table 62 Low Risk 1 ARFF Baseline Performance vs Objective

ARFF Low Risk Level 1 (ERF 2) 90th Percentile Times		2015	2016	2017	2018	2019	Baseline Objective
Call Processing	Pick-up to Dispatch	<u>00:49</u> (n=52)	<u>00:27</u> (n=57)	<u>00:31</u> (n=43)	<u>00:24</u> (n=26)	<u>00:25</u> (n=51)	1:00
Turnout Time	Turnout Time 1 st Unit	<u>1:11</u> (n=52)	<u>0:53</u> (n=57)	<u>1:03</u> (n=43)	<u>1:31</u> (n=26)	<u>1:04</u> (n=51)	1:20
Travel Time	Travel Time 1st Due Distribution	<u>3:43</u> (n=52)	<u>1:17</u> (n=57)	<u>3:34</u> (n=43)	<u>1:40</u> (n=26)	<u>3:26</u> (n=51)	4:00
	Travel Time ERF Concentration	<u>3:43</u> (n=52)	<u>1:17</u> (n=57)	<u>3:34</u> (n=43)	<u>2:09</u> (n=26)	<u>3:26</u> (n=51)	8:00
Total Response Time	Total Response Time 1st Unit on Scene Distribution	<u>5:20</u> (n=52)	<u>2:45</u> (n=57)	<u>4:00</u> (n=43)	<u>3:59</u> (n=26)	<u>4:47</u> (n=51)	6:20
	Total Response Time ERF Concentration	<u>5:20</u> (n=52)	<u>2:45</u> (n=57)	<u>4:00</u> (n=43)	<u>3:59</u> (n=26)	<u>4:47</u> (n=51)	6:20

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Table 62 Low Risk 2 ARFF Baseline Performance vs Objective

ARFF Low Risk Level 2 (ERF 8) 90th Percentile Times		2015	2016	2017	2018	2019	Baseline Objective
Call Processing	Pick-up to Dispatch	<u>7:34</u> (n=5)	<u>0:19</u> (n=8)	<u>0:25</u> (n=7)	<u>0:22</u> (n=6)	<u>0:42</u> (n=8)	1:00
Turnout Time	Turnout Time 1st Unit	<u>2:13</u> (n=5)	<u>1:16</u> (n=8)	<u>0:56</u> (n=7)	<u>1:40</u> (n=6)	<u>1:17</u> (n=8)	1:20
Travel Time	Travel Time 1st Due Distribution	<u>2:36</u> (n=5)	<u>0:03</u> (n=8)	<u>0:10</u> (n=7)	<u>1:22</u> (n=6)	<u>1:25</u> (n=8)	4:00
	Travel Time ERF Concentration	<u>11:09</u> (n=5)	<u>5:43</u> (n=8)	<u>8:53</u> (n=7)	<u>9:06</u> (n=6)	<u>11:35</u> (n=8)	8:00
Total Response Time	Total Response Time 1st Unit on Scene Distribution	<u>10:43</u> (n=5)	<u>1:35</u> (n=8)	<u>1:38</u> (n=7)	<u>3:59</u> (n=6)	<u>3:48</u> (n=8)	6:20
	Total Response Time ERF Concentration	<u>12:35</u> (n=5)	<u>6:02</u> (n=8)	<u>9:09</u> (n=7)	<u>9:54</u> (n=6)	<u>12:39</u> (n=8)	10:20

Calls based on observations (n) <10.