

COUNTY EMERGENCY MEDICAL SERVICES

CONTENTS

- **COUNTY EMS SUMMARY FORM USING PEAK SEASON
POPULATION PROJECTIONS**
 - TABLE**
 - CHART**
- **MAP - 2010 EMS STATIONS INVENTORY**
- **TABLE - 2010 EMS STATIONS INVENTORY**
- **COLLIER EMS COST PER OWNED AND SHARED STATION**
- **TABLE - COLLIER EMS EQUIPMENT REPLACEMENT COST**
- **EMS EXISTING ZONES MAP**
- **EMS RESPONSE TIMES BY ZONE FOR PERIOD 10/1/08-9/30/09**
- **ALS AGREEMENT MAPS WITH EMS ZONES**
- **CHART - EMS TRAVEL TIMES**
- **CHART - EMS CARDIAC RESUSCITATION RATES**
- **CHART - EMS PERCENTAGE OF CARDIAC ARREST POST
HOSPITAL SURVIVALS**
- **CHART - EMS PERCENTAGE OF TRANSPORTED VS. NOT
TRANSPORTED CALLS**
- **CHART- EMS NUMBER OF OUT OF ZONE RESPONSES**

2010 AUIR FACILITY SUMMARY FORM
(Peak Season)

Facility Type: *Emergency Medical Services* (Category B)

Level of Service Standard: (Approx. 1 unit/16,400 population or 0.000061/capita)*

The ALS response time goal is 8 minutes travel time 90% of the time urban and 12 minutes travel time 90% of the time rural.

Unit Cost: \$3,203,593 per new unit and \$1,816,093 per co-located unit **

	<u>Units</u>	<u>Value/Cost</u>
Available Inventory 9/30/10	24.5	\$35,475,529 ***
Required Inventory 9/30/14	27.1	\$42,602,370
Proposed AUIR FY 10/11-14/15	2	\$ 3,750,000 ****
5-Year Surplus or (Deficit)	(0.6)	\$(1,644,654)

Using the Peak Season Population method, the following is set forth:

Expenditures

AUIR FY 10/11-14/15 Deficit under current LOS	\$ 3,750,000
2002, 2005, & 2010 Bond Debt Service Payments.....	\$ 3,066,300
Total Expenditures.....	\$ 6,816,300

Revenues

Impact Fees anticipated.....	\$ 415,236
Interest.....	\$ 8,100
Carryforward (unspent cash as of September 20, 2010).....	\$ 954,000
General Fund (Loan) from County Wide Capital Projects.....	\$ 1,688,964
Total Revenues.....	\$ 3,066,300

Additional Revenues Required or Level of Service Standard Reduction...\$(3,750,000) *****

**The LOSS was changed from 1/15,000 population to 1/16,400 population along with the ALS response time goal of 8 minutes travel time countywide to 8 minutes travel time 90% of the time urban and 12 minutes travel time 90% of the time rural to take into consideration the contribution of the ALS Engine Program. These changes were approved by the BCC on 11/5/07 at the 2007 AUIR. Through the third quarter of FY 08/09 response time data reflected that this goal was accomplished 87% of the time urban and 88% of the time rural.*

The on-scene time goal for med flight is 15 minutes 85% of the time. Through the 3rd quarter FY 09/10 data indicates this objective was achieved 87.5% of the time and the goal of 100% of completed flights without a safety issue (mechanical or operational) was met 100% of the time.

A LOSS of .000029 units per capita or 1 unit/34,652 population is the Impact Fee Study level of service and the basis for the collection of impact fees, which is based on only the EMS stations owned by the County.

*** Emergency Medical Services Department Unit Values*

(1.0) Unit = 24 hour advance life support emergency ground transport unit with station/building.

(0.5) Unit = 12 hour advanced life support emergency ground transport unit using existing apparatus, staffed with overtime personnel.

Unit Cost will be adjusted, as appropriate, based upon Board adoption of the EMS Impact Fee Study update in progress.

**** Calculated based 7 owned stations, 4 co-located stations and on 13.5 units equipment only (2 stations not yet constructed are included as equipment only).*

***** Calculated based on construction costs only for stations at Vanderbilt/Logan and US 41 and Old 41. Land and equipment have already been purchased.*

****** Sources of funding for revenue deficit could include a loan from the General Fund, additional user fee categories, reduction of service level, or other sources not yet identified.*

EMS currently has 35 ambulances available for service. Two trucks scheduled for replacement in 2009 were not funded. Two more scheduled for replacement in 2010 were not funded. Two ambulances were replaced in 2010 utilizing carry forward from revenues exceeding budget in 2009. Another was replaced through a five year lease purchase. This leaves a deficiency of seven ambulances for FY11.

2010 AUIR – Emergency Medical Services

EMS has traditionally defined level of service standard as 1 unit/ 15,000 population countywide. This LOSS has evolved from a seasonal population, to permanent and then back again to seasonal. During the 2005 AUIR, the shift from permanent to weighted resulted in a deficit of available EMS units. The Board directed EMS to add four units to alleviate the deficit. During the latter part of FY06, those four units were staffed and brought on line. However, the facilities to house these units have not been constructed. Two properties have been purchased and two others have been identified for joint projects with no land cost.

During the 2007 AUIR presentation to the CCPC and Productivity Committee, there was considerable discussion to include the ALS Engines in determining level of service for EMS. EMS noted that if the response time goals were changed from 8 minutes countywide (which could never realistically be achieved because of the cost to provide sufficient coverage in the rural areas), to 8 minutes urban and 12 minutes rural, and counting ALS Engine response, the Department was very close to where it needed to be. Based on the 26.5 units then in service, the LOSS was at 1 unit/16,240 population. The outcome of this joint meeting was a recommendation that the BCC adopt the 8 minute urban/12 minute rural response time standard, in conjunction with a 1/16,400 population level of service standard. The Board subsequently adopted the 8/12 minute, 1/16,400 population LOSS at the November 2007 AUIR meeting.

During the FY09 Budget Hearing, the BCC approved the elimination of two EMS units, for a net of 24.5 units in service. The adopted LOSS of 1/16,400 is illustrated at 24.5 units available. As indicated in the chart based on the current population projection, a slight deficit begins in FY10 and increases over the next few years. The three year deficit for FY11 through FY13 may be acceptable to weather the current economic crisis. As indicated on the Summary Form, a proposed station at Vanderbilt/Logan and US 41 and Old 41 would be two of the stations proposed through FY14-15.

2010 AUIR
(Peak Season)

EMS UNITS

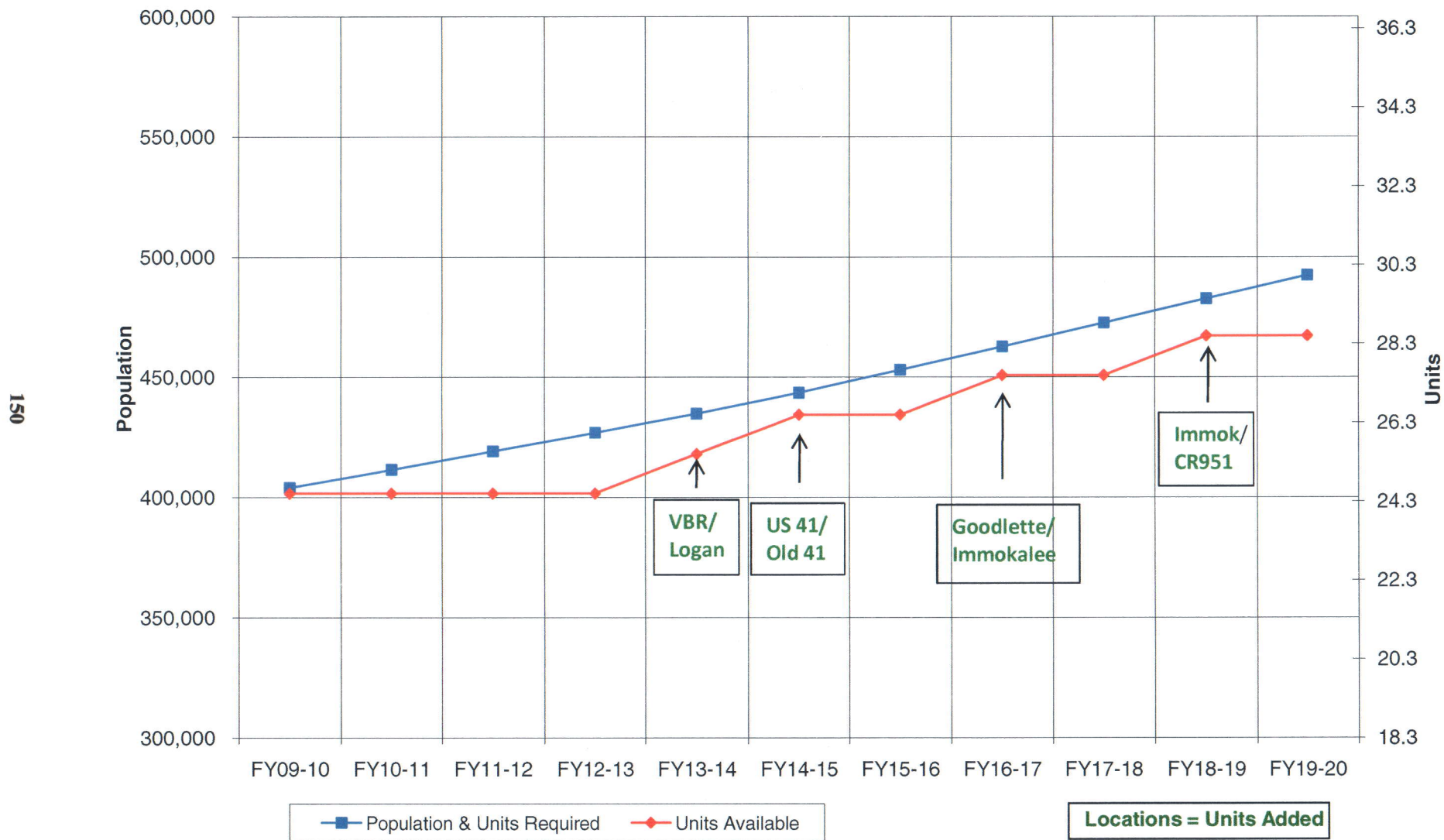
LOSS: 1 Unit / 16,400 Population (0.000061)

LOSS of 1 Unit/16,400 Population reflects an 8 minute response time for Urban and 12 minute for Rural and factors in ALS Engine response.

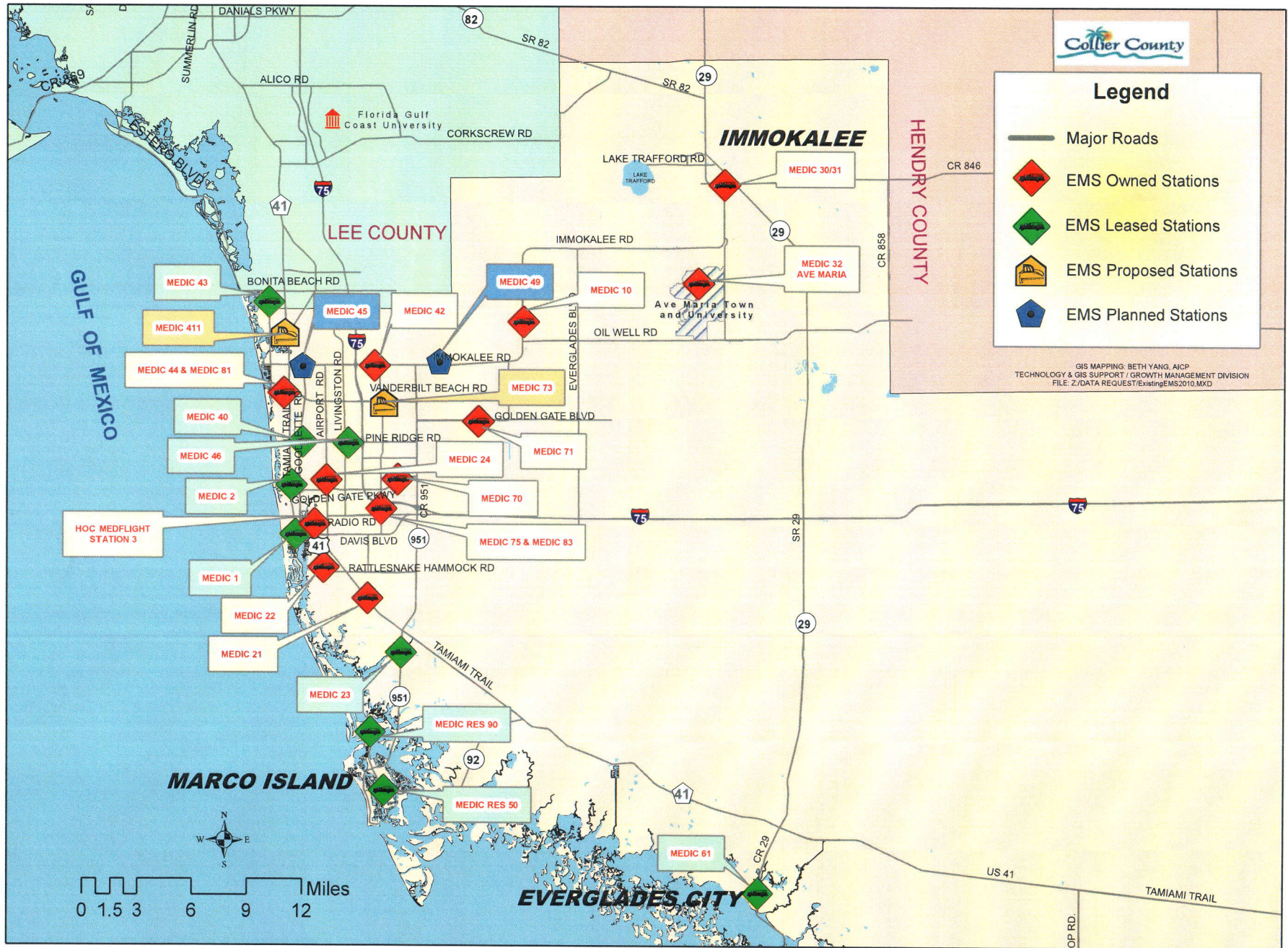
FISCAL YEAR	POPULATION CO-WIDE	EMS UNITS REQUIRED 0.000061	EMS UNITS PLANNED AUIR	EMS UNITS AVAILABLE**	SURPLUS/ (DEFICIENCY)	VALUE OR (COST) SURPLUS(DEFICIENCY)* \$2,741,093
2009-10	404,032	24.6	0	24.5	(0.1)	(\$274,109)
2010-11	411,524	25.1	0	24.5	(0.6)	(\$1,644,656)
2011-12	419,155	25.6	0	24.5	(1.1)	(\$3,015,202)
2012-13	426,928	26.0	0	24.5	(1.5)	(\$4,111,640)
2013-14	434,845	26.5	1	25.5	(1.0)	(\$2,741,093)
2014-15	443,531	27.1	1	26.5	(0.6)	(\$1,644,656)
1st 5-Year Growth (2010-2014)	39,499	2.5	2			
2015-16	453,013	27.6	0	26.5	(1.1)	(\$3,015,202)
2016-17	462,698	28.2	1	27.5	(0.7)	(\$1,918,765)
2017-18	472,590	28.8	0	27.5	(1.3)	(\$3,563,421)
2018-19	482,694	29.4	1	28.5	(0.9)	(\$2,466,984)
2019-20	492,410	30.0	0	28.5	(1.5)	(\$4,111,640)
2nd 5-Year Growth (2015-2019)	48,879	2.9	2			
Total 10-Year Growth (2010-2019)	88,378	5.4	4			

*It has not yet been determined which units will be owned and which will be co-located. Therefore, the values above represent a blended cost of owned and co-located units at a rate of two-thirds owned (\$3,203,593) and one-third co-located (\$1,816,093), which equals \$2,741,093.

**2010 AUIR Emergency Medical Services
(Peak Season)
LOSS: 0.000061 Units / Capita**



2010 EMS STATIONS - EXISTING, LEASED, PLANNED AND PROPOSED INVENTORY



2010 EXISTING EMS STATIONS

NAME	STATION NO.	ADDRESS		TYPE
MEDIC 1	1	801 8th Ave South, Naples 34102	Leased	EMS
MEDIC 2	2	977 26th Ave North, Naples 34103	Leased	EMS
HOC Medflight	3	2375 Tower Drive	Owned	EMS
MEDIC 10	10	14756 Immokalee Rd	Owned	EMS
MEDIC 21	21	11121 Tamiami Trail East, Naples 34113	Owned	EMS
MEDIC 22	22	4375 Bayshore Dr	Owned	EMS
MEDIC 23	23	6055 Collier Blvd	Leased *	EMS
MEDIC 24	24	2795 Airport Road North	Owned	EMS
MEDIC 30/31	30	112 South 1st St.	Owned	EMS
MEDIC 32 (Temporary Facility)	32	4819 Ave Maria Blvd, Ave Maria 34142	Owned	EMS
MEDIC 40	40	1441 Pine Ridge Rd, Naples 34109	Leased *	EMS
MEDIC 42	42	7010 Immokalee Rd, Naples 34119	Owned	EMS
MEDIC 43	43	16325 Vanderbilt Dr, Naples 34134	Leased *	EMS
MEDIC 44	44	766 Vanderbilt Beach Rd	Owned	EMS
MEDIC 46	46	3410 Pine Ridge Rd, Naples 34105	Leased	EMS
Medic Res 50	50	1280 San Marco Rd	Leased *	EMS
MEDIC 61	61	201 Buckner Ave, Everglades	Leased *	EMS
MEDIC 70	70	4741 Golden Gate Parkway	Owned	EMS
MEDIC 71	71	95 13th St SW, Naples 34117	Owned	EMS
MEDIC 75	75	4590 Santa Barbara Blvd 34104	Owned	EMS
Medic Res 90	90	175 Isle of Capri Blvd, Naples 34113	Leased *	EMS

PROPOSED THRU FY13-14	STATION NO.	ADDRESS		TYPE
MEDIC 73	73	Vanderbilt Beach Road/Logan Blvd.		EMS
MEDIC 411	411	US 41/Old 41		EMS

PLANNED THRU FY13-18	STATION NO.	ADDRESS		TYPE
MEDIC 45	45	Goodlette/Immokalee Road		EMS
MEDIC 49	49	Immokalee Road/CR951 - Heritage Bay		EMS

* For these stations, no rent is paid but rather a fixed monthly utility charge.

Collier County EMS Cost Per Owned Station

Description	Cost	Percent of Total
Building Replacement Cost per Station *	\$1,875,000	59%
Land Replacement Cost per Station **	\$900,000	29%
Equipment & Vehicle Replacement Cost per Unit ***	\$428,593	13%
Total Cost per Station	\$3,203,593	101%

Collier County EMS Cost Per Shared Station

Description	Cost	Percent of Total
Building Replacement Cost per Station *	\$937,500	52%
Land Replacement Cost per Station **	\$450,000	25%
Equipment & Vehicle Replacement Cost per Unit ***	\$428,593	20%
Total Cost per Station	\$1,816,093	100%

* Source: Facilities Management

** Land cost based on most recent Impact Fee Study

Source: Impact Fee Study

*** Source: EMS

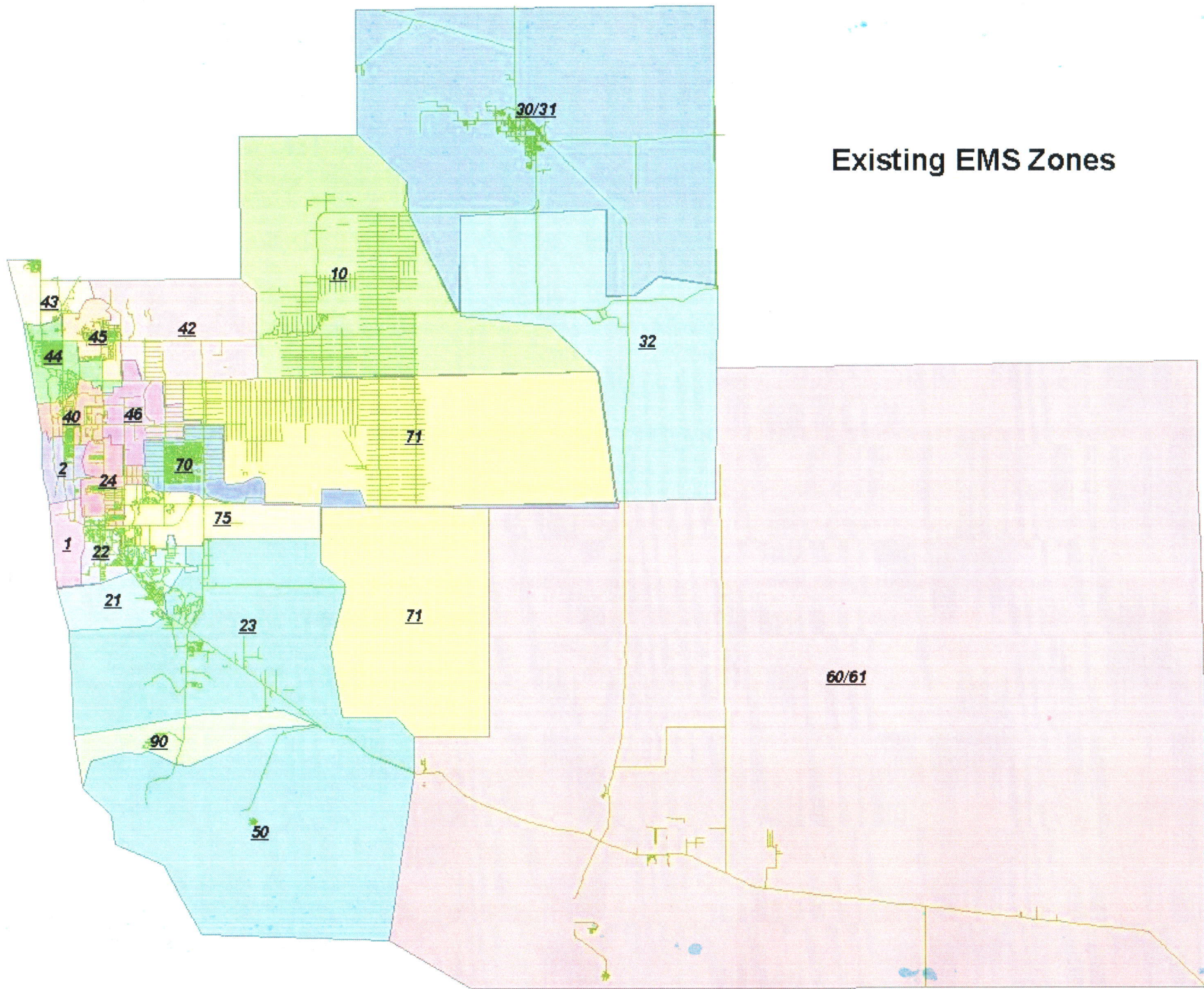
EMS Equipment Replacement Costs

Description	Useful Life (Years)	Units	Unit Cost	Total Replacement Cost
EMS Equipment				
Portable Radios	7	69	\$3,600	\$248,400
Laptops	3	24	\$5,000	\$120,000
Mobile Radios	7	98	\$4,500	\$441,000
UHF Radio Ambulance	7	40	\$2,800	\$112,000
Pager with accessories	7	72	\$550	\$39,600
Total Equipment Cost				\$961,000
Vehicles				
ALS Ambulance ⁽¹⁾	8	35	\$256,200	\$8,967,000
Expedition	4	3	\$31,000	\$93,000
Explorers	4	4	\$29,000	\$116,000
Crown Victoria	4	5	\$24,000	\$120,000
Econo Van	4	1	\$19,000	\$19,000
Hazmat Trailer	7	1	\$29,534	\$29,534
Boat and Boat Trailer	5	1	\$84,000	\$84,000
Chevrolet C4500	4	1	\$63,500	\$63,500
Ford F-350	4	1	\$42,000	\$42,000
Haulmark	7	1	\$5,500	\$5,500
Total Vehicle Cost				\$9,539,534
Total Vehicle and Equipment Cost				\$10,500,534
Number of Units				24.5
Average Equipment Replacement Cost per Unit				\$428,593

(1) Cost includes the vehicle cost of \$197,000 in addition to the equipment used, including Stretchers, Monitor, Auto Pulse etc. valued at \$59,200 per ambulance.

Source: EMS

Existing EMS Zones



Emergency Medical Services

Travel Time- Time Enroute to Time Arrive on Scene

10/01/08 to 09/30/09

District	%<4	%<5	%<6	%<7	%<8	%<9	%<10	%<11	%<12	%>12	Total
Other	0.00	0.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	0.00	2
Zone 1	57.32	71.05	81.00	87.20	92.13	94.73	96.40	97.82	98.33	1.67	1195
Zone 10	0.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	0.00	1
Zone 10 (old 12)	8.60	18.83	26.79	35.71	47.56	57.47	66.07	78.25	84.58	15.42	616
Zone 2 (old 15)	52.91	71.12	82.77	89.32	92.54	94.60	95.69	96.60	97.15	2.85	1648
Zone 21 (old 9)	34.76	44.86	59.36	74.74	86.17	92.12	95.00	96.22	97.67	2.33	1801
Zone 22	30.51	52.07	69.96	82.11	88.98	93.07	95.26	96.62	97.27	2.73	1688
Zone 23 (old 14)	19.98	30.29	40.59	53.32	64.25	72.52	80.48	86.42	90.16	9.84	1281
Zone 24 (old 21)	29.87	48.90	67.45	81.76	87.42	92.61	95.13	96.23	97.01	2.99	636
Zone 3 (old 2)	40.00	44.00	60.00	72.00	76.00	80.00	84.00	88.00	92.00	8.00	25
Zone 30 (old 6)	36.30	50.86	63.29	74.22	81.42	86.66	90.53	92.04	94.16	5.84	1986
Zone 31 (old 7)	37.25	50.38	61.69	73.45	80.84	87.48	93.06	95.78	96.68	3.32	663
Zone 32	24.00	37.33	46.67	50.67	54.67	57.33	64.00	65.33	68.00	32.00	75
Zone 40 (old 8)	35.07	51.49	69.79	84.21	91.30	94.22	95.65	96.74	97.25	2.75	1748
Zone 42 (old 10)	15.26	24.44	39.65	57.02	70.55	80.43	86.80	90.45	93.59	6.41	2136
Zone 43 (old 16)	13.82	30.25	47.24	64.06	74.64	83.49	88.15	91.07	92.97	7.03	1266
Zone 44 (old 3)	29.67	46.06	64.51	77.70	86.48	90.89	93.85	95.31	96.24	3.76	2130
Zone 45	18.75	21.88	37.50	56.25	75.00	84.38	90.63	93.75	93.75	6.25	32
Zone 46 (old 20)	28.36	42.76	58.43	70.95	81.09	88.07	92.42	94.55	96.17	3.83	1174
Zone 50 (old 4)	41.04	54.89	67.92	75.90	81.35	84.69	88.52	92.10	94.06	5.94	1228
Zone 60	15.05	18.01	21.24	25.81	28.76	32.26	37.63	39.52	43.01	56.99	372
Zone 61 (old 11)	12.50	12.50	12.50	25.00	25.00	32.50	35.00	40.00	40.00	60.00	40
Zone 70 (old 5)	43.57	62.06	75.09	85.21	90.84	93.97	95.68	96.42	96.87	3.13	1758
Zone 71 (old 17)	20.11	28.69	40.51	51.34	61.74	68.35	74.82	81.15	86.22	13.78	711
Zone 75	28.39	47.60	64.55	78.52	87.59	92.44	95.16	96.62	97.78	2.22	1983
Zone 90 (old 18)	45.22	55.65	66.96	78.26	86.96	89.57	91.30	93.04	93.91	6.09	115

ALS Engines (24/7)

10/01/08 to 09/30/09

Travel Time- Time Enroute to Time Arrive on Scene

District	%<4	%<5	%<6	%<7	%<8	%<9	%<10	%<11	%<12	%>12	Total
Zone 1	66.67	84.44	88.89	91.11	95.56	95.56	95.56	100.00	100.00	0.00	45
Zone 2 (old 15)	76.88	89.45	93.97	95.48	95.98	96.48	96.48	97.49	97.99	2.01	199
Zone 50 (old 4)	55.72	72.74	85.11	91.62	95.48	96.81	98.01	98.54	98.67	1.33	752
Zone 60	27.40	30.14	32.88	39.73	45.21	52.05	56.16	58.90	61.64	38.36	73
Zone 61 (old 11)	0.00	0.00	0.00	14.29	42.86	57.14	71.43	71.43	71.43	28.57	7
Zone 90 (old 18)	43.18	47.73	68.18	86.36	95.45	97.73	97.73	97.73	97.73	2.27	44

Both Agencies

10/01/08 to 09/30/09

Travel Time- Time Enroute to Time Arrive on Scene

District	%<4	%<5	%<6	%<7	%<8	%<9	%<10	%<11	%<12	%>12	Total
Other	0.00	0.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	0.00	2
Zone 1	58.33	72.38	82.09	87.95	92.64	95.23	96.65	97.91	98.33	1.67	1195
Zone 10 (old 12)	8.60	18.83	26.79	35.71	47.56	57.47	66.07	78.25	84.58	15.42	616
Zone 2 (old 15)	58.13	76.70	87.20	92.54	94.78	95.93	96.78	97.33	97.63	2.37	1648
Zone 21 (old 9)	34.76	44.86	59.36	74.74	86.17	92.12	95.00	96.22	97.67	2.33	1801
Zone 22	30.51	52.13	70.02	82.11	88.98	93.07	95.26	96.62	97.27	2.73	1688
Zone 23 (old 14)	20.06	30.37	40.67	53.32	64.25	72.52	80.48	86.42	90.16	9.84	1281
Zone 24 (old 21)	30.03	49.21	67.77	81.92	87.42	92.61	95.13	96.23	97.01	2.99	636
Zone 3 (old 2)	40.00	44.00	60.00	72.00	76.00	80.00	84.00	88.00	92.00	8.00	25
Zone 30 (old 6)	36.35	50.91	63.34	74.27	81.42	86.66	90.53	92.04	94.16	5.84	1986
Zone 31 (old 7)	37.25	50.38	61.69	73.45	80.84	87.48	93.06	95.78	96.68	3.32	663
Zone 32	24.00	37.33	46.67	50.67	54.67	57.33	64.00	65.33	68.00	32.00	75
Zone 40 (old 8)	35.87	52.00	70.31	84.61	91.53	94.28	95.71	96.80	97.25	2.75	1748
Zone 42 (old 10)	15.26	24.44	39.65	57.02	70.55	80.43	86.80	90.45	93.59	6.41	2136
Zone 43 (old 16)	13.82	30.33	47.31	64.14	74.64	83.49	88.15	91.07	92.97	7.03	1266
Zone 44 (old 3)	29.67	46.06	64.51	77.70	86.48	90.89	93.85	95.31	96.24	3.76	2130
Zone 45	21.88	25.00	37.50	56.25	75.00	84.38	90.63	93.75	93.75	6.25	32
Zone 46 (old 20)	28.36	42.76	58.43	70.95	81.09	88.07	92.42	94.55	96.17	3.83	1174
Zone 50 (old 4)	51.75	67.05	79.09	86.49	91.38	93.33	95.77	96.99	97.56	2.44	1229
Zone 60	16.13	18.55	21.77	27.15	30.65	34.14	39.25	41.13	44.35	55.65	372
Zone 61 (old 11)	12.50	12.50	12.50	25.00	25.00	32.50	37.50	42.50	42.50	57.50	40
Zone 70 (old 5)	43.57	62.06	75.09	85.21	90.84	93.97	95.68	96.42	96.87	3.13	1758
Zone 71 (old 17)	20.11	28.69	40.51	51.34	61.74	68.35	74.82	81.15	86.22	13.78	711
Zone 75	28.39	47.60	64.55	78.52	87.59	92.44	95.16	96.62	97.78	2.22	1983
Zone 90 (old 18)	49.5652	60	68.6956	80	88.6956	91.3043	92.1739	93.913	94.7826	5.2173	115

Emergency Medical Services

10/01/09 to 06/30/10

Travel Time- Time Enroute to Time Arrive on Scene

District	%<4	%<5	%<6	%<7	%<8	%<9	%<10	%<11	%<12	%>12	Total
Other	0.00	0.00	0.00	0.00	0.00	0.00	100.00	100.00	100.00	0.00	1
Zone 1	53.85	68.52	78.59	85.55	91.11	94.54	95.82	96.68	97.43	2.57	934
Zone 10 (old 12)	11.11	19.75	30.04	36.42	46.50	55.14	67.70	74.69	79.63	20.37	486
Zone 2 (old 15)	49.43	66.67	78.95	86.19	90.47	92.83	94.13	95.50	96.34	3.66	1311
Zone 21 (old 9)	29.39	42.32	56.85	70.74	82.46	88.92	93.15	94.88	96.35	3.65	1562
Zone 22	24.02	44.13	64.95	78.79	87.73	92.89	94.65	95.95	96.67	3.33	1532
Zone 23 (old 14)	18.85	28.60	42.17	54.37	64.12	74.13	80.24	85.70	90.07	9.93	1098
Zone 24 (old 21)	25.69	41.83	60.92	76.33	84.59	90.09	93.39	96.15	96.70	3.30	545
Zone 3 (old 2)	35.71	57.14	64.29	78.57	85.71	85.71	85.71	85.71	85.71	14.29	14
Zone 30 (old 6)	37.70	53.76	65.06	73.81	81.39	87.46	91.04	92.97	94.35	5.65	1451
Zone 31 (old 7)	41.15	53.48	66.20	76.34	83.90	88.07	91.65	94.23	95.03	4.97	503
Zone 32	30.99	39.44	49.30	54.93	57.75	61.97	67.61	70.42	81.69	18.31	71
Zone 40 (old 8)	31.85	48.01	65.30	81.66	89.34	92.32	95.03	95.89	97.22	2.78	1510
Zone 42 (old 10)	16.06	25.32	39.49	53.88	66.37	75.46	82.10	88.34	91.41	8.59	1793
Zone 43 (old 16)	13.64	25.79	46.07	62.62	73.18	83.27	87.48	91.12	93.18	6.82	1070
Zone 44 (old 3)	27.13	43.85	61.64	74.21	83.08	88.92	92.31	94.21	95.44	4.56	1950
Zone 46 (old 20)	27.26	39.94	53.20	66.64	77.07	85.24	90.60	93.61	95.39	4.61	1064
Zone 50 (old 4)	39.82	55.05	65.05	73.60	79.73	83.60	86.94	90.72	93.15	6.85	1110
Zone 60	20.74	24.07	31.85	37.78	41.85	46.67	50.00	52.22	53.70	46.30	270
Zone 70 (old 5)	37.88	54.83	71.72	81.46	86.09	90.00	92.12	93.44	94.83	5.17	1510
Zone 71 (old 17)	16.48	27.41	36.11	46.11	53.70	60.74	70.56	77.78	82.78	17.22	540
Zone 75	26.71	44.94	62.94	76.18	84.29	89.18	92.88	94.88	96.53	3.47	1700
Zone 90 (old 18)	39.81	43.69	50.49	66.99	72.82	76.70	80.58	82.52	84.47	15.53	103

ALS Engines (24/7)

10/01/09 to 06/30/10

Travel Time- Time Enroute to Time Arrive on Scene

District	%<4	%<5	%<6	%<7	%<8	%<9	%<10	%<11	%<12	%>12	Total
Zone 1	69.70	75.76	90.91	90.91	90.91	93.94	93.94	93.94	93.94	6.06	33
Zone 2 (old 15)	70.10	81.96	92.27	93.81	95.36	95.36	95.36	95.88	96.91	3.09	194
Zone 40 (old 8)	31.25	50.00	87.50	87.50	93.75	93.75	93.75	93.75	93.75	6.25	16
Zone 50 (old 4)	54.88	72.71	84.34	90.85	95.19	96.74	97.83	98.29	98.45	1.55	645
Zone 60	31.82	47.73	54.55	61.36	63.64	63.64	70.45	72.73	72.73	27.27	44
Zone 90 (old 18)	60.47	62.79	72.09	81.40	90.70	90.70	90.70	90.70	93.02	6.98	43

Both Agencies

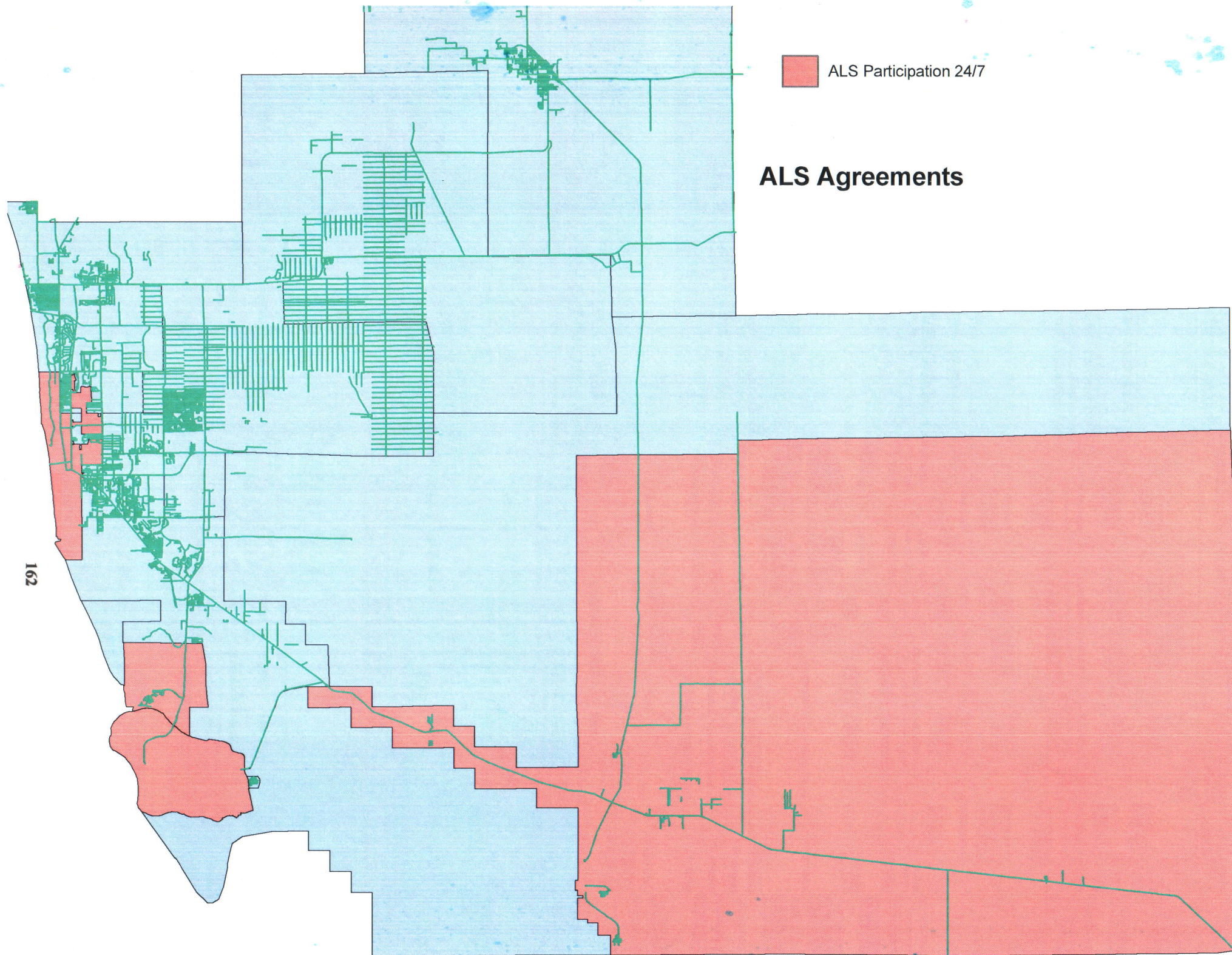
10/01/09 to 06/30/10

Travel Time- Time Enroute to Time Arrive on Scene

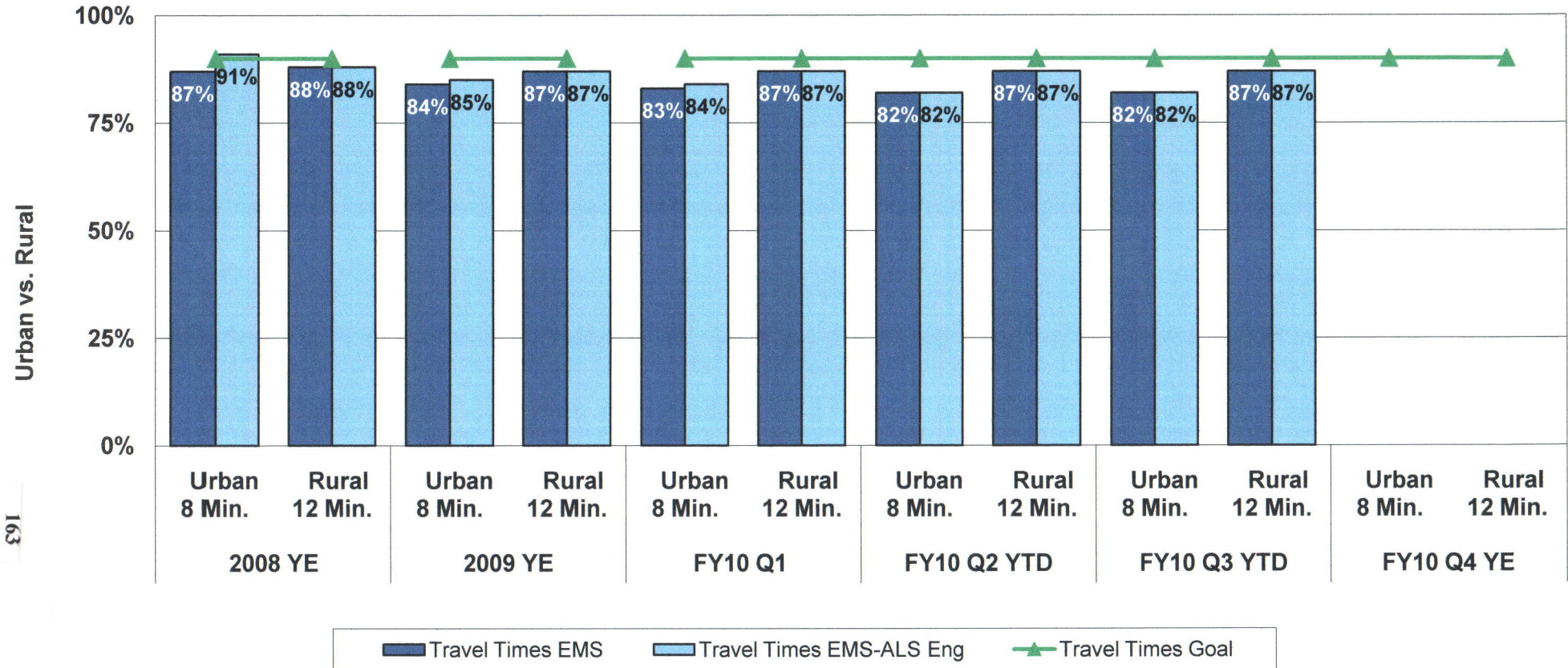
District	%<4	%<5	%<6	%<7	%<8	%<9	%<10	%<11	%<12	%>12	Total
Other	0.00	0.00	0.00	0.00	0.00	0.00	100.00	100.00	100.00	0.00	1
Zone 1	55.14	69.27	79.12	85.87	91.43	94.75	95.93	96.79	97.54	2.46	934
Zone 10 (old 12)	11.11	19.96	30.25	36.63	46.50	55.14	67.70	74.69	79.63	20.37	486
Zone 2 (old 15)	54.23	71.55	83.75	89.70	93.21	94.66	95.73	96.64	97.33	2.67	1311
Zone 21 (old 9)	29.39	42.32	56.85	70.74	82.46	88.92	93.15	94.88	96.35	3.65	1562
Zone 22	24.02	44.13	64.95	78.79	87.73	92.89	94.65	95.95	96.67	3.33	1532
Zone 23 (old 14)	18.85	28.69	42.26	54.55	64.30	74.32	80.42	85.88	90.16	9.84	1098
Zone 24 (old 21)	25.69	41.83	60.92	76.33	84.59	90.09	93.39	96.15	96.70	3.30	545
Zone 3 (old 2)	35.71	57.14	64.29	78.57	85.71	85.71	85.71	85.71	85.71	14.29	14
Zone 30 (old 6)	37.70	53.76	65.06	73.81	81.39	87.46	91.04	92.97	94.35	5.65	1451
Zone 31 (old 7)	41.15	53.48	66.20	76.34	83.90	88.07	91.65	94.23	95.03	4.97	503
Zone 32	30.99	39.44	49.30	54.93	57.75	61.97	67.61	70.42	81.69	18.31	71
Zone 40 (old 8)	31.99	48.08	65.50	81.85	89.47	92.38	95.10	95.89	97.22	2.78	1510
Zone 42 (old 10)	16.06	25.32	39.49	53.88	66.37	75.46	82.10	88.34	91.41	8.59	1793
Zone 43 (old 16)	13.64	25.79	46.07	62.62	73.18	83.27	87.48	91.12	93.18	6.82	1070
Zone 44 (old 3)	27.13	43.85	61.64	74.21	83.08	88.92	92.31	94.21	95.44	4.56	1950
Zone 46 (old 20)	27.26	40.04	53.29	66.64	77.07	85.24	90.60	93.61	95.39	4.61	1064
Zone 50 (old 4)	51.71	68.38	79.19	86.67	91.35	94.05	95.05	96.76	97.39	2.61	1110
Zone 60	23.33	29.26	37.04	43.33	47.78	52.59	56.67	58.52	60.00	40.00	270
Zone 70 (old 5)	37.88	54.83	71.72	81.46	86.09	90.00	92.12	93.44	94.83	5.17	1510
Zone 71 (old 17)	16.48	27.41	36.11	46.11	53.70	60.74	70.56	77.78	82.78	17.22	540
Zone 75	26.71	44.94	62.94	76.18	84.29	89.18	92.88	94.88	96.53	3.47	1700
Zone 90 (old 18)	53.40	55.34	62.14	78.64	83.50	85.44	86.41	88.35	90.29	9.71	103

ALS Participation 24/7

ALS Agreements



III.G.1 EMS Travel Times



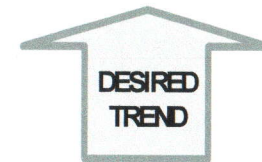
ND	Not Defined
G	90% - above
Y	80% - 89.9%
R	Below 80%

During the FY07 AUIR, the travel time goal was changed from 8 minutes 90% of the time countywide to 8 minutes 90% of the time urban and 12 minutes 90% of the time rural.

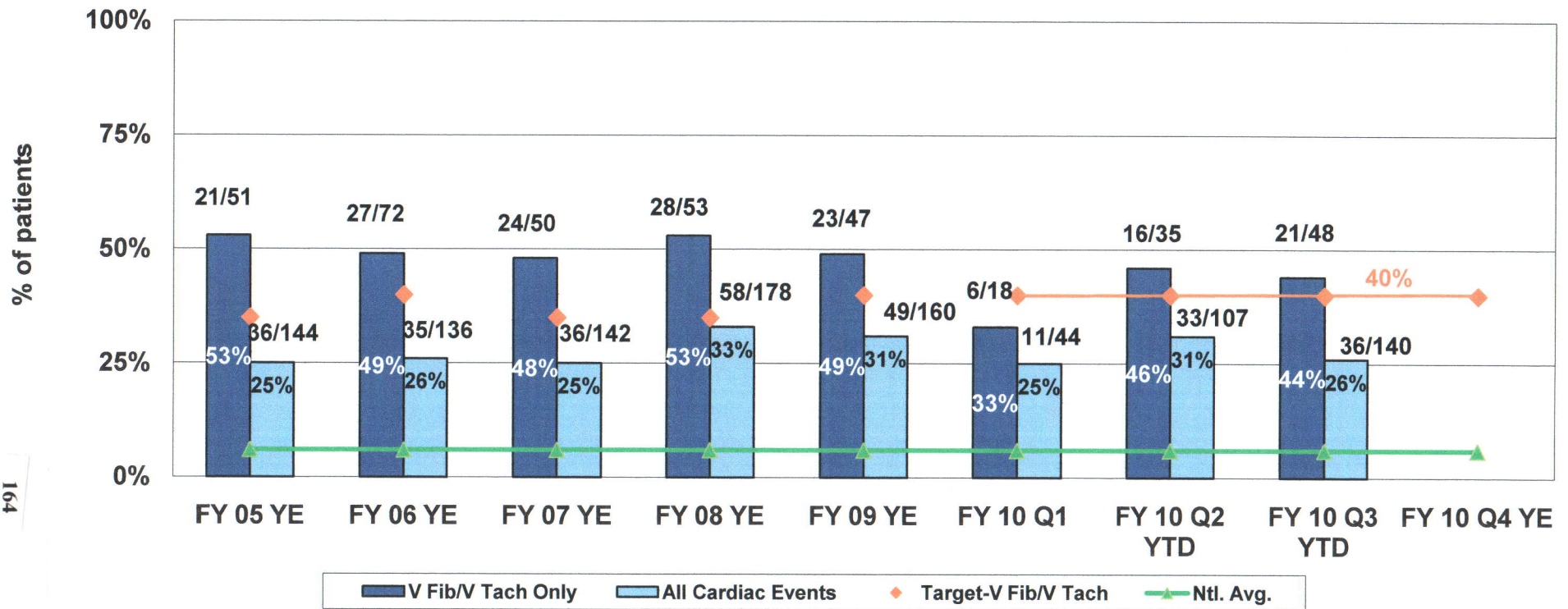
353 of the 3,759 Rural Calls were at remote locations on I-75 in FY 08
 347 of the 3,421 Rural Calls were at remote locations on I-75 in FY 09
 103 of the 2,766 Rural Calls were at remote locations on I-75 through 2nd Qtr FY10

Travel time is defined as time truck is enroute until arrival on scene.

III.G.2 EMS Cardiac Resuscitation Rates



G



ND	Not Defined
G	40% - above
Y	35% - 39.9%
R	Below 35%

The first bar represents outcomes for only shockable cardiac arrests (V Fib/V Tach). The second bar indicates outcomes for all cardiac events.

Target is based on V Fib/V Tach resuscitations only, utilizing the Utstein Template recommended by the American Heart Association as a method to standardize data collection/reporting for cardiac survival rates.

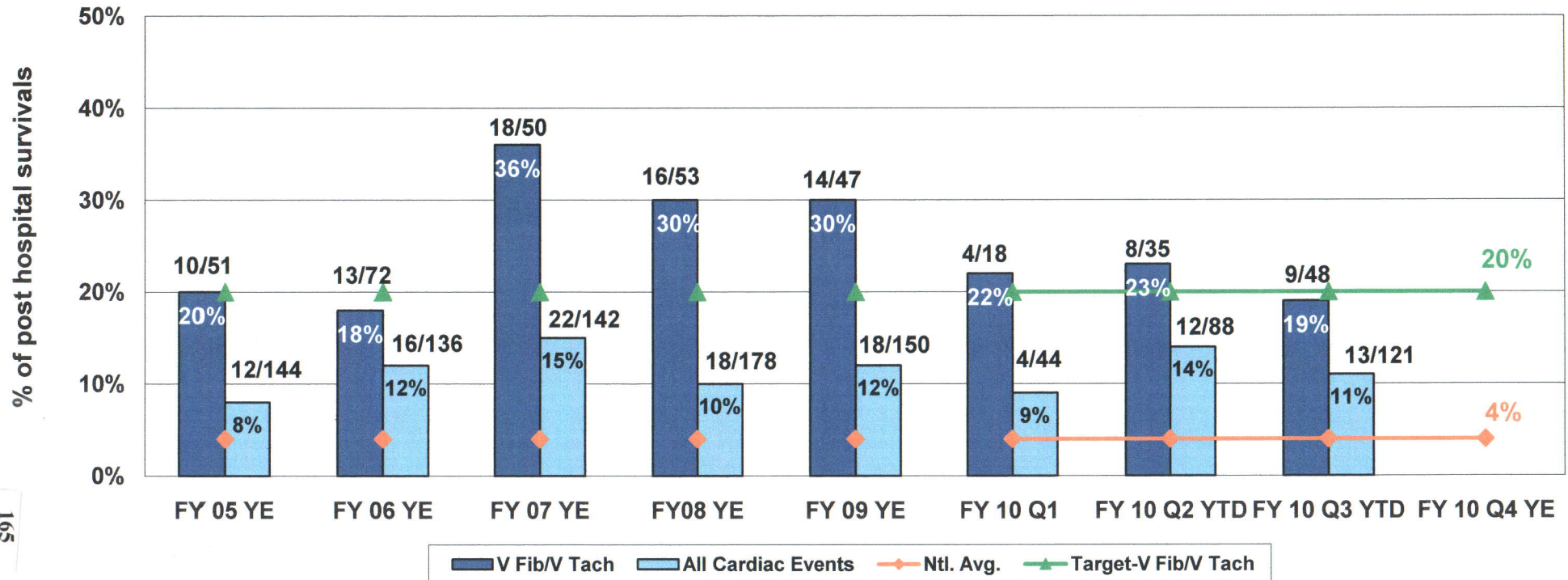
Somewhere between 65-85% of prehospitalized patients with cardiac arrest have VF identified as the initial rhythm by emergency rescue personnel.

Nationally, the resuscitation rate of victims suffering from sudden cardiac death is 5-10% in major metropolitan areas. The American Heart Association does not define types of arrests the average represents.

III.G.3 EMS Percentage of Cardiac Arrest Post Hospital Survivals (Scale is 0% to 50%)



Y



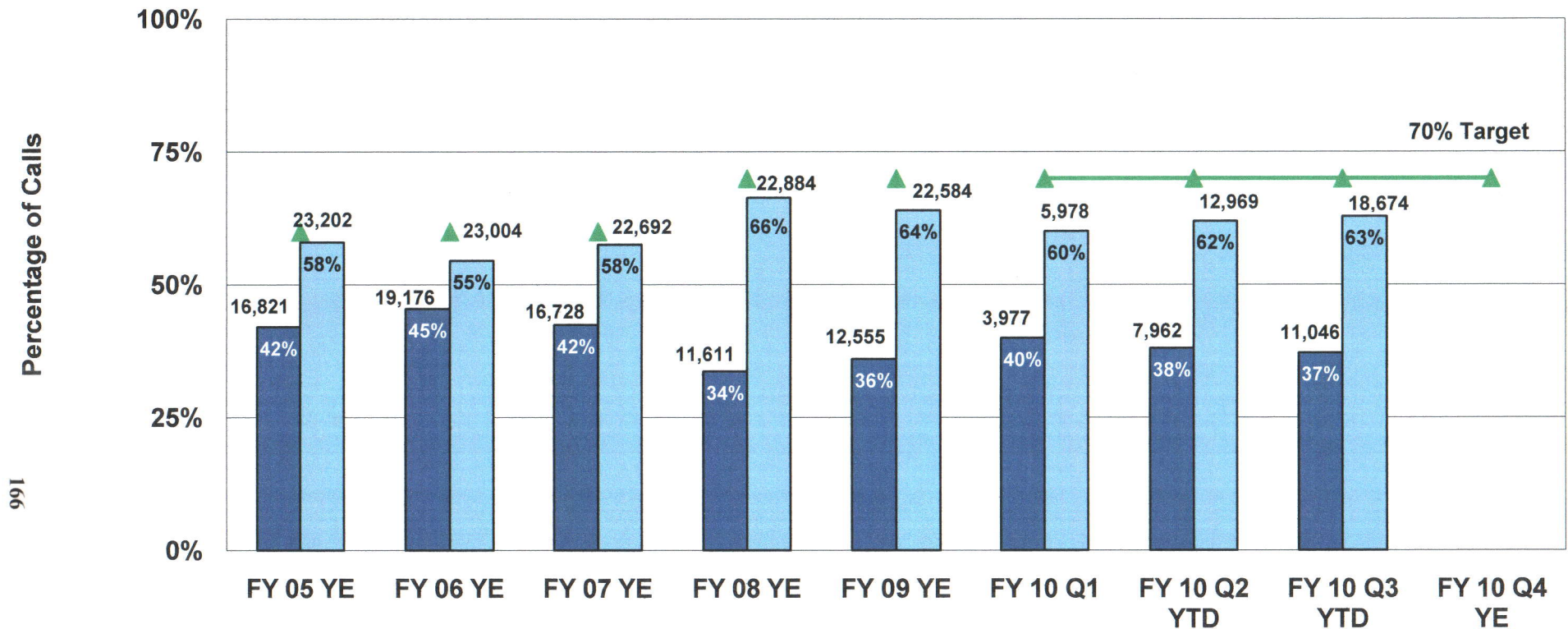
ND	Not Defined
G	20% - above
Y	15% - 19.9%
R	Below 15%

The first bar represents outcomes for only shockable cardiac arrests (V Fib/V Tach). The second bar indicates outcomes for all cardiac events. Measurement is based on the patient leaving the hospital alive and neurologically intact.

Target is based on V Fib/V Tach resuscitations only, utilizing the Utstein Template recommended by the American Heart Association as a method to standardize data collection/reporting for cardiac survival rates.

Nationally, the post hospital survival rate of victims suffering from full cardiac arrest is approximately 4%.

III.G.5 EMS Percentage of Transported vs. Not Transported Calls



FY 07 YE includes 368 Air Transports
FY 08 YE includes 303 Air Transports
FY 09 YE includes 214 Air Transports
FY 10 YTD includes 191 Air Transports

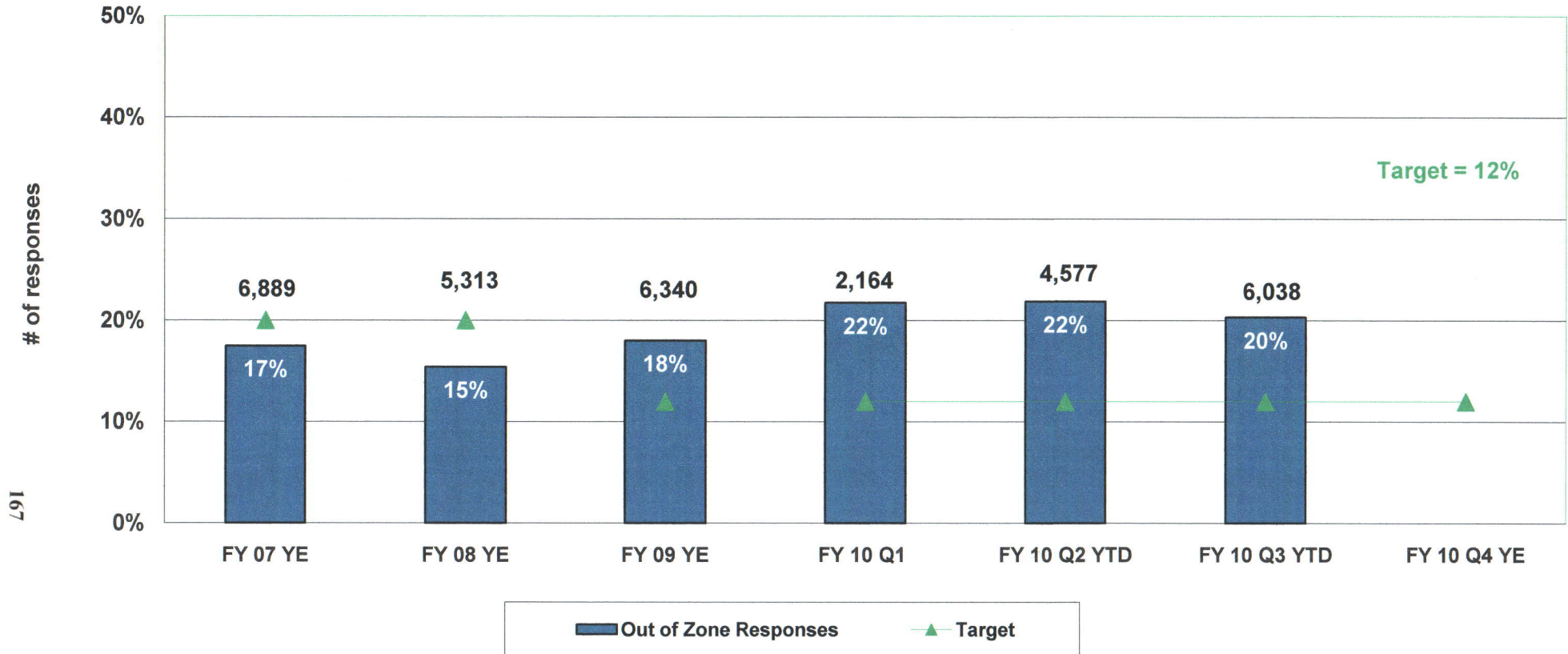
ND	Not Defined
G	70% - above
Y	50% - 69.9%
R	Below 50%

Change in protocol during FY08 - Pre-screening to determine who should be sent to scene; sign out forms changed, making it more difficult for a patient to leave against medical advice, thus decreasing our liability.

III.G.7 EMS Number of out of zone responses



R



Out of zone responses are primarily zone coverage for units out of service or busy. Less frequently, out of zone responses are attributable to a unit returning to zone and responding because it is closer or for multiple unit calls. Because zones change as additional growth units come on-line, accurate historical data is not available prior to FY 07.

ND	Not Defined
G	Below 12%
Y	12% - 19%
R	Over 19%