

# LWIN

## LOUISIANA WIRELESS INFORMATION NETWORK

SYSTEM MANAGEMENT & MAINTENANCE UPDATE

JULY 24, 2019

DEPT. OF PUBLIC SAFETY-STATE POLICE  
RADIO COMMUNICATIONS

(225) 925-6036

# INFRASTRUCTURE UPDATE



# SYSTEM SUMMARY

- **140 Tower Sites in Full Operation**
- **6 Operational Mobile Sites**

# ZONE 1 SITES IN FULL OPERATION

Pan Am	Bridge City	Livonia	LaPlace	St Tammany Simulcast Lacombe, Abita Springs, Waldheim, Pearl River, Covington, Slidell, Talisheek, Blond
Sheridan	Geismar	St. James	LaRose	Gibson
BR Simulcast BR, Central, LSU, WBR	Hammond	Gray	Berwick	Baywood
Ramah	Sage Hill	Parker Road	Iberville	Livingston
Jackson	Greensburg	Superdome	South Baton Rouge	Baldwin
Pointe Coupee	Theriot	Paincourtville	Boothville	Mobile Units 94, 96, 97, 98, 99, 100
Denham Springs	Clinton	<b>St. George</b>		

# ZONE 2 SITES IN FULL OPERATION

Northern Simulcast Gretna, Gallera, NO East	St. Rosalie	Kenner	Airport	Buras
Lafitte	Port Fourchon	Bayou Gauche	Hahnville	Wilmer
Reggio	Montegut	Houma	<b>Bourg</b>	

# ZONE 3 SITES IN FULL OPERATION

Clearwater	Monroe	Winnfield	Delhi	Chopin
Dry Prong	Hagewood	Bossier (City)	Farmerville	Minden
Natchitoches	Bastrop	Greenwood	Ruston	Hineston
Ashland	Vivian	Newellton	Noble	Transylvania
Alexandria	Avoyelles	Bellevue	Bernice	Calhoun
Columbia	Ferriday	Homer	Jena	Jonesboro
Mansfield	Many	Marion	Oak Grove	Plain Dealing
Ringgold	Sentell	Tallulah	Wheeling	Shreveport
West Monroe	Chase	Keachi	Coushatta	Shongaloo
Sibley	Vick	Calvin	Arcadia	Enterprise
Holloway	Chatham			

# ZONE 4 SITES IN FULL OPERATION

Abbeville	Acadia	Arsene Lebleu	DeQuincy	Dry Creek
Jeanerette	Jennings	Johnson Bayou	Lafayette	Lake Charles
Leesville	Merryville	Opelousas	Parks	Rockefeller
Rosepine	Scott	Sulphur	Vermillion	Ville Platte
Vinton	Cravens	Hicks	Hornbeck	Oakdale
Roseland	E. Jennings	Anacoco	Oberlin	Moss Bluff
<b>New Iberia</b>	<b>Eunice</b>			

# CHANNEL SUMMARY

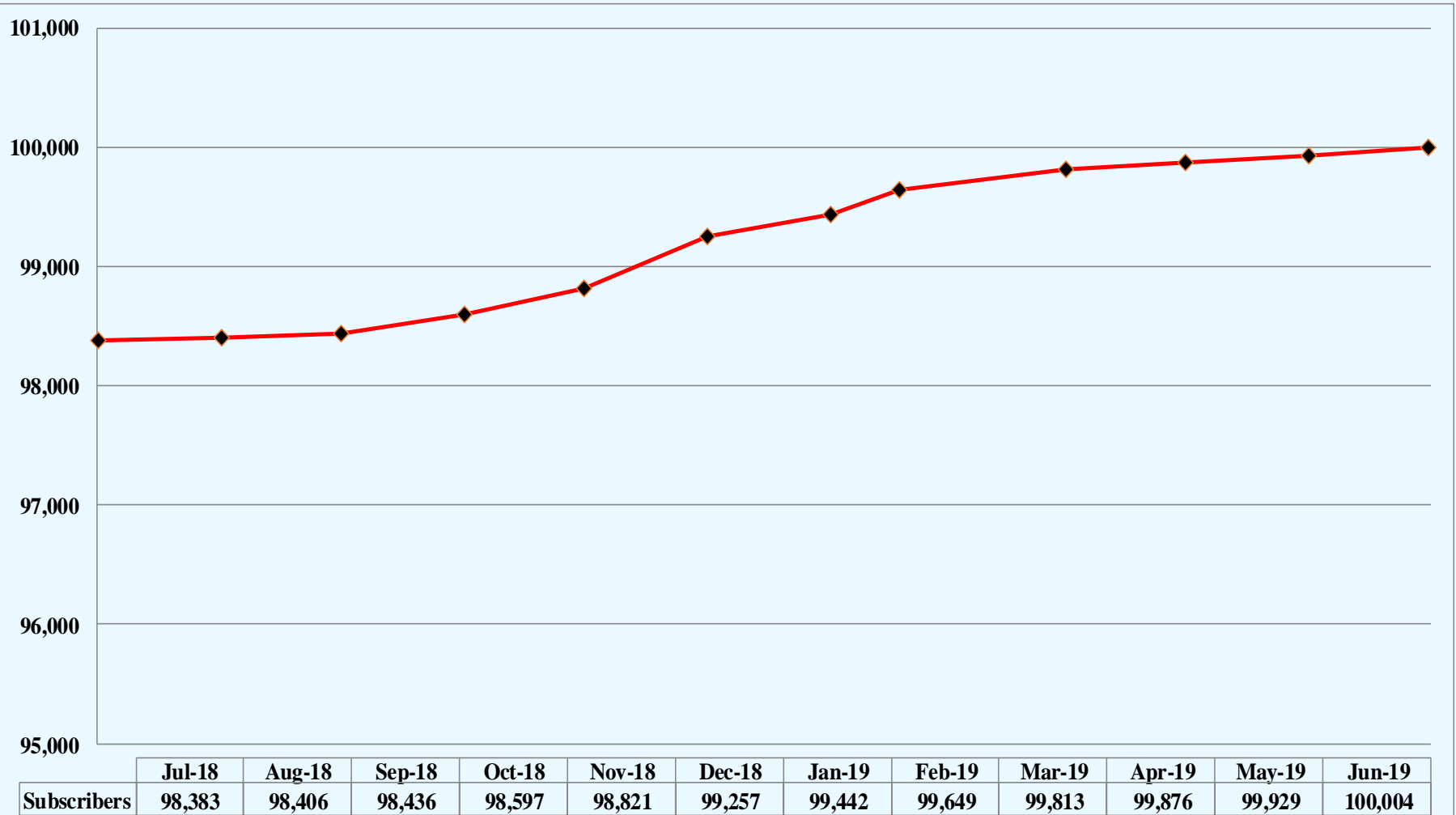
- Total Channels 1275
  - 1224 Channels on 140 Sites
  - 51 Channels on 6 Mobile Sites



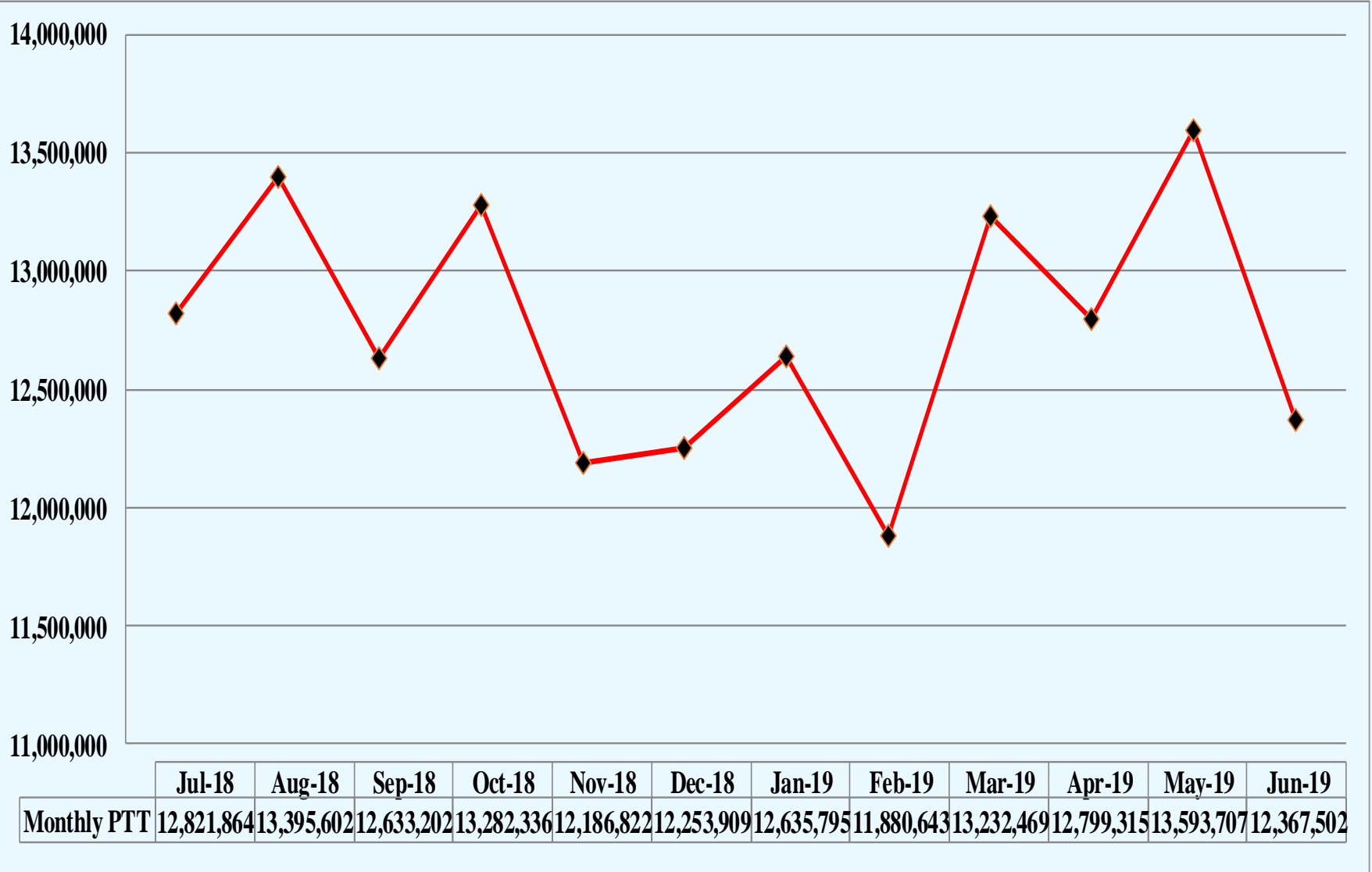


# SYSTEM STATISTICS

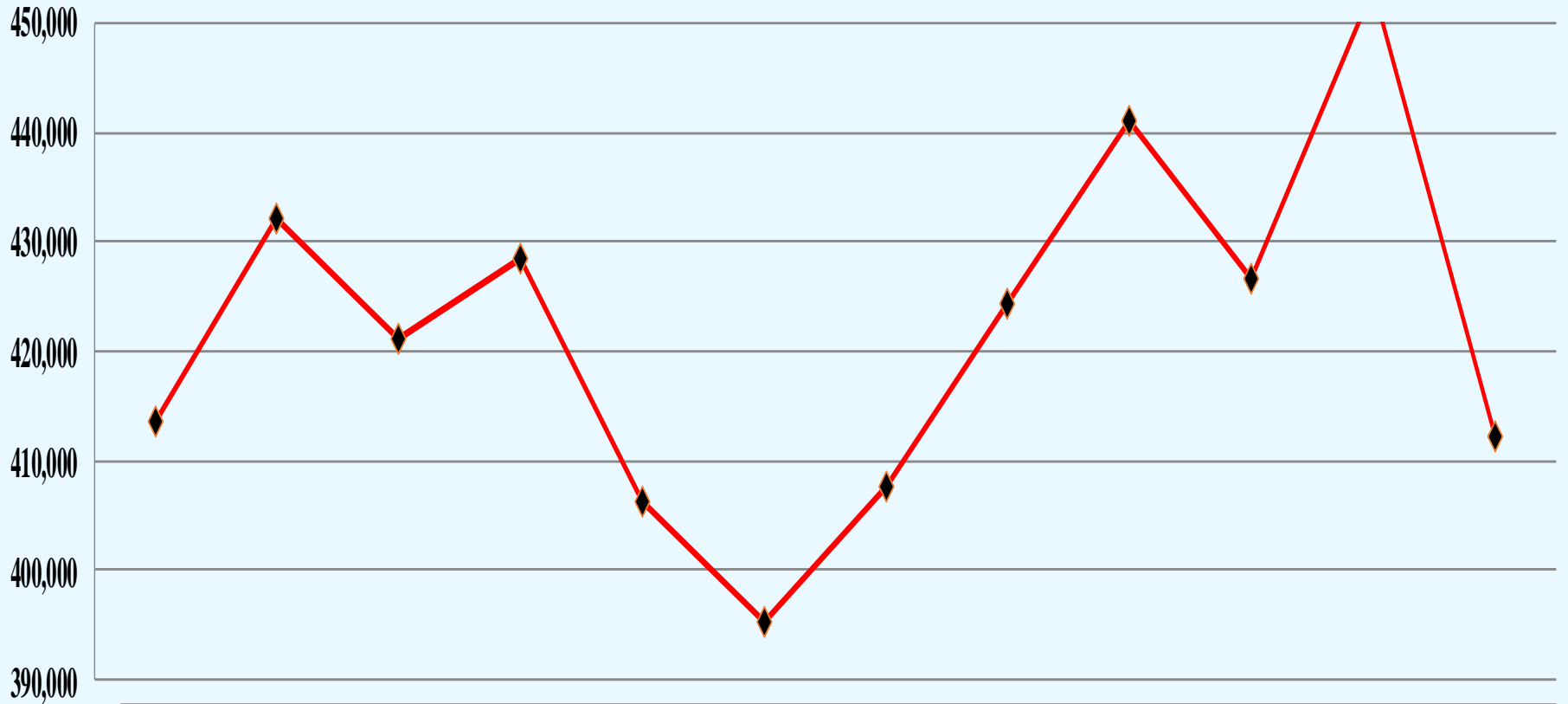
# SUBSCRIBERS



# PUSH TO TALK

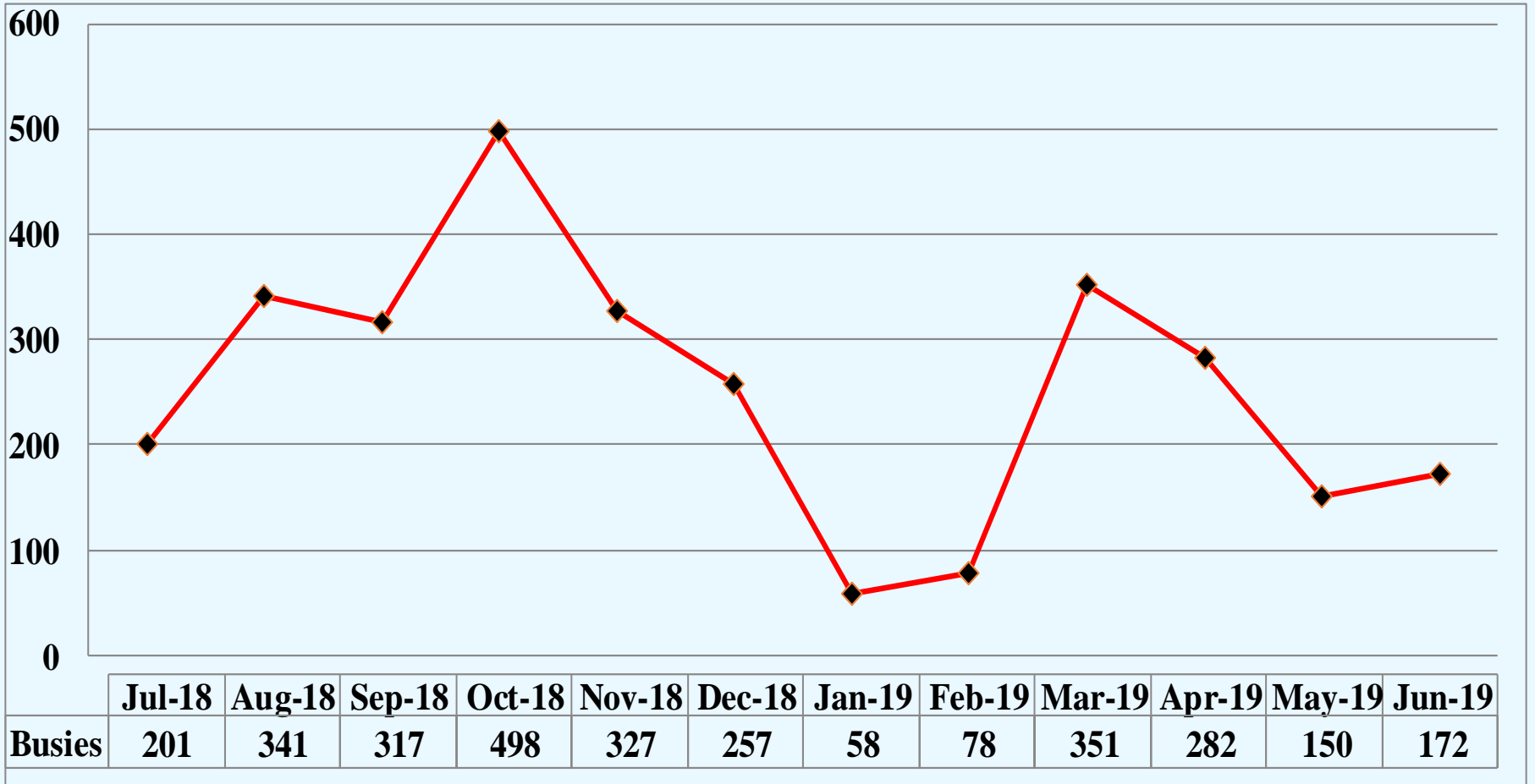


# PUSH TO TALK PER DAY



	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19
Daily PTT	413,607	432,116	421,106	428,462	406,227	395,287	407,606	424,308	441,082	426,644	453,124	412,250

# BUSIES



# TOP SITES – VOICE BUSY

## QUARTER

1. CLINTON 26
2. KENNER 25
3. ARCADIA 22

# QTR SITE OUTTAGES

Abbeville	Boothville	Coushatta	Gibson	Jeanerette	Montegut
Anacoco	Bourg	Delhi	Gray	Jennings	Moss Bluff
Ashland	Bridge City	Denham Springs	Greensburg	Keachi	Natchitoches
Avoyelles	Calvin	Dequincy	Hagewood	Livonia	New Iberia
Baldwin	Chopin	Dry Creek	Homer	Many	Oak Grove
Bastrop	Clearwater	E. Jennings	Hornbeck	Marion	Oberlin
Bayou Gauche	Boothville	Farmerville	Iberville	Merryville	Ramah
Bellevue	Clinton	Geismar	Jackson	Minden	Rustin

**Total Downtime is 1335 Hours**

# QTR SITE OUTTAGES

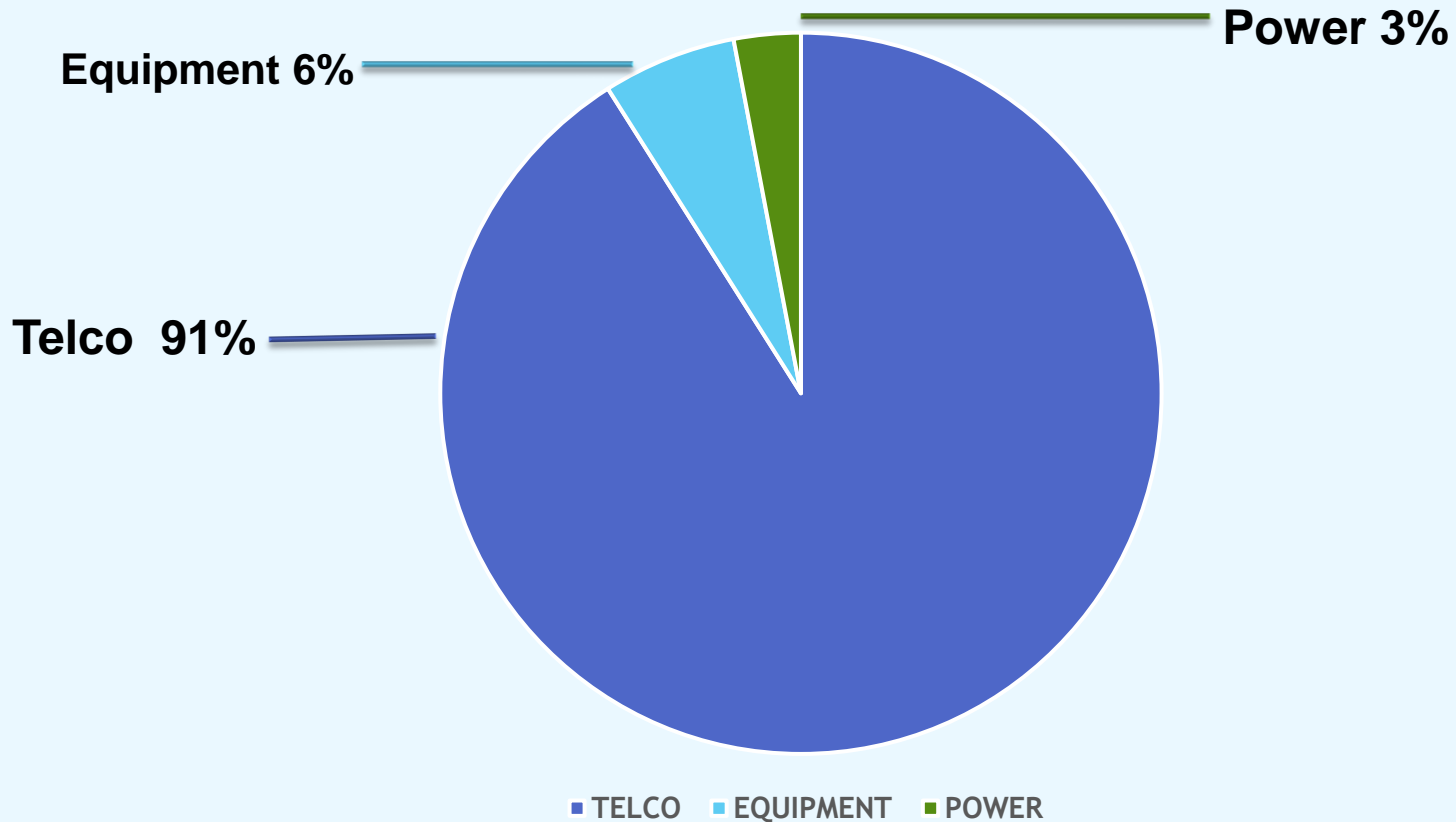
Sage Hill	Sheridan	Sibley	Tallulah	Theriot	Vermillion
Vermillion	Ville Plate	West Monroe	Wilmer	Winnfield North	

**Total Downtime is 1335 Hours**



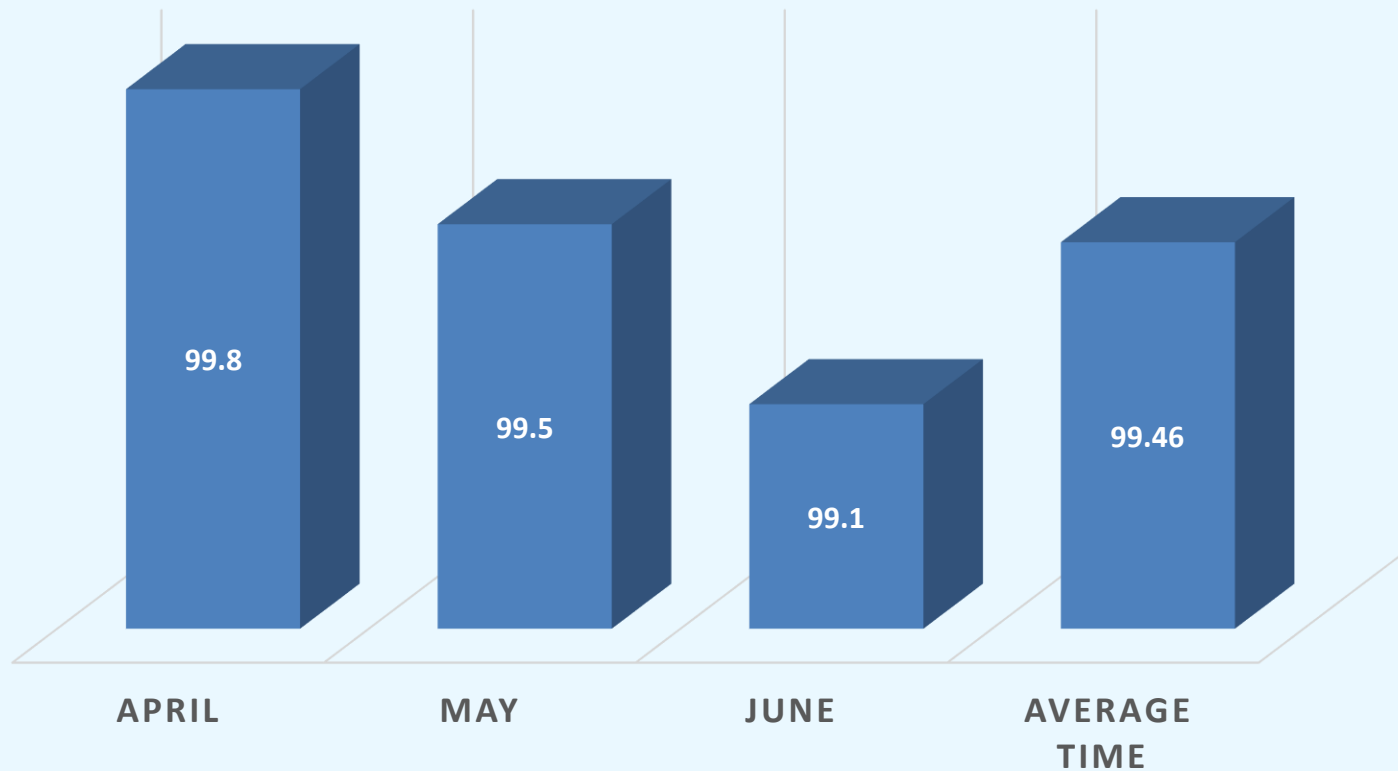
# 3<sup>RD</sup> QTR SITE OUTTAGES DATA

## What were the Issues?



# QTR SYSTEM STATISTICS

## PERCENTAGE OF ALL SITES IN WIDE AREA OPERATIONS



# BARRY SITE OUTTAGES

Days	Site Name	Down time (Hrs)	Reason
Friday	Bourg	28	Telco
Friday	Chopin	15	Telco
Saturday	Baldwin	22	Power
Saturday	Gibson	20	Telco/Power
Friday	Theriot	46	Telco/Power
On-going	Iberville	Bouncing	Telco/Satellite
Saturday	Gray	25	Power
Saturday	Montegut	36	Telco
Sunday	Bridge City	16	Telco
Monday	Oberlin	12	Telco
Monday	Homer	5	Telco
Monday	Moss Bluff	2	Telco
Monday	Gibson	1	Telco
Tuesday	Johnson Bayou	1	Telco
Wednesday	Dequincy	4	Equipment

16 Sites were powered by the backup generators

Site Busies	
Site	Busy Calls
Berwick	7
Parks	6
Abbeville	3
Roseland	3
Montegut	1
Kenner	1
Alexandria	1

# SUBSCRIBER STATISTICS

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## ➤ Security Groups/Agencies

- 191/584

## ➤ Talkgroups

- 6207

## ➤ Subscribers

- 100,004

# **AGENCIES ADDED LAST 3 MONTHS**

**Louisiana Oil Spill Coordinator's Office**

**Plaquemines Parish School Board**

**Mound Fire Protection District**

**University Medical Center**

**Youth Challenge Program- Camp Minden**

**Southeast LA Flood and Protection Authority-East**

**Hutting Fire Department AR**



# PROJECTS: STR TO GTR UPGRADES

# GTR UPGRADE PROJECT COMPLETED

➤ 15 Sites were upgraded from Nov 1, 2018 thru April 16, 2019

- Nola Airport Nov 1 - 9
- Wilmer Nov 5-9
- Kenner Nov 11 - 16
- Geismar Nov 11-30
- Reggio Dec 3 - 10
- Hammond Dec 10- 14
- Laplace Dec 11
- Larose Jan 14 - 16
- Port Fourchon Jan 14 - 27
- Buras Jan 27
- St. James March 20
- Gray April 16
- St Rosalie Feb 6
- Sheridan Feb 28
- Houma Mar 26



# SYSTEM COVERAGE

# Present Coverage



0 10 20 Miles

QUESTIONS?

**THANK YOU!**