My Emergency Information Decision Center PA MEDIC

EMS Communication Tool





- Hospitals need a venue to communicate their status with EMS providers
- EMS providers need a tool to determine closest appropriate facilities and facility capabilities

Current System

- Hospitals communicate their status/capacities differently
 - Most alert the county PSAP with their diversion status
- PSAPs communicate a hospital status/capacities differently
 - Some do not acknowledge a divert status
 - Some communicate via voice transmission over the radio
 - Some update their alert banner in CAD
 - Some send alerts to pagers
- Problem Identified:
 - When EMS agencies cross county borders, the EMS agency often does not know hospital status outside of their "home" response county.
 - This occurs because hospitals alert the PSAP in their county, which may communicate the status when dispatching units in their county.
 - When a unit is dispatched in a county different from the hospital, the EMS agency is not given hospital status.

PA MEDIC Project Timeline

Q4 2019	Q1-Q2 2020	Q3-Q4 2020	Q1 2021	Q2 2021	Q3 2021	Q4 2021	Q1 2022
•Discussion during EHSF MAC to reactivate the former hospital divert website	•COVID pandemic begins to impact region	•Further discussions requesting the hospital divert website	•Developed RFP for app/website vendors	•Released RFP to vendors	 Selected vendor Approved prototype Assisted with development Held meetings with hospital partners starting in August Feedback on website needs/functionality Provided demos of nearly finished website 	 Held final demo in November Provided interested hospitals log in credentials Interested hospitals are verifying hospital information and capabilities Interested hospitals are trialing functionality and educating staff 	•Site live for EMS providers to monitor hospital status

EHSF Region Divert Position

Many times the influx or surge of patients pushes our system (emergency departments and EMS) beyond immediate capacity. The benefit of working as a system is we can leverage or compensate each other as needed. However, in those times we need to be as efficient as possible. As such, the EHSF developed a tool to assist with the communication of situation awareness as to the current capacity of emergency departments. The tool is a mobile platform allowing EMS providers, emergency department staff, and 9-1-1 communication centers to see the current capacity within a specific geographic area.

Diversion is a term used over the years for times when emergency departments become overcrowded or experience a mechanical failure impacting the efficiency of processing patients. The term is used to inform EMS of the need to consider transport to another emergency department by educating their patient as to what they will experience should they desire transport to the impacted emergency department.

The emergency departments collectively agree when EMS has a critical patient in need of immediate transport, stabilization, or life-saving interventions, the patient should be transported to the closest and most appropriate emergency department regardless of diversion status.

PA MEDIC Functionality: Basic User

www.pamedic.org

Homepage

- Hospitals are listed in order by distance based on the device location
- The dot beside the hospital name ٠ determines operating status
 - Gray = unknown / not active •
 - Green = operating normal
 - Yellow = consider diversion
 - Red = closed
- Hospital name textbox allow to filter • hospitals by a portion of their name
- Toggle button on the left side allow to sort the list by operating status and/or capabilities
 - i.e. EMS providers can display only hospitals operating on a normal status
 - i.e. EMS providers can display only • comprehensive stroke centers





Capabilities

- Behavioral Health
- Burn Center Adult
- Burn Center Pediatric
- Cardiac PCI Capable
- HazMat/Decontamination
- Obstetrics
- Pediatric Care
- Stroke Comprehensive Center
- Stroke Thrombectomy Capable Center
- Stroke Primary Center
- Stroke Acute Ready Center
- Trauma Adult Level 1 & 2
- Trauma Adult Level 3
- Trauma Adult Level 4
- Trauma Pediatric Level 1
- Trauma Pediatric Level 2



WellSpan York

1001 South George Street York. PA 17405

Capabilities

Cardiac - PCI Capable Stroke - Comprehensive Center Trauma - Adult Level 1



UPMC Harrisburg

111 South Front Street

20.1 miles / 29 minutes







EMERGENCY

DEPARTMENT

MEDIC COMMAND

COMMAND AND

NOTIFICATIONS

EMERGENCY

DEPARTMENT

13.6 miles / 17 minutes

Homepage

- Hospital Information Displayed
 - **Operating Status** •
 - Colored dot will associate to status
 - A banner will display below the hospital to provide additional status information is on consideration diversion or closed
 - Address •
 - Capabilities
 - Distance to facility by miles
 - Estimated real-time travel to facility (with traffic included)
 - Green box with arrow takes EMS provider to mapping app for directions
 - Blue box with phone provides a oneclick to call to the main emergency department number



Status

Normal

Closed

•

Obstetrics

Center

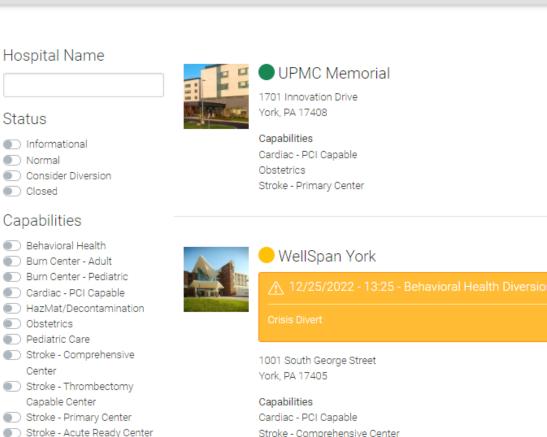
Trauma - Adult Level 1 & 2

Trauma - Adult Level 3

Trauma - Adult Level 4

Trauma - Pediatric Level 1

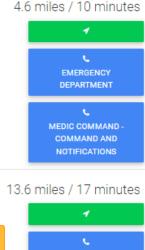
Trauma - Pediatric Level 2



Stroke - Comprehensive Center Trauma - Adult Level 1



UPMC Harrisburg



EMERGENCY DEPARTMENT

1 EMERGENCY DEPARTMENT MEDIC COMMAND

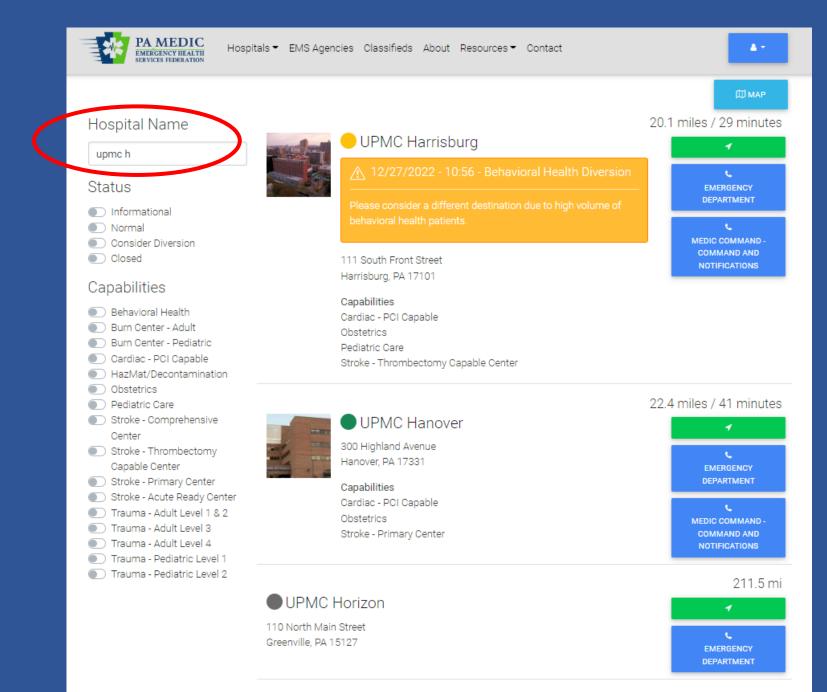
COMMAND AND

20.1 miles / 29 minutes

111 South Front Stree

Search by Hospital Name

 EMS providers can search for a specific hospital by starting to type a hospital name



Search by Status and/or Capabilities

EMS providers can use • toggle buttons to display facilities based on operating status and/or capabilities when making transport destinations



Hospital Name

Informational Normal

Consider Diversion

Behavioral Health

Burn Center - Adult

Burn Center - Pediatric Cardiac - PCI Capable

HazMat/Decontamination

Stroke - Comprehensive

Stroke - Thrombectomy Capable Center

Stroke - Primary Center

Trauma - Adult Level 3

Trauma - Adult Level 4 Trauma - Pediatric Level 1 Trauma - Pediatric Level 2

Stroke - Acute Ready Center

Trauma - Adult Level 1 & 2

Status

Closed

Capabilities

Obstetrics

Pediatric Care

Center

13.6 miles / 17 minutes WellSpan York EMERGENCY DEPARTMENT 1001 South George Street York, PA 17405 Capabilities Cardiac - PCI Capable Stroke - Comprehensive Center Trauma - Adult Level 1 Penn State Health Milton S. Hershey 1 Medical Center



500 University Drive Hershey, PA 17033

Capabilities Pediatric Care Stroke - Comprehensive Center Trauma - Adult Level 1 Trauma - Pediatric Level 1

30.4 miles / 44 minutes

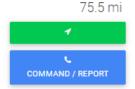




Lehigh Valley Hospital—Cedar Crest

1200 South Cedar Crest Boulevard Allentown, PA 18103

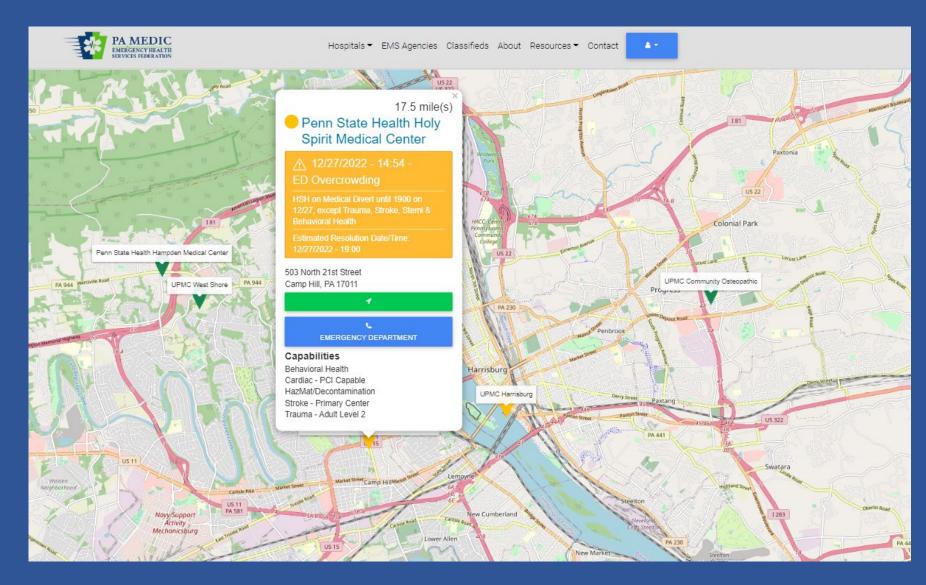
Capabilities **Behavioral Health** Burn Center - Adult



A -

Map Display

- Hospitals can be displayed on a map
- EMS providers will see operating status
- EMS providers can click on the location pin to learn about operating status



Hospital Landing Page

- Clicking on the hospital name on the • homepage will open a new page with basic information about the hospital
 - Photo and description of facility
 - Address •
 - Phone numbers •
 - Can have multiple

Subscribe to this Hospital

EMS providers can select

operating status is updated

hospitals and choose to

receive alerts when

- Capabilities
- Map
- PA MEDIC tals • EMS Agencies Classifieds About Resources • Contac Hospital Name 6 miles / 10 minute PMC Memoria Status Normal
 Onsider Divers
 Olosed Stroke - Primary Cente Capabilities Behavioral Heal WellSpan Yor Burn Center - Adult
 Burn Center - Pediatri Cardiac - PCI Capable HazMat/Dec Pediatric Care Stroke - Compreher 1001 South George Str Stroke - Thrombe Stroke - Primary Cent ardiac - PCI Capable Stroke - Acute Ready Cen
 Trauma - Adult Level 1 & 2 auma - Adult Level Trauma - Adult Level 3 Trauma - Adult Level 4
 Trauma - Pediatric Level 20.1 miles / 29 minute UPMC Harrisburg Trauma - Pediatric Level 2

PA MEDIC EMERGENCY HEALTH



WellSpan York Hospital is the region's leader in advanced specialty care. What began in 1880 has grown to a 596-bed community teaching hospital that employs more than 4,400 people and serves a population of 520,000+ in south central Pennsylvania.

SUBSCRIBE TO THIS HOSPITA

1001 South George Street

Address York, PA 17405

The hospital offers services and programs that feature highly skilled clinical staff, life-saving technology and state-of-the-art facilities to address some of the most complex medical, surgical and behavioral conditions

WellSpan York Hospital's Regional Resource/Level 1 Trauma Center has been accredited by the Pennsylvania Trauma Systems Foundation and is the only accredited trauma center in York, Adams and Franklin counties,

Please click here for a comprehensive list of WellSpan York Hospital's awards and accreditations.

Phone Numbers SEMERGENCY DEPARTMENT

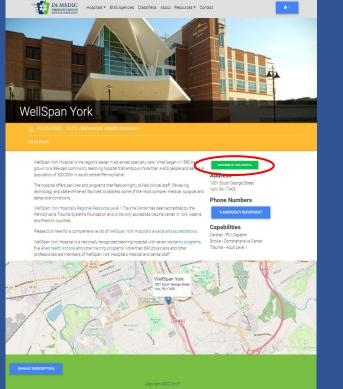
Capabilities

Cardiac - PCI Capable Stroke - Comprehensive Center Trauma - Adult Level 1

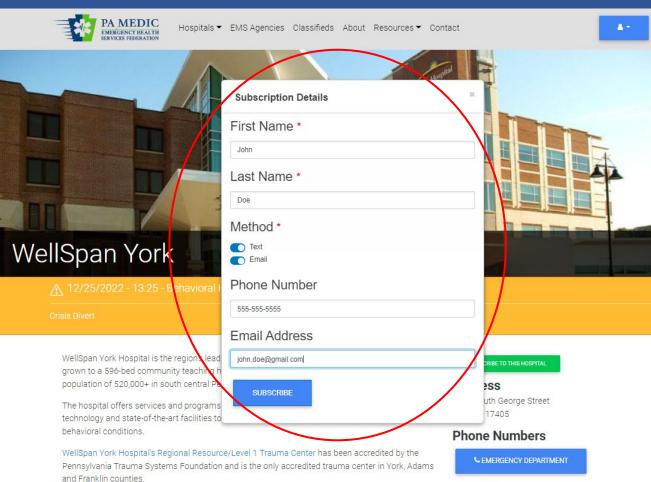
WellSpan York Hospital is a nationally recognized teaching hospital with seven residency programs, five allied health schools and other training programs. More than 690 physicians and other professionals are members of WellSpan York Hospital's medical and dental staff



Subscribing to Hospitals for Notifications



 Clicking on Subscribe to this Hospital gives options to the EMS provider to receive operating status alerts by text, e-mail, or both



L IIIA

Managing Subscriptions for Notifications

	 Penn State Health Hampden Medical Center 2200 Good Hope Road Enola, PA 17025 	miles / 32 minut
	29.4 Penn Medicine Lancaster General Hospital S55 North Duke Street Lancaster, PA 17604 Capabilities HazMat/Decontamination Stroke - Primary Center Trauma - Adult Level 1	Miles / 39 minut
	1 2 3 4 5 6 7 8 9 Next> Last>	
MANAGE SUBSCRIPTIONS	Copyright 2022 EHSP	

- Providers can change subscriptions any time
- Scroll to the bottom of the homepage, click on Manage Subscriptions
- Enter either an e-mail or telephone number used to initially subscribe
- Click on Check Subscriptions
- A list of hospitals to receive notifications will appear
- Click on the toggle buttons and then Unsubscribe

*	PA MEDI EMERGENCY HEAL SERVICES FEDERATI

C Hospitals About Contact Help Guide

PA MEDIC Notifications

Enter your phone or email address associated with your notifcation subscription:

Phone number

Email

mruby@ehsf.org

Subscriptions

- Penn State Health Milton S. Hershey Medical Center
- Penn Medicine Lancaster General Hospital
- WellSpan Chambersburg Hospital
- Penn State Health Holy Spirit Hospital
 UPMC Community Osteopathic
- UPMC West Shore
- UPMC Lititz
- WellSpan Ephrata Community Hospital
- Penn State Health Hampden Medical Center
- UPMC Harrisburg
- UPMC Carlisle
- UPMC Harrisburg
 UPMC Memorial
- UPMC West Shore
- UPMC Lititz
- UPMC Hanover
- WellSpan York

CHECK SUBSCRIPTIONS UNSUBSCRIBE

4 -

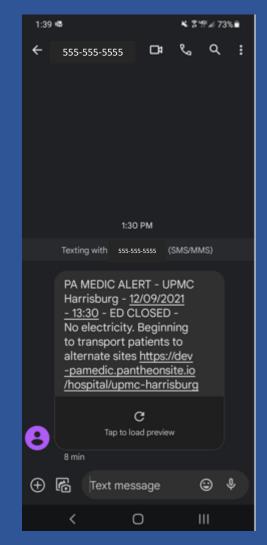
Managing Schedule of Notifications/Alerts

- Providers can create a schedule to identify days of the week and time of the day they wish to receive alerts from hospital subscription notifications
- Log-in to account
- Go to settings
- Scroll down to notification schedule
- Select times for each day of the week to receive subscribed notifications

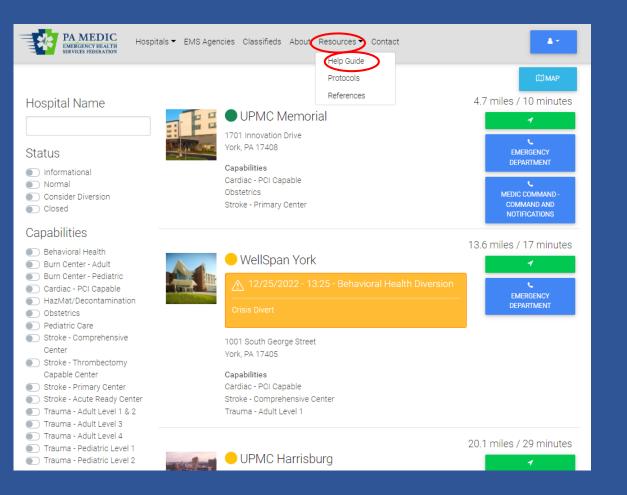
	From	То	Operations
Sunday	7 \$	15 \$	Copy last day
	00 \$	00 ¢	
Monday	5 \$	17 🛊	Copy previous d
	\$ 00	Minute \$	
Tuesday	Hour ¢	Hour ¢	Copy previous d
Wednesday	Minute \$	Minute \$	
Wednesday	19 🛊	7 \$	Copy previous da
	\$ 00	00 \$	
Thursday	Hour ¢	Hour ¢	Copy previous da
	Minute \$	Minute \$	
Friday	7 🔹	15 \$	Copy previous da
	¢ 00	00 \$	
Saturday	Hour ¢	Hour ¢	Copy previous da
	Minute \$	Minute ¢	

Hospital Operating Status Notifications

 When a new status is entered, EMS providers who subscribed to a hospital will receive an e-mail and/or text based on their preference



Helpful Tools / Resources



- PA Medic Training Guide
 - PDF of PowerPoint
- PA Medic User Manual
 - Detailed user manual for EMS providers and hospital personnel



Hospitals About Contact Help Guide

Help Guide

EMS providers and partners will find resources and help guides for navigating the PA Medic website below:

PA Medic Training Guide

PA Medic User Manual

PA MEDIC Functionality: Hospital User

www.pamedic.org

Hospital Functionality

- Only hospital approved managers and employees can report operating status
 - Managers can edit the hospital information and add/remove users
 - (i.e. capabilities, address, phone numbers)
 - Employees can only report operating status

PA MEDI EMERGENCY HEAL SERVICES FEDERATI	TH HOSPILAIS - L	EMS Agencies Classified	s About Resources▼ Co	ntact		A *
ADD A BLOCK	RESET TO DEFA	ULTS				
My Agencies					×	Site News
My Hospitals					×	Two Factor Authentication Now Available
	Fulton Count	y Medical Center		NEW		
Ad	ctive Incidents					
	ate here are no active incide	Type nts.	Details	Edit Hospital Incident Log	-	
				incident Log	_	

Edit Hospital: **Contact Information**

Admin *

	IEDIC NCT HEALTH PEDERATION HOSPITAL	s ▼ EMS Agencies Classified	ds About Resources 🕶 Cont	act	A *:
ADD A BLOCK	RESET	TO DEFAULTS			
My Agencies	3			×	Site News *
					Two Factor Authentication Now Available
My Hospital	S			×	
	Fulton Co	ounty Medical Center		NEW INCIDENT	
	Active Incidents	s		NEW INCIDENT	
	Date	Туре	Details	Edit Hospital	
	There are no active	incidents.		Incident Log	

- Can only be completed by those • with manager access
- Managers can edit the hospital • information
 - Name
 - **Display Name** •
 - Address
 - Phone numbers •

PA MEDIC EMERGENCY HEALTH SERVICES FEDERATION	lospitals – EMS Agencies Classifieds A	About Resources - Contact					
Contact Information *	Facility Name *						
Profile Information	Fulton County Medical Center						
People	Display Name						
	Fulton County Medical Center						
	▼ Address						
	Street address *						
	214 Peach Orchard Road						
	City *	State *	Zip code *				
	McConnellsburg	Pennsylvania 🗢	17233				
	County Fulton Phone Numbers	¢					
	Department	Phone Number					
	Emergency Department	84					
	ADD PHONE NUMBERS						
Admin *							
save Delete							

Edit Hospital: Profile Information

PA MEDIC EMERCENCY HEALTH SERVICES FEDERATION		ncies Classifieds Abou	ut Resources 🕶	Contact		
ADD A BLOCK	RESET TO DEFAULTS					
My Agencies					×	Site News *
						Two Factor Authentication Now
My Hospitals					×	Available
wy riospitais						
•	Fulton County Med	lical Center		NEW		
Act	Active Incidents					
Dat	e T	ype	Details	Edit Hospital		
The	ere are no active incidents.			Incident Log		

- Can only be completed by those with manager access
- Managers can edit the hospital profile
 - Image
 - Capabilities
 - Facility description

PA MEDIC EMERGENCY HEALTH SERVICES FEDERATION	Hospitals 👻 EMS Agencies Classifieds About Resources 👻 Contact
Contact Information *	Image
Profile Information	Image
People	fcmc.JPG REMOVE
	Capabilities
	 Behavioral Health Burn Center - Adult Burn Center - Pediatric Cardiac - PCI Capable HazMat/Decontamination Obstetrics Pediatric Care Stroke - Comprehensive Center -Stroke - Thrombectomy Capable Center -Stroke - Primary Center -Stroke - Acute Ready Center Trauma - Adult Level 1 -Trauma - Adult Level 2 Trauma - Adult Level 4 Trauma - Pediatric Level 1 -Trauma - Pediatric Level 1 -Trauma - Pediatric Level 2
	Facility Description
	B I U S ∞ ∞ ∷ ;= 4 ≪ ⊙ Source E ⊆ ⊆ E Normal -
	For over 70 years we have provided comprehensive medical services for all ages at our community medical center. FCMC offers you preventative and restorative health services that can help you attain and retain good health. Our Fulton County, PA medical center can help you when you need health services that include therapy, rehab, surgery, home health assistance and much more. Please read on for more information about our health center and our commitment to you.

The Fulton County Medical Center (FCMC) is a Pennsylvania non-profit corporation which owns and operates an 88 bed critical access hospital and skilled nursing care facility. It's nestled between two beautiful mountain ranges in the valley of Great Cove. FCMC is conveniently located just hours from the metropolitan areas of Baltimore, MD and Washington D.C. and just an hour from our state capital in Harrisburg. FCMC has been proudly serving the community for over 70 years.

\$

body p

Text format

Basic

Edit Hospital: Add/Remove Users

PA MEDIC EMERGENCY HEALTH SERVICES HEDERATION HOSpit	als 👻 EMS Agencies Classified	is About Resources▼ Co	ntact	
ADD A BLOCK RES	ET TO DEFAULTS			
My Agencies			×	Site News *
My Hospitals			×	Two Factor Authentication Now Available
Fulton C				
Active Incider	ts		NEW IMPRICAT	
Date	Туре	Details	Edit Hospital	
There are no activ	e incidents.		Incident Log	

 Users can only be added or removed by those with manager access

PA MEDIC EMERGENCY HEALTH SERVICES FEDERATION	Hospitals → EMS Agencies Classifieds About Resources → Contact	A+
Contact Information *	Managers	
People	.t mruby (26)	0
	kshoop (4537)	0
	A	0
	ADD ANOTHER ITEM	
	Employees	
	A	0
	ADD ANOTHER ITEM	
► Admin *		
SAVE Delete		

Hospital Operating Status

- Managers and employees can report operating status
 - Simply click on add new incident

PA MEDIC EMERGENCY HEALTH SERVICES FEDERATION	Hospitals ▼ EMS Agencies Classifie	ds About Resources ▼ Contact				A
ADD A BLOCK	RESET TO DEFAULTS					
My Agencies				×	Site News	×
					Two Factor Authentication Now Available	
My Hospitals				×		
	Fulton County Medic	cal Center		NEW INCIDENT -		
	Active Incidents					
	Date	Туре	Details			
	There are no active incidents.					

Hospital Operating Status

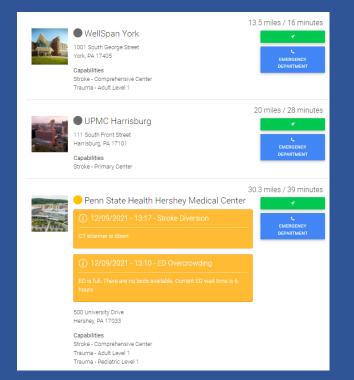
PA MEDIC	Hospitais • ENS Agencies Classifie	ids About Resources • Contact				A.1
XCORE OF	868(77) 66940/5					
My Agencies					Site News	•
					Two Factor Authentication Now Available	
My Hospitals						
	Fulton County Medical Center Active indicets Dev Type Deval					
	There are no active incidents.					

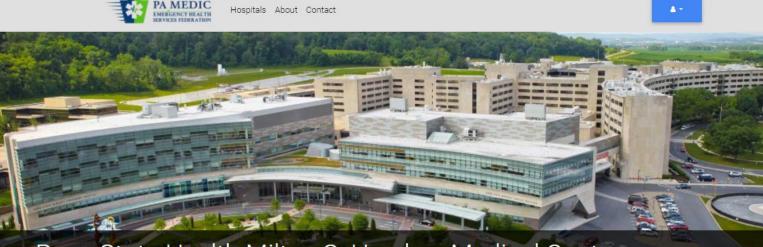
- Facility name cannot be changed when reporting hospital status
- Incident date defaults to current time
- Estimated resolution defaults to 4 hours from reporting time
 - This can be changed if resolution time is known
- Incident type
 - This list can be expanded based on needs by the EHSF region
 - Hospitals can report multiple incidents at a time
 - (i.e. ED Overcrowding and Stroke Diversion)
 - Types
 - Informational = blue announces important information to EMS (i.e. construction updates)
 - ED Overcrowding = yellow consider diversion
 - Trauma Diversion = yellow consider diversion
 - STEMI Diversion = yellow consider diversion
 - Stroke Diversion = yellow consider diversion
 - ED CLOSED = red closed, do not come to the facility
- lnformation
 - Free text box to share additional details
 - i.e. ED closed active shooter

*	PA MEDIC EMERGENCY HEALTH SERVICES FEDERATION	Hospitals ▼ EMS Agencies Classifieds About Resources ▼ Contact	A *
		Facility Name *	
		Fulton County Medical Center	
		Incident Date • 12/27/2022 • 04:45:49 PM • Estimated Resolution Date/Time • 12/27/2022 • 08:45:49 PM • • Auto resolve incident at the Estimated Resolution Time frankled, the estimated resolution time will be visible on alert. Incident Type • • Select a value- • Select a	
	GE SUBSCRIPTIONS		

Hospital Operating Status

- When a new status is entered:
 - Color dot on listing and map updates
 - Banner appears on listing and map page
 - Banner is added to hospital page
 - EMS providers who subscribe for alerts receive an e-mail and/or text





Penn State Health Milton S. Hershey Medical Center

) 12/09/2021 - 13:17 - Stroke Diversion

T scanner is down

12/09/2021 - 13:10 - ED Overcrowding

ED is full. There are no beds available. Current ED wait time is 6 hours

Penn State Health's flagship 628-bed medical center, Penn State Health Milton S. Hershey Medical Center is central Pennsylvania's only locally based academic medical center. A Magnet-designated hospital since 2007, it provides high-level, patient-focused medical care. The Milton S. Hershey Medical Center is the only medical facility in Pennsylvania to be accredited as a Level 1 trauma center for both children and adults.

SUBSCRIBE TO THIS HOSPITAL

Address

500 University Drive Hershey, PA 17033

Phone Numbers

Semergency DEPARTMENT

Canabilities

Hospital Operating Status Resolved

• When a status is resolved before the 4-hour default time, the user can go into the incident and manually resolve it.

PA MEDIC EMERGENCY HEALTH SERVICES FEDERATION	Hospitals - EMS Agencies Clas	ssifieds About Resources - Contact				A 7
ADD A BLOCK	RESET TO DEFAULTS					
My Agencies				×	Site News	x
					Two Factor Authentication Now Available	
My Hospitals				×		
	😑 WellSpan York			NEW INCIDENT		
	Active Incidents Date	Туре	Details			
	12/25/2022 - 13:25	Behavioral Health Diversion	Crisis Divert	RESOLVE		
THE REAL PROPERTY OF						

PA MEDIC Mobile

www.pamedic.org

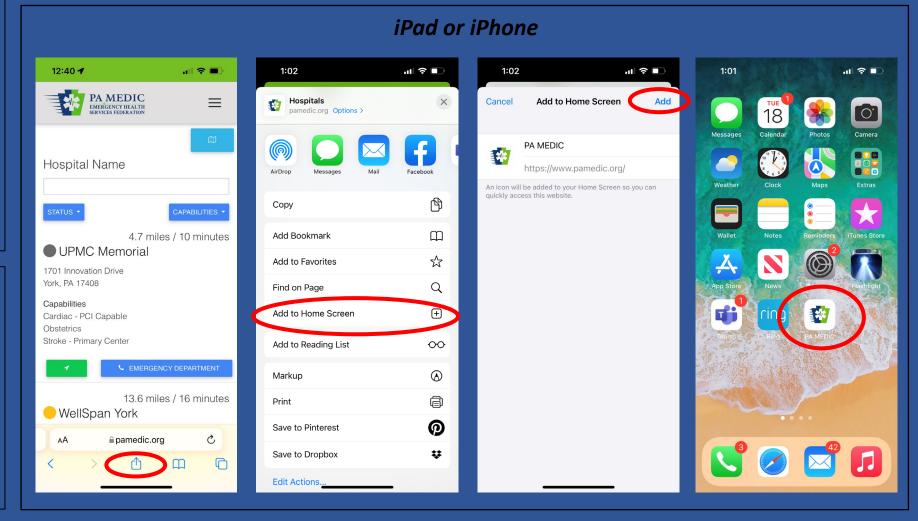
Adding PA Medic to Home Page

iPad or iPhone

- Open web browser on phone (i.e. Safari or Chrome)
- Open the website: www.pamedic.org
- Tap on the up arrow
- In menu, tap on Add to Home Screen
- Tap on Add

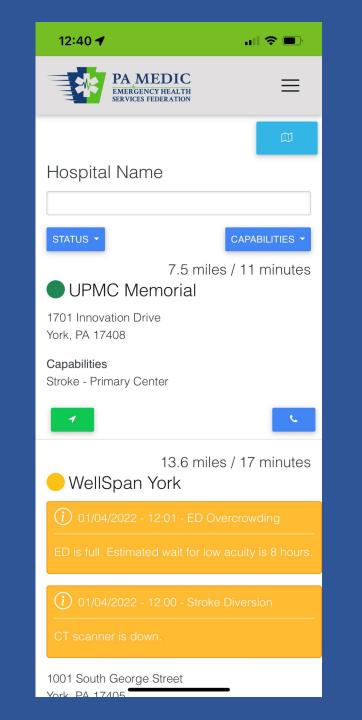
Android

- Launch Chrome app
- Open the website:
 - www.pamedic.org
- Tap on the menu icon
 - (3 dots in the upperright hand corner)
- Tap Add to Home Screen



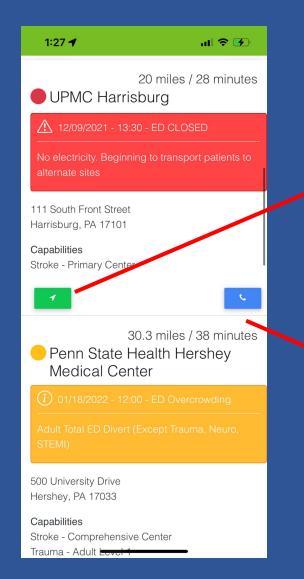
Mobile: Homepage

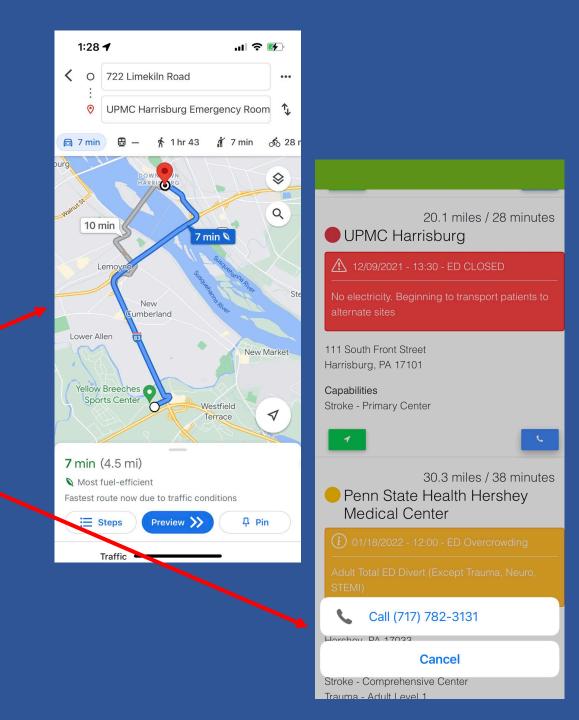
- Hospitals are listed in order by distance based on the device location
- Hospital Information Displayed
 - Operating Status
 - Colored dot will associate to status
 - Gray = unknown / not active
 - Green = operating normal
 - Yellow = consider diversion
 - Red = closed
 - A banner will display below the hospital to provide additional status information is on consideration diversion or closed
 - Blue = informational
 - Yellow = consider diversion
 - Red = closed



Mobile: Homepage

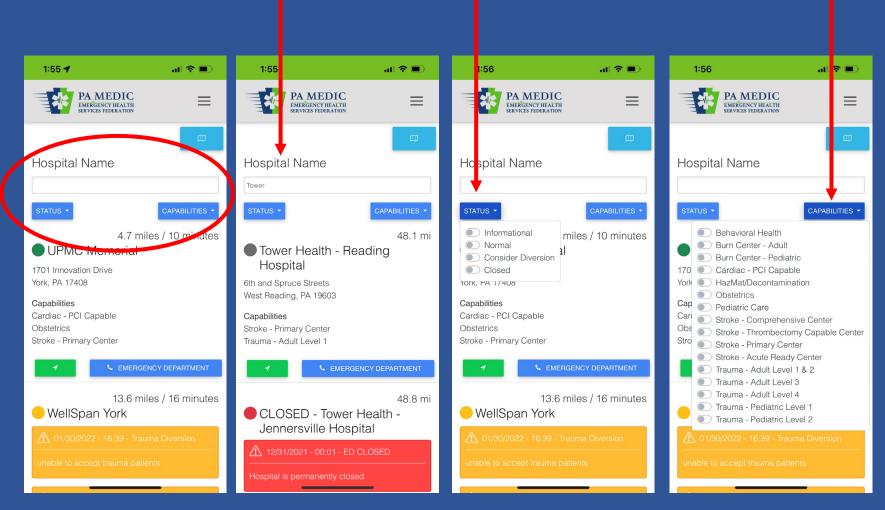
- Hospital Information Displayed
 - Address
 - Capabilities
 - Distance to facility by miles
 - Estimated real-time travel to facility (with traffic included)
 - Green box with arrow takes EMS provider to mapping app for directions
 - Blue box with phone provides a one-click to call to the main emergency department number





Mobile: Search/Filters

- Search Options are Different
 - Blue buttons above the hospital listing allows sorting the list by county, operating status, and/or capabilities
 - i.e. EMS providers can display only hospitals operating on a normal status
 - i.e. EMS providers can display only comprehensive stroke centers



Mobile: Hospital Webpage

1:29



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•

Adult Total ED Divert (Except Trauma, Neur STEMI)

500 University Drive Hershey, PA 17033

Capabilities

Stroke - Comprehensive Center Trauma - Adult Level 1 Trauma - Pediatric Level 1



21.7 miles / 30 minutes Penn State Health Holy Spirit

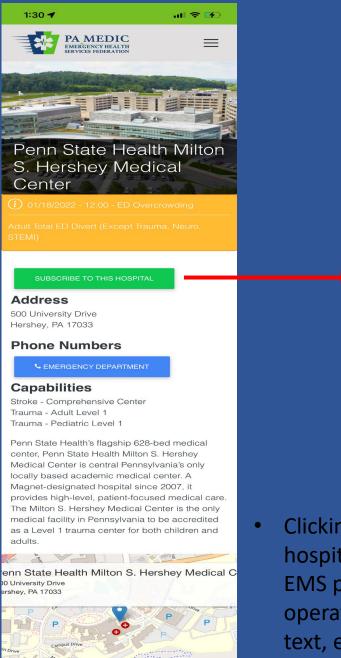
(i) 01/18/2022 - 11:40 - STEMI Diversion

Unable to accept STEMI patients for intervention

503 North 21st Street Camp Hill, PA 17011

Capabilities Stroke - Primary

- Clicking on the hospital name on the homepage will open a new page with basic information about the hospital
 - Photo and description of facility
 - Address
 - Phone numbers
 - Can have multiple
 - Capabilities
 - Map
 - Subscribe to hospital
 - EMS Providers can select hospitals and choose to receive alerts when operating status is updated



- 1:31
 Image: Comparise the second second
- Clicking on subscribe to hospital gives options to the EMS provider to receive operating status alerts by text, e-mail, or both